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►B

COMMISSION IMPLEMENTING DECISION (EU) 2023/1586

of 26 July 2023

on harmonised standards for machinery drafted in support of Directive 2006/42/EC of the European Parliament and of the Council

(OJ L 194, 2.8.2023, p. 45)

Amended by:

		Official Journal		
		No	page	date
►M1	Commission Implementing Decision (EU) 2024/1256 of 26 April 2024	L 1256	1	30.4.2024
►M2	Commission Implementing Decision (EU) 2024/1329 of 13 May 2024	L 1329	1	15.5.2024
►M3	Commission Implementing Decision (EU) 2024/2408 of 13 September 2024	L 2408	1	16.9.2024
►M4	Commission Implementing Decision (EU) 2025/1740 of 13 August 2025	L 1740	1	14.8.2025
►M5	Commission Implementing Decision (EU) 2026/80 of 12 January 2026	L 80	1	13.1.2026
►M6	Commission Implementing Decision (EU) 2026/546 of 12 March 2026	L 546	1	13.3.2026
►M7	Commission Implementing Decision (EU) 2026/2015 of 4 September 2026	L 2015	1	7.9.2026

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COMMISSION IMPLEMENTING DECISION (EU) 2023/1586

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▼M1

Article 1

The references of harmonised standards for machinery drafted in support of Directive 2006/42/EC listed in Annex I to this Decision are hereby published in the *Official Journal of the European Union.*

▼M6

The references of the standards listed in Part Three, point 2, rows 24a, 121, 126a, 266, 324a, 343, 405, 495, 495a, 502a, 513a, 622a, 671a and 681a, of Annex I to this Decision are published or maintained in the *Official Journal of the European Union* with restrictions.

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Article 2

Communication 2018/C 092/01 is repealed.

▼M1

However, it shall continue to apply to the references of harmonised standards listed in Annex II to this Decision until the dates of withdrawal of those references set out in that Annex, subject to any restrictions set out in that Annex.

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Article 3

Implementing Decision (EU) 2019/436 is repealed.

▼M1

However, it shall continue to apply to the references of harmonised standards listed in Annex III to this Decision until the dates of withdrawal of those references set out in that Annex, subject to any restrictions set out in that Annex.

▼B

Article 4

This Decision shall enter into force on the day of its publication in the *Official Journal of the European Union*.

▼B

ANNEX I

PART ONE

A-TYPE STANDARDS

1. Explanatory note.

A-type standards specify basic concepts, terminology and design principles applicable to all categories of machinery. Application of such standards alone, although providing an essential framework for the correct application of the Machinery Directive, is not sufficient to ensure conformity with the relevant essential health and safety requirements of the Directive and therefore does not give a full presumption of conformity.

▼M2

2. Reference of the standard.

EN ISO 12100:2010, Safety of machinery – General principles for design – Risk assessment and risk reduction (ISO 12100:2010).

▼B

PART TWO

B-TYPE STANDARDS

1. Explanatory note.

B-type standards deal with specific aspects of machinery safety or specific types of safeguard that can be used across a wide range of categories of machinery. Application of the specifications of B-type standards confers a presumption of conformity with the essential health and safety requirements of the Machinery Directive that they cover when a C-type standard or the manufacturer's risk assessment shows that a technical solution specified by the B-type standard is adequate for the particular category or model of machinery concerned. Application of B-type standards that give specifications for safety components that are independently placed on the market confers a presumption of conformity for the safety components concerned and for the essential health and safety requirements covered by the standards.

2. List of references of standards.

1.	EN 547-1:1996+A1:2008 Safety of machinery - Human body measurements - Part 1: Principles for determining the dimensions required for openings for whole body access into machinery
2.	EN 547-2:1996+A1:2008 Safety of machinery - Human body measurements - Part 2: Principles for determining the dimensions required for access openings
3.	EN 547-3:1996+A1:2008 Safety of machinery - Human body measurements - Part 3: Anthropometric data
4.	EN 614-1:2006+A1:2009 Safety of machinery - Ergonomic design principles - Part 1: Terminology and general principles
5.	EN 614-2:2000+A1:2008 Safety of machinery - Ergonomic design principles - Part 2: Interactions between the design of machinery and work tasks

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6.	EN 842:1996+A1:2008 Safety of machinery - Visual danger signals - General requirements, design and testing
7.	EN 894-1:1997+A1:2008 Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 1: General principles for human interactions with displays and control actuators
8.	EN 894-2:1997+A1:2008 Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 2: Displays
9.	EN 894-3:2000+A1:2008 Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 3: Control actuators
10.	EN 894-4:2010 Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 4: Location and arrangement of displays and control actuators
11.	EN 981:1996+A1:2008 Safety of machinery - System of auditory and visual danger and information signals
12.	EN 1005-1:2001+A1:2008 Safety of machinery - Human physical performance - Part 1: Terms and definitions
13.	EN 1005-2:2003+A1:2008 Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery
14.	EN 1005-3:2002+A1:2008 Safety of machinery - Human physical performance - Part 3: Recommended force limits for machinery operation
15.	EN 1005-4:2005+A1:2008 Safety of machinery - Human physical performance - Part 4: Evaluation of working postures and movements in relation to machinery
16.	EN 1032:2003+A1:2008 Mechanical vibration - Testing of mobile machinery in order to determine the vibration emission value
17.	EN 1093-1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 1: Selection of test methods

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18.	EN 1093-2:2006+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 2: Tracer gas method for the measurement of the emission rate of a given pollutant
19.	EN 1093-3:2006+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 3: Test bench method for the measurement of the emission rate of a given pollutant
20.	EN 1093-4:1996+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 4: Capture efficiency of an exhaust system - Tracer method
21.	EN 1093-6:1998+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 6: Separation efficiency by mass, unducted outlet
22.	EN 1093-7:1998+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 7: Separation efficiency by mass, ducted outlet
23.	EN 1093-8:1998+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 8: Pollutant concentration parameter, test bench method
24.	EN 1093-9:1998+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 9: Pollutant concentration parameter, room method
25.	EN 1093-11:2001+A1:2008 Safety of machinery - Evaluation of the emission of airborne hazardous substances - Part 11: Decontamination index
26.	EN 1127-1:2019 Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology

▼M2

26a.	EN 1127-2:2014 Explosive atmospheres – Explosion prevention and protection – Part 2: Basic concepts and methodology for mining

▼B

27.	EN 1299:1997+A1:2008 Mechanical vibration and shock - Vibration isolation of machines - Information for the application of source isolation
28.	EN 1837:2020 Safety of machinery - Integral lighting of machines

▼B

29.	EN ISO 3741:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for reverberation test rooms (ISO 3741:2010)
30.	EN ISO 3743-1:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room (ISO 3743-1:2010)
31.	EN ISO 3743-2:2019 Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (ISO 3743-2:2018)
32.	EN ISO 3744:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (ISO 3744:2010)

▼M7

32a.	EN ISO 3744:2026 Acoustics – Determination of sound power levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane (ISO 3744:2025, including corrected version 2026-01)

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33.	EN ISO 3745:2012 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for anechoic rooms and hemi-anechoic rooms (ISO 3745:2012) EN ISO 3745:2012/A1:2017
34.	EN ISO 3746:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane (ISO 3746:2010)
35.	EN ISO 3747:2010 Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering/survey methods for use in situ in a reverberant environment (ISO 3747:2010)
36.	EN ISO 4413:2010 Hydraulic fluid power - General rules and safety requirements for systems and their components (ISO 4413:2010)
37.	EN ISO 4414:2010 Pneumatic fluid power - General rules and safety requirements for systems and their components (ISO 4414:2010)
38.	EN ISO 4871:2009 Acoustics - Declaration and verification of noise emission values of machinery and equipment (ISO 4871:1996)

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39.	EN ISO 5136:2009 Acoustics - Determination of sound power radiated into a duct by fans and other air-moving devices - In-duct method (ISO 5136:2003)
40.	EN ISO 7235:2009 Acoustics - Laboratory measurement procedures for ducted silencers and air-terminal units - Insertion loss, flow noise and total pressure loss (ISO 7235:2003)
41.	EN ISO 7731:2008 Ergonomics - Danger signals for public and work areas - Auditory danger signals (ISO 7731:2003)
42.	EN ISO 9614-1:2009 Acoustics - Determination of sound power levels of noise sources using sound intensity - Part 1: Measurement at discrete points (ISO 9614-1:1993)
43.	EN ISO 9614-3:2009 Acoustics - Determination of sound power levels of noise sources using sound intensity - Part 3: Precision method for measurement by scanning (ISO 9614-3:2002)
44.	EN ISO 10326-1:2016 Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 1: Basic requirements (ISO 10326-1:2016, Corrected version 2017-02)
45.	EN ISO 11161:2007 Safety of machinery - Integrated manufacturing systems - Basic requirements (ISO 11161:2007) EN ISO 11161:2007/A1:2010
46.	EN ISO 11201:2010 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections (ISO 11201:2010)
47.	EN ISO 11202:2010 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010) EN ISO 11202:2010/A1:2021
48.	EN ISO 11203:2009 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995) EN ISO 11203:2009/A1:2020

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49.	EN ISO 11204:2010 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying accurate environmental corrections (ISO 11204:2010)
50.	EN ISO 11205:2009 Acoustics - Noise emitted by machinery and equipment - Engineering method for the determination of emission sound pressure levels in situ at the work station and at other specified positions using sound intensity (ISO 11205:2003)
51.	EN ISO 11546-1:2009 Acoustics - Determination of sound insulation performances of enclosures - Part 1: Measurements under laboratory conditions (for declaration purposes) (ISO 11546-1:1995)
52.	EN ISO 11546-2:2009 Acoustics - Determination of sound insulation performances of enclosures - Part 2: Measurements in situ (for acceptance and verification purposes) (ISO 11546-2:1995)
53.	EN ISO 11553-1:2020 Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020) EN ISO 11553-1:2020/A11:2020

▼M2

53a.	EN ISO 11554:2017 Optics and photonics – Lasers and laser-related equipment – Test methods for laser beam power, energy and temporal characteristics (ISO 11554:2017)

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54.	EN ISO 11688-1:2009 Acoustics - Recommended practice for the design of low-noise machinery and equipment - Part 1: Planning (ISO/TR 11688-1:1995)
55.	EN ISO 11691:2009 Acoustics - Measurement of insertion loss of ducted silencers without flow - Laboratory survey method (ISO 11691:1995)
56.	EN ISO 11957:2009 Acoustics - Determination of sound insulation performance of cabins - Laboratory and in situ measurements (ISO 11957:1996)
57.	EN 12198-1:2000+A1:2008 Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 1: General principles

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58.	EN 12198-2:2002+A1:2008 Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 2: Radiation emission measurement procedure
59.	EN 12198-3:2002+A1:2008 Safety of machinery - Assessment and reduction of risks arising from radiation emitted by machinery - Part 3: Reduction of radiation by attenuation or screening
60.	EN 12254:2010 Screens for laser working places - Safety requirements and testing EN 12254:2010/AC:2011
61.	EN 12786:2013 Safety of machinery - Requirements for the drafting of the vibration clauses of safety standards
62.	EN 13490:2001+A1:2008 Mechanical vibration - Industrial trucks - Laboratory evaluation and specification of operator seat vibration
63.	EN ISO 13732-1:2008 Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 1: Hot surfaces (ISO 13732-1:2006)
64.	EN ISO 13732-3:2008 Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 3: Cold surfaces (ISO 13732-3:2005)
65.	EN ISO 13753:2008 Mechanical vibration and shock - Hand-arm vibration - Method for measuring the vibration transmissibility of resilient materials when loaded by the hand-arm system (ISO 13753:1998)
66.	EN ISO 13849-1:2015 Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015)
▼M2	
66a.	EN ISO 13849-1:2023 Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (ISO 13849-1:2023)
▼B	
67.	EN ISO 13849-2:2012 Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO 13849-2:2012)

▼B

68.	EN ISO 13850:2015 Safety of machinery - Emergency stop function - Principles for design (ISO 13850:2015)
69.	EN ISO 13851:2019 Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)
70.	EN ISO 13854:2019 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)
71.	EN ISO 13855:2010 Safety of machinery - Positioning of safeguards with respect to the approach speeds of parts of the human body (ISO 13855:2010)
▼M7	
71a.	EN ISO 13855:2024 Safety of machinery – Positioning of safeguards with respect to the approach of the human body (ISO 13855:2024)
▼B	
72.	EN ISO 13856-1:2013 Safety of machinery - Pressure-sensitive protective devices - Part 1: General principles for design and testing of pressure-sensitive mats and pressure-sensitive floors (ISO 13856-1:2013)
73.	EN ISO 13856-2:2013 Safety of machinery - Pressure-sensitive protective devices - Part 2: General principles for design and testing of pressure-sensitive edges and pressure-sensitive bars (ISO 13856-2:2013)
74.	EN ISO 13856-3:2013 Safety of machinery - Pressure-sensitive protective devices - Part 3: General principles for design and testing of pressure-sensitive bumpers, plates, wires and similar devices (ISO 13856-3:2013)
75.	EN ISO 13857:2019 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)
76.	EN ISO 14118:2018 Safety of machinery - Prevention of unexpected start-up (ISO 14118:2017)
77.	EN ISO 14119:2013 Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:2013)
▼M7	
77a.	EN ISO 14119:2025 Safety of machinery – Interlocking devices associated with guards – Principles for design and selection (ISO 14119:2024) EN ISO 14119/A11:2026
▼B	
78.	EN ISO 14120:2015 Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards (ISO 14120:2015)
79.	EN ISO 14122-1:2016 Safety of machinery - Permanent means of access to machinery - Part 1: Choice of fixed means and general requirements of access (ISO 14122-1:2016)

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80.	EN ISO 14122-2:2016 Safety of machinery - Permanent means of access to machinery - Part 2: Working platforms and walkways (ISO 14122-2:2016)
81.	EN ISO 14122-3:2016 Safety of machinery - Permanent means of access to machinery - Part 3: Stairs, stepladders and guard-rails (ISO 14122-3:2016)
82.	EN ISO 14122-4:2016 Safety of machinery - Permanent means of access to machinery - Part 4: Fixed ladders (ISO 14122-4:2016)
83.	EN ISO 14123-1:2015 Safety of machinery - Reduction of risks to health resulting from hazardous substances emitted by machinery - Part 1: Principles and specifications for machinery manufacturers (ISO 14123-1:2015)
84.	EN ISO 14123-2:2015 Safety of machinery - Reduction of risks to health resulting from hazardous substances emitted by machinery - Part 2: Methodology leading to verification procedures (ISO 14123-2:2015)
85.	EN ISO 14159:2008 Safety of machinery - Hygiene requirements for the design of machinery (ISO 14159:2002)
86.	EN ISO 14738:2008 Safety of machinery - Anthropometric requirements for the design of workstations at machinery (ISO 14738:2002, including Cor 1:2003 and Cor 2:2005)
87.	EN ISO 15536-1:2008 Ergonomics - Computer manikins and body templates - Part 1: General requirements (ISO 15536-1:2005)
88.	EN 15967:2022 Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours

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91.	EN 17624:2022 Determination of explosion limits of gases and vapours at elevated pressures, elevated temperatures or with oxidizers other than air
92.	EN ISO 18497:2018 Agricultural machinery and tractors - Safety of highly automated agricultural machines - Principles for design (ISO 18497:2018)

▼B

93.	EN ISO 19353:2019 Safety of machinery - Fire prevention and fire protection (ISO 19353:2019)
94.	EN ISO 20607:2019 Safety of machinery - Instruction handbook - General drafting principles (ISO 20607:2019)
95.	EN ISO 20643:2008 Mechanical vibration - Hand-held and hand-guided machinery - Principles for evaluation of vibration emission (ISO 20643:2005) EN ISO 20643:2008/A1:2012
96.	EN 60204-1:2018 Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016, modified)
97.	EN IEC 60204-11:2019 Safety of machinery - Electrical equipment of machines - Part 11: Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV (IEC 60204-11:2018)
98.	EN 60204-32:2008 Safety of machinery - Electrical equipment of machines - Part 32: Requirements for hoisting machines (IEC 60204-32:2008)
99.	EN 60204-33:2011 Safety of machinery - Electrical equipment of machines - Part 33: Requirements for semiconductor fabrication equipment (IEC 60204-33:2009, modified)
100.	EN 61310-1:2008 Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, acoustic and tactile signals (IEC 61310-1:2007)
101.	EN 61310-2:2008 Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking (IEC 61310-2:2007)
102.	EN 61310-3:2008 Safety of machinery - Indication, marking and actuation - Part 3: Requirements for the location and operation of actuators (IEC 61310-3:2007)
103.	EN 61800-5-2:2007 Adjustable speed electrical power drive systems - Part 5-2: Safety requirements – Functional (IEC 61800-5-2:2007)
104.	EN IEC 62061:2021 Safety of machinery - Functional safety of safety-related control systems (IEC 62061:2021)

▼M7

104a.	EN IEC 62061:2021 Safety of machinery – Functional safety of safety-related control systems EN IEC 62061:2021/A1:2024

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105.	EN 62745:2017 Safety of machinery - Requirements for cableless control systems of machinery (IEC 62745:2017) EN 62745:2017/A11:2020

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PART THREE

C-TYPE STANDARDS

1. Explanatory note.

C-type standards provide specifications for a given category of machinery. The different types of machinery belonging to the category covered by a C-type standard have a similar intended use and present similar hazards. C-type standards may refer to A or B-type standards, indicating which of the specifications of the A or B-type standard are applicable to the category of machinery concerned. When, for a given aspect of machinery safety, a C-type standard deviates from the specifications of an A or B-type standard, the specifications of the C-type standard take precedence over the specifications of the A or B-type standard. Application of the specifications of a C-type standard on the basis of the manufacturer's risk assessment confers a presumption of conformity with the essential health and safety requirements of the Machinery Directive covered by the standard. Certain C-type standards are organised as a series of several parts, Part 1 of the standard giving general specifications applicable to a family of machinery and other parts of the standard giving specifications for specific categories of machinery belonging to the family, supplementing or modifying the general specifications of Part 1. For C-type standards organised in this way, the presumption of conformity with the essential health and safety requirements of the Machinery Directive is conferred by application of the general Part 1 of the standard together with the relevant specific part of the standard.

2. List of references of standards.

1.	EN 81-3:2000+A1:2008 Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts EN 81-3:2000+A1:2008/AC:2009
▼M7 1a.	EN 81-30:2025 Safety rules for the construction and installation of lifts – Lifts for the transport of goods only – Part 30: Electric and hydraulic service lifts
▼B 2.	EN 81-31:2010 Safety rules for the construction and installation of lifts - Lifts for the transport of goods only - Part 31: Accessible goods only lifts
▼M4 2a.	EN 81-31:2024 Safety rules for the construction and installation of lifts – Lifts for the transport of goods only – Part 31: Accessible goods only lifts
▼B 3.	EN 81-40:2020 Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility
4.	EN 81-41:2010 Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 41: Vertical lifting platforms intended for use by persons with impaired mobility

▼M4

4a.	EN 81-41:2024 Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 41: Vertical lifting platforms intended for use by persons with impaired mobility

▼M7

4b.	EN 81-42:2025 Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 42: Vertical lifting appliances with enclosed carrier intended for use by persons, including persons with disability

▼B

5.	EN 81-43:2009 Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 43: Lifts for cranes

▼M6

5 – a.	EN 81-43:2025 Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 43: Lifts for cranes

▼M4

5a.	EN 81-44:2024 Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 44: Lifting appliances in wind turbines

▼B

6.	EN 115-1:2017 Safety of escalators and moving walks - Part 1: Construction and installation
7.	EN 267:2009+A1:2011 Automatic forced draught burners for liquid fuels
8.	EN 280-1:2022 Mobile elevating work platforms - Part 1: Design calculations - Stability criteria - Construction - Safety - Examinations and tests
9.	EN 280-2:2022 Mobile elevating work platforms - Part 2: Additional safety requirements for load lifting appliances on the extending lifting structure and work platform
10.	EN 289:2014 Plastics and rubber machines - Compression moulding machines and transfer moulding machines - Safety requirements
11.	EN 303-5:2021+A1:2022 Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking
12.	EN 378-2:2016 Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation
13.	EN 415-1:2014 Safety of packaging machines - Part 1: Terminology and classification of packaging machines and associated equipment

▼M6

13a.	EN 415-2:2025 Safety of packaging machines – Part 2: Packaging machines for pre-formed rigid containers

▼B

14.	EN 415-3:2021 Safety of packaging machines - Part 3: Form, fill and seal machines; fill and seal machines

▼M7

14a.	EN 415-4:2025 Safety of packaging machines – Part 4: Palletizers and depalletizers and associated equipment

▼B

15.	EN 415-5:2006+A1:2009 Safety of packaging machines - Part 5: Wrapping machines
16.	EN 415-6:2013 Safety of packaging machines - Part 6: Pallet wrapping machines
17.	EN 415-7:2006+A1:2008 Safety of packaging machines - Part 7: Group and secondary packaging machines
18.	EN 415-8:2008 Safety of packaging machines - Part 8: Strapping machines

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18a.	EN 415-8:2025 Safety of packaging machines – Part 8: Strapping machines

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19.	EN 415-9:2009 Safety of packaging machines - Part 9: Noise measurement methods for packaging machines, packaging lines and associated equipment, grade of accuracy 2 and 3
20.	EN 415-10:2014 Safety of packaging machines - Part 10: General Requirements
21.	EN 422:2009 Plastics and rubber machines - Blow moulding machines - Safety requirements
22.	EN 453:2014 Food processing machinery - Dough mixers - Safety and hygiene requirements
23.	EN 454:2014 Food processing machinery - Planetary mixers - Safety and hygiene requirements

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24a.	EN 474-1:2022 Earth-moving machinery – Safety – Part 1: General requirements

▼M6

	Restriction: For the purpose of the presumption of conformity of this harmonised standard, the value in its clause 4.12.7.2 ‘at 125 % of Q1 and Q2’ shall be read as ‘at least at 100 % or up to a value of 125 % of Q1 and Q2 insofar as the tested machine can indeed attain a higher load’, as well as the value in its clause 4.12.7.3 ‘at 110 % of Q1 and Q2’ shall be read as ‘at least at 100 % or up to a value of 110 % of Q1 and Q2 insofar as the tested machine can indeed attain a higher load’

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25.	EN 474-2:2022 Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers
26.	EN 474-3:2022 Earth-moving machinery - Safety - Part 3: Requirements for loaders EN 474-3:2022/AC:2022
27.	EN 474-4:2022 Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders
28.	EN 474-5:2022 Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators EN 474-5:2022/AC:2022
29.	EN 474-6:2022 Earth-moving machinery - Safety - Part 6: Requirements for dumpers
30.	EN 474-7:2022 Earth-moving machinery - Safety - Part 7: Requirements for scrapers
31.	EN 474-8:2022 Earth-moving machinery - Safety - Part 8: Requirements for graders
32.	EN 474-9:2022 Earth-moving machinery - Safety - Part 9: Requirements for pipe-layers
33.	EN 474-10:2022 Earth-moving machinery - Safety - Part 10: Requirements for trenchers
34.	EN 474-11:2022 Earth-moving machinery - Safety - Part 11: Requirements for earth- and landfill compactors
35.	EN 474-12:2022 Earth-moving machinery - Safety - Part 12: Requirements for cable excavators
36.	EN 474-13:2022 Earth-moving machinery - Safety - Part 13: Requirements for rollers

▼B

37.	EN 500-1:2006+A1:2009 Mobile road construction machinery - Safety - Part 1: Common requirements
38.	EN 500-2:2006+A1:2008 Mobile road construction machinery - Safety - Part 2: Specific requirements for road-milling machines
39.	EN 500-3:2006+A1:2008 Mobile road construction machinery - Safety - Part 3: Specific requirements for soil-stabilising machines and recycling machines
40.	EN 500-6:2006+A1:2008 Mobile road construction machinery - Safety - Part 6: Specific requirements for paver-finishers
41.	EN 528:2021+A1:2022 Rail dependent storage and retrieval equipment - Safety requirements for S/R machines
42.	EN 536:2015 Road construction machines - Mixing plants for road construction materials - Safety requirements
43.	EN 609-1:2017 Agricultural and forestry machinery - Safety of log splitters - Part 1: Wedge splitters
44.	EN 609-2:1999+A1:2009 Agricultural and forestry machinery - Safety of log splitters - Part 2: Screw splitters
45.	EN 617:2001+A1:2010 Continuous handling equipment and systems - Safety and EMC requirements for the equipment for the storage of bulk materials in silos, bunkers, bins and hoppers
46.	EN 618:2002+A1:2010 Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of bulk materials except fixed belt conveyors
47.	EN 619:2022 Continuous handling equipment and systems - Safety requirements for equipment for mechanical handling of unit loads
48.	EN 620:2021 Continuous handling equipment and systems - Safety requirements for fixed belt conveyors for bulk materials
49.	EN 676:2003+A2:2008 Automatic forced draught burners for gaseous fuels EN 676:2003+A2:2008/AC:2008
50.	EN 690:2013 Agricultural machinery - Manure spreaders - Safety
51.	EN 703:2021 Agricultural machinery - Safety - Silage loading, mixing and/or chopping and distributing machines

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52.	EN 706:1996+A1:2009 Agricultural machinery - Vine shoot tipping machines - Safety
53.	EN 707:2018 Agricultural machinery - Slurry tankers - Safety
54.	EN 709:1997+A4:2009 Agricultural and forestry machinery - Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s) - Safety EN 709:1997+A4:2009/AC:2012
55.	EN 741:2000+A1:2010 Continuous handling equipment and systems - Safety requirements for systems and their components for pneumatic handling of bulk materials
56.	EN 746-1:1997+A1:2009 Industrial thermoprocessing equipment - Part 1: Common safety requirements for industrial thermoprocessing equipment
57.	EN 746-2:2010 Industrial thermoprocessing equipment - Part 2: Safety requirements for combustion and fuel handling systems
58.	EN 746-3:2021 Industrial thermoprocessing equipment - Part 3: Safety requirements for the generation and use of atmosphere gases
59.	EN 809:1998+A1:2009 Pumps and pump units for liquids - Common safety requirements EN 809:1998+A1:2009/AC:2010
60.	EN 818-1:1996+A1:2008 Short link chain for lifting purposes - Safety - Part 1: General conditions of acceptance
61.	EN 818-2:1996+A1:2008 Short link chain for lifting purposes - Safety - Part 2: Medium tolerance chain for chain slings - Grade 8
62.	EN 818-3:1999+A1:2008 Short link chain for lifting purposes - Safety - Part 3: Medium tolerance chain for chain slings - Grade 4
63.	EN 818-4:1996+A1:2008 Short link chain for lifting purposes - Safety - Part 4: Chain slings - Grade 8
64.	EN 818-5:1999+A1:2008 Short link chain for lifting purposes - Safety - Part 5: Chain slings - Grade 4

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65.	EN 818-6:2000+A1:2008 Short link chain for lifting purposes - Safety - Part 6: Chain slings - Specification for information for use and maintenance to be provided by the manufacturer
66.	EN 818-7:2002+A1:2008 Short link chain for lifting purposes - Safety - Part 7: Fine tolerance hoist chain, Grade T (Types T, DAT and DT)
67.	EN 848-2:2007+A2:2012 Safety of woodworking machines - One side moulding machines with rotating tool - Part 2: Single spindle hand fed/integrated fed routing machines
68.	EN 869:2006+A1:2009 Safety of machinery - Safety requirements for pressure metal diecasting units
69.	EN 908:1999+A1:2009 Agricultural and forestry machinery - Reel machines for irrigation - Safety
70.	EN 909:1998+A1:2009 Agricultural and forestry machinery - Centre pivot and moving lateral types irrigation machines - Safety
71.	EN 930:1997+A2:2009 Footwear, leather and imitation leather goods manufacturing machines - Roughing, scouring, polishing and trimming machines - Safety requirements
72.	EN 931:1997+A2:2009 Footwear manufacturing machines - Lasting machines - Safety requirements
73.	EN 957-6:2010+A1:2014 Stationary training equipment - Part 6: Treadmills, additional specific safety requirements and test methods
74.	EN 972:1998+A1:2010 Tannery machines - Reciprocating roller machines - Safety requirements EN 972:1998+A1:2010/AC:2011
75.	EN 1010-1:2004+A1:2010 Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 1: Common requirements
76.	EN 1010-2:2006+A1:2010 Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 2: Printing and varnishing machines including pre-press machinery
77.	EN 1010-3:2002+A1:2009 Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 3: Cutting machines

▼B

78.	EN 1010-4:2004+A1:2009 Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 4: Bookbinding, paper converting and finishing machines
79.	EN 1012-1:2010 Compressors and vacuum pumps - Safety requirements - Part 1: Air compressors
80.	EN 1012-2:1996+A1:2009 Compressors and vacuum pumps - Safety requirements - Part 2: Vacuum pumps
81.	EN 1012-3:2013 Compressors and vacuum pumps - Safety requirements - Part 3: Process compressors
82.	EN 1028-1:2002+A1:2008 Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 1: Classification - General and safety requirements
83.	EN 1028-2:2002+A1:2008 Fire-fighting pumps - Fire-fighting centrifugal pumps with primer - Part 2: Verification of general and safety requirements
84.	EN 1034-1:2000+A1:2010 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 1: Common requirements
85.	EN 1034-2:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 2: Barking drums
86.	EN 1034-3:2011 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 3: Rereelers and winders
87.	EN 1034-4:2021 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 4: Pulpers and their loading facilities
88.	EN 1034-5:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 5: Sheeters
89.	EN 1034-6:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 6: Calender
90.	EN 1034-7:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 7: Chests

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91.	EN 1034-8:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 8: Refining plants
92.	EN 1034-13:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 13: Machines for de-wiring bales and units
93.	EN 1034-14:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 14: Reel splitter
94.	EN 1034-16:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 16: Paper and board making machines
95.	EN 1034-17:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 17: Tissue making machines
96.	EN 1034-21:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 21: Coating machines
97.	EN 1034-22:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 22: Wood Grinders
98.	EN 1034-26:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 26: Roll packaging machines
99.	EN 1034-27:2012 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 27: Roll handling systems
100.	EN 1114-1:2011 Plastics and rubber machines - Extruders and extrusion lines - Part 1: Safety requirements for extruders
101.	EN 1114-3:2019 Plastics and rubber machines - Extruders and extrusion lines - Part 3: Safety requirements for haul-offs
102.	EN 1175:2020 Safety of industrial trucks - Electrical/electronic requirements
▼M7	
102a.	EN 1175:2025 Safety of industrial trucks – Electrical/electronic requirements

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105.	EN 1218-3:2001+A1:2009 Safety of woodworking machines - Tenoning machines - Part 3: Hand fed tenoning machines with sliding table for cutting structural timbers

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107.	EN 1247:2004+A1:2010 Foundry machinery - Safety requirements for ladles, pouring equipment, centrifugal casting machines, continuous and semi continuous casting machines
108.	EN 1248:2001+A1:2009 Foundry machinery - Safety requirements for abrasive blasting equipment
109.	EN 1265:1999+A1:2008 Safety of machinery - Noise test code for foundry machines and equipment
110.	EN 1374:2000+A1:2010 Agricultural machinery - Silos stationary unloaders for round silos - Safety
111.	EN 1398:2009 Dock levellers - Safety requirements

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112a.	EN 1417:2023 Plastics and rubber machines – Two-roll mills – Safety requirements

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113.	EN 1459-1:2017 Rough-terrain trucks - Safety requirements and verification - Part 1: Variable-reach trucks

▼M6

113a.	EN 1459-1:2025 Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks

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114.	EN 1459-2:2015+A1:2018 Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks

▼M6

114a.	EN 1459-4:2020+A1:2025 Rough-terrain trucks – Safety requirements and verification – Part 4: Additional requirements for variable-reach trucks handling freely suspended loads

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115.	EN 1459-5:2020 Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface

▼M6

115a.	EN 1459-5:2020+A1:2025 Rough-terrain trucks – Safety requirements and verification – Part 5: Attachment interface

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116.	EN 1492-1:2000+A1:2008 Textile slings - Safety - Part 1: Flat woven webbing slings made of man-made fibres for general purpose use
117.	EN 1492-2:2000+A1:2008 Textile slings - Safety - Part 2: Roundslings made of man-made fibres for general purpose use
118.	EN 1492-4:2004+A1:2008 Textile slings - Safety - Part 4: Lifting slings for general service made from natural and man-made fibre ropes
119.	EN 1493:2010 Vehicle lifts
120.	EN 1494:2000+A1:2008 Mobile or movable jacks and associated lifting equipment
121.	EN 1495:1997+A2:2009 Lifting platforms - Mast climbing work platforms EN 1495:1997+A2:2009/AC:2010 Restriction: This publication does not concern paragraph 5.3.2.4, the last subparagraph of 7.1.2.12, table 8 and figure 9 of standard EN 1495:1997, in respect of which it grants no presumption of conformity to the provisions of Directive 2006/42/EC.
122.	EN 1501-1:2021 Refuse collection vehicles - General requirements and safety requirements - Part 1: Rear loaded refuse collection vehicles
123.	EN 1501-2:2021 Refuse collection vehicles - General requirements and safety requirements - Part 2: Side loaded refuse collection vehicles
124.	EN 1501-3:2021 Refuse collection vehicles - General requirements and safety requirements - Part 3: Front loaded refuse collection vehicles

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125a.	EN 1501-4:2023 Refuse collection vehicles – General requirements and safety requirements – Part 4: Noise test code for refuse collection vehicles

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126a.	EN 1501-5:2021 Refuse collection vehicles – General requirements and safety requirements – Part 5: Lifting devices for refuse collection vehicles Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in: point 1.1.7 of Annex I to Directive 2006/42/EC, which requires that machinery is designed and constructed in such a way as to provide adequate means to ensure that the operator has good working conditions and is protected against any foreseeable hazards; point 1.2.1 of that Annex, which requires that safety and reliability of control systems apply in a coherent way to the whole of an assembly of machinery, notably in case of reasonably foreseeable human error during operation, so that this does not lead to hazardous situations; and point 1.5.11 of that Annex, which requires that all machinery must be designed and constructed in such a way that external radiation does not interfere with its operation.

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127.	EN 1526:1997+A1:2008 Safety of industrial trucks - Additional requirements for automated functions on trucks
128.	EN 1539:2015 Dryers and ovens, in which flammable substances are released - Safety requirements
129.	EN 1547:2001+A1:2009 Industrial thermoprocessing equipment - Noise test code for industrial thermoprocessing equipment including its ancillary handling equipment
130.	EN 1550:1997+A1:2008 Machine-tools safety - Safety requirements for the design and construction of work holding chucks
131.	EN 1554:2012 Conveyor belts - Drum friction testing

▼M3

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132a.	EN 1570-1:2024 Safety requirements for lifting tables - Part 1: Lifting tables serving up to two fixed landing

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133.	EN 1570-2:2016 Safety requirements for lifting tables - Part 2: Lifting tables serving more than 2 fixed landings of a building, for lifting goods with a vertical travel speed not exceeding 0,15 m/s
134.	EN 1612:2019 Plastics and rubber machines - Reaction moulding machines and plants - Safety requirements

▼B

135.	EN 1672-2:2005+A1:2009 Food processing machinery - Basic concepts - Part 2: Hygiene requirements
136.	EN 1673:2000+A1:2009 Food processing machinery - Rotary rack ovens - Safety and hygiene requirements
137.	EN 1674:2015 Food processing machinery - Dough sheeters - Safety and hygiene requirements
138.	EN 1677-1:2000+A1:2008 Components for slings - Safety - Part 1: Forged steel components, Grade 8
139.	EN 1677-2:2000+A1:2008 Components for slings - Safety - Part 2: Forged steel lifting hooks with latch, Grade 8
140.	EN 1677-3:2001+A1:2008 Components for slings - Safety - Part 3: Forged steel self-locking hooks - Grade 8
141.	EN 1677-4:2000+A1:2008 Components for slings - Safety - Part 4: Links, Grade 8
142.	EN 1677-5:2001+A1:2008 Components for slings - Safety - Part 5: Forged steel lifting hooks with latch - Grade 4
143.	EN 1677-6:2001+A1:2008 Components for slings - Safety - Part 6: Links - Grade 4
144.	EN 1678:1998+A1:2010 Food processing machinery - Vegetable cutting machines - Safety and hygiene requirements
145.	EN 1679-1:1998+A1:2011 Reciprocating internal combustion engines - Safety - Part 1: Compression ignition engines
146.	EN 1756-1:2021 Tail lifts - Platform lifts for mounting on wheeled vehicles - Safety requirements - Part 1: Tail lifts for goods
147.	EN 1756-2:2004+A1:2009 Tail lifts - Platform lifts for mounting on wheeled vehicles - Safety requirements - Part 2: Tail lifts for passengers
148.	EN 1777:2010 Hydraulic platforms (HPs) for fire fighting and rescue services - Safety requirements and testing
149.	EN 1804-1:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements

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150.	EN 1804-2:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams
151.	EN 1804-3:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic and electro hydraulic control systems
152.	EN 1807-2:2013 Safety of woodworking machines - Band sawing machines - Part 2: Log sawing machines
153.	EN 1808:2015 Safety requirements for suspended access equipment - Design calculations, stability criteria, construction - Examinations and tests
154.	EN 1829-1:2021 High-pressure water jet machines - Safety requirements - Part 1: Machines
155.	EN 1829-2:2008 High-pressure water jet machines - Safety requirements - Part 2: Hoses, hose lines and connectors EN 1829-2:2008/AC:2011
156.	EN 1845:2007 Footwear manufacturing machines - Footwear moulding machines - Safety requirements
157.	EN 1846-2:2009+A1:2013 Firefighting and rescue service vehicles - Part 2: Common requirements - Safety and performance
▼M4	
157a.	EN 1846-2:2024 Firefighting and rescue service vehicles – Part 2: Common requirements – Safety and performance
▼B	
158.	EN 1846-3:2013 Firefighting and rescue service vehicles - Part 3: Permanently installed equipment - Safety and performance
159.	EN 1853:2017 Agricultural machinery - Trailers - Safety
160.	EN 1870-3:2001+A1:2009 Safety of woodworking machines - Circular sawing machines - Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches
161.	EN 1870-5:2002+A2:2012 Safety of woodworking machines - Circular sawing machines - Part 5: Circular sawbenches/up-cutting cross-cut sawing machines
162.	EN 1870-6:2017 Safety of woodworking machines - Circular sawing machines - Part 6: Circular sawing machines for fire wood

▼B

163.	EN 1870-7:2012 Safety of woodworking machines - Circular sawing machines - Part 7: Single blade log sawing machines with integrated feed table and manual loading and/or unloading
164.	EN 1870-8:2012 Safety of woodworking machines - Circular sawing machines - Part 8: Single blade edging circular rip sawing machines with power driven saw unit and manual loading and/or unloading
165.	EN 1870-9:2012 Safety of woodworking machines - Circular sawing machines - Part 9: Double blade circular sawing machines for cross-cutting with integrated feed and with manual loading and/or unloading
166.	EN 1870-10:2013 Safety of woodworking machines - Circular sawing machines - Part 10: Single blade automatic and semi-automatic up-cutting cross-cut sawing machines
167.	EN 1870-11:2013 Safety of woodworking machines - Circular sawing machines - Part 11: Semi automatic horizontal cross-cut sawing machines with one saw unit (radial arm saws)
168.	EN 1870-12:2013 Safety of woodworking machines - Circular sawing machines - Part 12: Pendulum cross-cut sawing machines
169.	EN 1870-15:2012 Safety of woodworking machines - Circular sawing machines - Part 15: Multi-blade cross-cut sawing machines with integrated feed of the workpiece and manual loading and/or unloading
170.	EN 1870-16:2012 Safety of woodworking machines - Circular sawing machines - Part 16: Double mitre sawing machines for V cutting
171.	EN 1870-17:2012+A1:2015 Safety of woodworking machines - Circular sawing machines - Part 17: Manual horizontal cutting cross-cut sawing machines with one saw unit (radial arm saws)
172.	EN 1889-2:2003+A1:2009 Machines for underground mines - Mobile machines working underground - Safety - Part 2: Rail locomotives

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173a.	EN 1915-1:2023 Aircraft ground support equipment – General requirements – Part 1: Basic safety requirements

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174.	EN 1915-2:2001+A1:2009 Aircraft ground support equipment - General requirements - Part 2: Stability and strength requirements, calculations and test methods
175.	EN 1915-3:2004+A1:2009 Aircraft ground support equipment - General requirements - Part 3: Vibration measurement methods and reduction
176.	EN 1915-4:2004+A1:2009 Aircraft ground support equipment - General requirements - Part 4: Noise measurement methods and reduction
177.	EN 1953:2013 Atomising and spraying equipment for coating materials - Safety requirements

▼M4

177a.	EN 1953:2025 Application equipment for coating materials – Safety requirements

▼B

178.	EN 1974:2020 Food processing machinery - Slicing machines - Safety and hygiene requirements
179.	EN ISO 2151:2008 Acoustics - Noise test code for compressors and vacuum pumps - Engineering method (Grade 2) (ISO 2151:2004)
180.	EN ISO 2860:2008 Earth-moving machinery - Minimum access dimensions (ISO 2860:1992)
181.	EN ISO 2867:2011 Earth-moving machinery - Access systems (ISO 2867:2011)

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182a.	EN ISO 3164:2013 Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection-limiting volume (ISO 3164:2013) EN ISO 3164:2013/A1:2024

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183.	EN ISO 3266:2010 Forged steel eyebolts grade 4 for general lifting purposes (ISO 3266:2010) EN ISO 3266:2010/A1:2015
184.	EN ISO 3411:2007 Earth-moving machinery - Physical dimensions of operators and minimum operator space envelope (ISO 3411:2007)
185.	EN ISO 3449:2008 Earth-moving machinery - Falling-object protective structures - Laboratory tests and performance requirements (ISO 3449:2005)
186.	EN ISO 3450:2011 Earth-moving machinery - Wheeled or high-speed rubber-tracked machines - Performance requirements and test procedures for brake systems (ISO 3450:2011)
187.	EN ISO 3457:2008 Earth-moving machinery - Guards - Definitions and requirements (ISO 3457:2003)
188.	EN ISO 3471:2008 Earth-moving machinery - Roll-over protective structures - Laboratory tests and performance requirements (ISO 3471:2008)
189.	EN ISO 3691-1:2015 Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011, including Cor 1:2013) EN ISO 3691-1:2015/AC:2016 EN ISO 3691-1:2015/A1:2020
▼M2	
189a.	EN ISO 3691-4:2023 Industrial trucks – Safety requirements and verification – Part 4: Driverless industrial trucks and their systems
▼B	
190.	EN ISO 3691-5:2015 Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014) EN ISO 3691-5:2015/A1:2020
191.	EN ISO 3691-6:2021 Industrial trucks - Safety requirements and verification - Part 6: Burden and personnel carriers (ISO 3691-6:2021)
▼M7	
191a.	EN ISO 3991:2025 Agricultural machinery – Robotic feed systems – Safety (ISO 3991:2025)
▼B	
192.	EN ISO 4254-1:2015 Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013) EN ISO 4254-1:2015/A1:2021

▼B

193.	EN ISO 4254-5:2018 Agricultural machinery - Safety - Part 5: Power-driven soil-working machines (ISO 4254-5:2018)
194.	EN ISO 4254-6:2020 Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2020) EN ISO 4254-6:2020/A11:2021
195.	EN ISO 4254-7:2017 Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harversters (ISO 4254-7:2017)
▼M7	
195a.	EN ISO 4254-7:2017 Agricultural machinery – Safety – Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harversters (ISO 4254-7:2017, Corrected version 2019-03) EN ISO 4254-7/A1:2026
▼B	
196.	EN ISO 4254-8:2018 Agricultural machinery - Safety - Part 8: Solid fertilizer distributors (ISO 4254-8:2018)
197.	EN ISO 4254-9:2018 Agricultural machinery - Safety - Part 9: Seed drills (ISO 4254-9:2018)
198.	EN ISO 4254-10:2009 Agricultural machinery - Safety - Part 10: Rotary tedders and rakes (ISO 4254-10:2009) EN ISO 4254-10:2009/AC:2010
199.	EN ISO 4254-11:2010 Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010) EN ISO 4254-11:2010/A1:2020
200.	EN ISO 4254-12:2012 Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (ISO 4254-12:2012) EN ISO 4254-12:2012/A1:2017
201.	EN ISO 4254-14:2016 Agricultural machinery - Safety - Part 14: Bale wrappers (ISO 4254-14:2016)
202.	EN ISO 4254-17:2022 Agricultural machinery - Safety - Part 17: Root crop harvesters (ISO 4254-17:2022)
▼M7	
202a.	EN ISO 4254-20:2025 Agricultural machinery – Safety – Part 20: Grape, olives and coffee harvesters (ISO 4254-20:2025)
▼B	
203.	EN ISO 5010:2019 Earth-moving machinery - Wheeled machines - Steering requirements (ISO 5010:2019)

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204.	EN ISO 5395-1:2013 Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 1: Terminology and common tests (ISO 5395-1:2013) EN ISO 5395-1:2013/A1:2018
205.	EN ISO 5395-2:2013 Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (ISO 5395-2:2013) EN ISO 5395-2:2013/A1:2016 EN ISO 5395-2:2013/A2:2017
206.	EN ISO 5395-3:2013 Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013) EN ISO 5395-3:2013/A1:2017 EN ISO 5395-3:2013/A2:2018
207.	EN ISO 5674:2009 Tractors and machinery for agriculture and forestry - Guards for power take-off (PTO) drive-shafts - Strength and wear tests and acceptance criteria (ISO 5674:2004, corrected version 2005-07-01)
208.	EN ISO 6682:2008 Earth-moving machinery - Zones of comfort and reach for controls (ISO 6682:1986, including Amd 1:1989)
209.	EN ISO 6683:2008 Earth-moving machinery - Seat belts and seat belt anchorages - Performance requirements and tests (ISO 6683:2005)

▼M7

209a.	EN ISO 6909:2026 Machine tools – Safety – Press brakes (ISO 6909:2026)

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210.	EN ISO 7096:2020 Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020)
211.	EN ISO 8230-1:2008 Safety requirements for dry-cleaning machines - Part 1: Common safety requirements (ISO 8230-1:2008)
212.	EN ISO 8230-2:2008 Safety requirements for dry-cleaning machines - Part 2: Machines using perchloroethylene (ISO 8230-2:2008)
213.	EN ISO 8230-3:2008 Safety requirements for dry-cleaning machines - Part 3: Machines using combustible solvents (ISO 8230-3:2008)

▼M7

213a.	EN ISO 8437-1:2021 Snow throwers – Safety requirements and test procedures – Part 1: Terminology and common tests (ISO 8437-1:2019/Amd 1:2026) EN ISO 8437-1:2021/A1:2026
213b.	EN ISO 8437-2:2021 Snow throwers – Safety requirements and test procedures – Part 2: Pedestrian-controlled snow throwers (ISO 8437-2:2019/Amd 1:2026) EN ISO 8437-2:2021/A1:2026
213c.	EN ISO 8437-3:2021 Snow throwers – Safety requirements and test procedures – Part 3: Ride-on snow throwers (ISO 8437-3:2019/Amd 1:2026) EN ISO 8437-3:2021/A1:2026
213d.	EN ISO 8437-4:2021 Snow throwers – Safety requirements and test procedures – Part 4: Additional national and regional requirements (ISO 8437-4:2019/Amd 1:2026) EN ISO 8437-4:2021/A1:2026

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214.	EN ISO 8528-10:2022 Reciprocating internal combustion engine driven alternating current generating sets - Part 10: Measurement of airborne noise (ISO 8528-10:2022)
215.	EN ISO 8528-13:2016 Reciprocating internal combustion engine driven alternating current generating sets - Part 13: Safety (ISO 8528-13:2016, Corrected version 2016-10-15)

▼M7

215a.	EN ISO 8528-13:2026 Reciprocating internal combustion engine driven alternating current generating sets – Part 13: Safety (ISO 8528-13:2026)

▼B

216.	EN ISO 9902-1:2001 Textile machinery - Noise test code - Part 1: Common requirements (ISO 9902-1:2001) EN ISO 9902-1:2001/A1:2009 EN ISO 9902-1:2001/A2:2014
217.	EN ISO 9902-2:2001 Textile machinery - Noise test code - Part 2: Spinning preparatory and spinning machinery (ISO 9902-2:2001) EN ISO 9902-2:2001/A1:2009 EN ISO 9902-2:2001/A2:2014
218.	EN ISO 9902-3:2001 Textile machinery - Noise test code - Part 3: Nonwoven machinery (ISO 9902-3:2001) EN ISO 9902-3:2001/A1:2009 EN ISO 9902-3:2001/A2:2014
219.	EN ISO 9902-4:2001 Textile machinery - Noise test code - Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 9902-4:2001) EN ISO 9902-4:2001/A1:2009 EN ISO 9902-4:2001/A2:2014

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220.	EN ISO 9902-5:2001 Textile machinery - Noise test code - Part 5: Weaving and knitting preparatory machinery (ISO 9902-5:2001) EN ISO 9902-5:2001/A1:2009 EN ISO 9902-5:2001/A2:2014
221.	EN ISO 9902-6:2001 Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2001) EN ISO 9902-6:2001/A1:2009 EN ISO 9902-6:2001/A2:2014
222.	EN ISO 9902-7:2001 Textile machinery - Noise test code - Part 7: Dyeing and finishing machinery (ISO 9902-7:2001) EN ISO 9902-7:2001/A1:2009 EN ISO 9902-7:2001/A2:2014
223.	EN ISO 10218-1:2011 Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots (ISO 10218-1:2011)

▼M7

223a.	EN ISO 10218-1:2025 Robotics – Safety requirements – Part 1: Industrial robots (ISO 10218-1:2025)

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224.	EN ISO 10218-2:2011 Robots and robotic devices - Safety requirements for industrial robots - Part 2: Robot systems and integration (ISO 10218-2:2011)

▼M7

224a.	EN ISO 10218-2:2025 Robotics – Safety requirements – Part 2: Industrial robot applications and robot cells (ISO 10218-2:2025)

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225.	EN ISO 10472-1:2008 Safety requirements for industrial laundry machinery - Part 1: Common requirements (ISO 10472-1:1997)
226.	EN ISO 10472-2:2008 Safety requirements for industrial laundry machinery - Part 2: Washing machines and washer-extractors (ISO 10472-2:1997)
227.	EN ISO 10472-3:2008 Safety requirements for industrial laundry machinery - Part 3: Washing tunnel lines including component machines (ISO 10472-3:1997)
228.	EN ISO 10472-4:2008 Safety requirements for industrial laundry machinery - Part 4: Air dryers (ISO 10472-4:1997)
229.	EN ISO 10472-5:2008 Safety requirements for industrial laundry machinery - Part 5: Flatwork ironers, feeders and folders (ISO 10472-5:1997)

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230.	EN ISO 10472-6:2008 Safety requirements for industrial laundry machinery - Part 6: Ironing and fusing presses (ISO 10472-6:1997)
231.	EN ISO 10517:2019 Powered hand-held hedge trimmers - Safety (ISO 10517:2019)
232.	EN ISO 10821:2005 Industrial sewing machines - Safety requirements for sewing machines, units and systems (ISO 10821:2005) EN ISO 10821:2005/A1:2009
233.	EN ISO 11102-1:2009 Reciprocating internal combustion engines - Handle starting equipment - Part 1: Safety requirements and tests (ISO 11102-1:1997)
234.	EN ISO 11102-2:2009 Reciprocating internal combustion engines - Handle starting equipment - Part 2: Method of testing the angle of disengagement (ISO 11102-2:1997)
235.	EN ISO 11111-1:2016 Textile machinery - Safety requirements - Part 1: Common requirements (ISO 11111-1:2016)
236.	EN ISO 11111-2:2005 Textile machinery - Safety requirements - Part 2: Spinning preparatory and spinning machines (ISO 11111-2:2005) EN ISO 11111-2:2005/A1:2009 EN ISO 11111-2:2005/A2:2016
237.	EN ISO 11111-3:2005 Textile machinery - Safety requirements - Part 3: Nonwoven machinery (ISO 11111-3:2005) EN ISO 11111-3:2005/A1:2009 EN ISO 11111-3:2005/A2:2016
238.	EN ISO 11111-4:2005 Textile machinery - Safety requirements - Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 11111-4:2005) EN ISO 11111-4:2005/A1:2009 EN ISO 11111-4:2005/A2:2016
239.	EN ISO 11111-5:2005 Textile machinery - Safety requirements - Part 5: Preparatory machinery to weaving and knitting (ISO 11111-5:2005) EN ISO 11111-5:2005/A1:2009 EN ISO 11111-5:2005/A2:2016
240.	EN ISO 11111-6:2005 Textile machinery - Safety requirements - Part 6: Fabric manufacturing machinery (ISO 11111-6:2005) EN ISO 11111-6:2005/A1:2009 EN ISO 11111-6:2005/A2:2016
241.	EN ISO 11111-7:2005 Textile machinery - Safety requirements - Part 7: Dyeing and finishing machinery (ISO 11111-7:2005) EN ISO 11111-7:2005/A1:2009 EN ISO 11111-7:2005/A2:2016

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242.	EN ISO 11145:2016 Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols (ISO 11145:2016)
243.	EN ISO 11148-1:2011 Hand-held non-electric power tools - Safety requirements - Part 1: Assembly power tools for non-threaded mechanical fasteners (ISO 11148-1:2011)
244.	EN ISO 11148-2:2011 Hand-held non-electric power tools - Safety requirements - Part 2: Cutting-off and crimping power tools (ISO/FDIS 11148-2:2011)
245.	EN ISO 11148-3:2012 Hand-held non-electric power tools - Safety requirements - Part 3: Drills and tappers (ISO 11148-3:2012)
246.	EN ISO 11148-4:2012 Hand-held non-electric power tools - Safety requirements - Part 4: Non-rotary percussive power tools (ISO 11148-4:2012)
247.	EN ISO 11148-5:2011 Hand-held non-electric power tools - Safety requirements - Part 5: Rotary percussive drills (ISO 11148-5:2011)
248.	EN ISO 11148-6:2012 Hand-held non-electric power tools - Safety requirements - Part 6: Assembly power tools for threaded fasteners (ISO 11148-6:2012)
249.	EN ISO 11148-7:2012 Hand-held non-electric power tools - Safety requirements - Part 7: Grinders (ISO 11148-7:2012)
250.	EN ISO 11148-8:2011 Hand-held non-electric power tools - Safety requirements - Part 8: Sanders and polishers (ISO 11148-8:2011)
251.	EN ISO 11148-9:2011 Hand-held non-electric power tools - Safety requirements - Part 9: Die grinders (ISO 11148-9:2011)
252.	EN ISO 11148-10:2011 Hand-held non-electric power tools - Safety requirements - Part 10: Compression power tools (ISO 11148-10:2011)
253.	EN ISO 11148-11:2011 Hand-held non-electric power tools - Safety requirements - Part 11: Nibblers and shears (ISO 11148-11:2011)
254.	EN ISO 11148-12:2012 Hand-held non-electric power tools - Safety requirements - Part 12: Circular, oscillating and reciprocating saws (ISO 11148-12:2012)
255.	EN ISO 11148-13:2018 Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools (ISO 11148-13:2017)
256.	EN ISO 11252:2013 Lasers and laser-related equipment - Laser device - Minimum requirements for documentation (ISO 11252:2013)
257.	EN ISO 11553-2:2008 Safety of machinery - Laser processing machines - Part 2: Safety requirements for hand-held laser processing devices (ISO 11553-2:2007)
258.	EN ISO 11553-3:2013 Safety of machinery - Laser processing machines - Part 3: Noise reduction and noise measurement methods for laser processing machines and hand-held processing devices and associated auxiliary equipment (accuracy grade 2) (ISO 11553-3:2013)

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260.	EN ISO 11680-1:2021 Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2021)
261.	EN ISO 11680-2:2021 Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 2: Machines for use with backpack power source (ISO 11680-2:2021)

▼M7

261a.	EN ISO 11680:2025 Machinery for forestry – Safety requirements and testing for portable pole mounted powered pruners (ISO 11680:2025)

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262.	EN ISO 11681-1:2022 Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO 11681-1:2022)
263.	EN ISO 11681-2:2022 Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2022)
264.	EN ISO 11806-1:2022 Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine (ISO 11806-1:2022)
265.	EN ISO 11806-2:2022 Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with backpack power unit (ISO 11806-2:2022)
266.	EN ISO 11850:2011 Machinery for forestry - General safety requirements (ISO 11850:2011) EN ISO 11850:2011/A1:2016 EN ISO 11850:2011/A2:2022 Restriction: With regard to paragraph 4.4 a), first paragraph, first indentation, as well as reference to standard EN ISO 2867:2011, table 6 to paragraphs 8 and 9, maximum dimension for ‘A’ and note a) maximum first step height dimension, this publication does not confer a presumption of conformity to the essential health and safety requirements 1.1.6., 1.5.15. and 1.6.2. of Annex I to Directive 2006/42/EC.
267.	EN 12001:2012 Conveying, spraying and placing machines for concrete and mortar - Safety requirements
268.	EN 12012-1:2018 Plastics and rubber machines - Size reduction machines - Part 1: Safety requirements for blade granulators and shredders
269.	EN 12012-4:2019+A1:2021 Plastics and rubber machines - Size reduction machines - Part 4: Safety requirements for agglomerators

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270.	EN 12013:2018 Plastics and rubber machines - Internal mixers - Safety requirements
271.	EN 12016:2013 Electromagnetic compatibility - Product family standard for lifts, escalators and moving walks - Immunity
272.	EN 12041:2014 Food processing machinery - Moulders - Safety and hygiene requirements
273.	EN 12042:2014 Food processing machinery - Automatic dough dividers - Safety and hygiene requirements
274.	EN 12043:2014 Food processing machinery - Intermediate provers - Safety and hygiene requirements
275.	EN 12044:2005+A1:2009 Footwear, leather and imitation leather goods manufacturing machines - Cutting and punching machines - Safety requirements
276.	EN 12053:2001+A1:2008 Safety of industrial trucks - Test methods for measuring noise emissions
277.	EN 12077-2:1998+A1:2008 Cranes safety - Requirements for health and safety - Part 2: Limiting and indicating devices

▼M4

277a.	EN 12077-2:2024 Cranes safety – Requirements for health and safety – Part 2: Limiting and indicating devices

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278.	EN 12110:2014 Tunnelling machines - Air locks - Safety requirements
279.	EN 12111:2014 Tunnelling machines - Road headers and continuous miners - Safety requirements
280.	EN 12158-1:2021 Builders' hoists for goods - Part 1: Hoists with accessible platforms
281.	EN 12158-2:2000+A1:2010 Builders' hoists for goods - Part 2: Inclined hoists with non-accessible load carrying devices

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282.	EN 12159:2012 Builders hoists for persons and materials with vertically guided cages

▼M4

282a.	EN 12159:2024 Builders hoists for persons and materials with vertically guided cages

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283.	EN 12162:2001+A1:2009 Liquid pumps - Safety requirements - Procedure for hydrostatic testing
284.	EN 12203:2003+A1:2009 Footwear, leather and imitation leather goods manufacturing machines - Shoe and leather presses - Safety requirements
285.	EN 12267:2003+A1:2010 Food processing machinery - Circular saw machines - Safety and hygiene requirements
286.	EN 12268:2014 Food processing machinery - Band saw machines - Safety and hygiene requirements
287.	EN 12301:2019 Plastics and rubber machines - Calenders - Safety requirements EN 12301:2019/AC:2021
288.	EN 12312-1:2013 Aircraft ground support equipment - Specific requirements - Part 1: Passenger stairs

▼M7

288a.	EN 12312-1:2024 Aircraft ground support equipment – Specific requirements – Part 1: Passenger stairs

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289.	EN 12312-2:2014 Aircraft ground support equipment - Specific requirements - Part 2: Catering vehicles
290.	EN 12312-3:2017+A1:2020 Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles
291.	EN 12312-4:2014 Aircraft ground support equipment - Specific requirements - Part 4: Passenger boarding bridges

▼M4

291a.	EN 12312-4:2024 Aircraft ground support equipment – Specific requirements – Part 4: Passenger boarding bridges

▼B

292.	EN 12312-5:2021 Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment

▼M4

292a.	EN 12312-5:2021+A1:2025 Aircraft ground support equipment – Specific requirements – Part 5: Aircraft fuelling equipment

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293.	EN 12312-6:2017 Aircraft ground support equipment - Specific requirements - Part 6: Deicers and de-icing/anti-icing equipment
294.	EN 12312-7:2020 Aircraft ground support equipment - Specific requirements - Part 7: Aircraft movement equipment
295.	EN 12312-8:2018 Aircraft ground support equipment - Specific requirements - Part 8: Maintenance or service stairs and platforms
296.	EN 12312-9:2013 Aircraft ground support equipment - Specific requirements - Part 9: Container/Pallet loaders
297.	EN 12312-10:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 10: Container/Pallet transfer transporters
298.	EN 12312-12:2017 Aircraft ground support equipment - Specific requirements - Part 12: Potable water service equipment
299.	EN 12312-13:2017 Aircraft ground support equipment - Specific requirements - Part 13: Lavatory service equipment
300.	EN 12312-14:2014 Aircraft ground support equipment - Specific requirements - Part 14: Disabled/incapacitated passenger boarding vehicles
301.	EN 12312-15:2006+A1:2009 Aircraft ground support equipment - Specific requirements - Part 15: Baggage and equipment tractors

▼M6

301a.	EN 12312-15:2020+A2:2025 Aircraft ground support equipment – Specific requirements – Part 15: Baggage and equipment tractors

▼B

302.	EN 12312-16:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 16: Air start equipment
303.	EN 12312-17:2004+A1:2009 Aircraft ground support equipment - Specific requirements - Part 17: Air conditioning equipment

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304.	EN 12312-18:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 18: Nitrogen or Oxygen units
305.	EN 12312-19:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 19: Aircraft jacks, axle jacks and hydraulic tail stanchions
306.	EN 12312-20:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 20: Electrical ground power units
307.	EN 12321:2003+A1:2009 Underground mining machinery - Specification for the safety requirements of armoured face conveyors
308.	EN 12331:2021 Food processing machinery - Mincing machines - Safety and hygiene requirements
309.	EN 12348:2000+A1:2009 Core drilling machines on stand - Safety
310.	EN 12355:2022 Food processing machinery - Derinding-, skinning- and membrane removal machines - Safety and hygiene requirements
311.	EN 12385-1:2002+A1:2008 Steel wire ropes - Safety - Part 1: General requirements
312.	EN 12385-2:2002+A1:2008 Steel wire ropes - Safety - Part 2: Definitions, designation and classification
313.	EN 12385-3:2004+A1:2008 Steel wire ropes - Safety - Part 3: Information for use and maintenance
314.	EN 12385-4:2002+A1:2008 Steel wire ropes - Safety - Part 4: Stranded ropes for general lifting applications

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315.	EN 12385-5:2021 Steel wire ropes - Safety - Part 5: Stranded ropes for lifts EN 12385-5:2021/AC:2021
316.	EN 12385-10:2003+A1:2008 Steel wire ropes - Safety - Part 10: Spiral ropes for general structural applications
317.	EN 12387:2005+A1:2009 Footwear, leather and imitation leather goods manufacturing machines - Modular shoe repair equipment - Safety requirements
318.	EN 12409:2008+A1:2011 Plastics and rubber machines - Thermoforming machines - Safety requirements
319.	EN 12417:2001+A2:2009 Machine tools - Safety - Machining centres EN 12417:2001+A2:2009/AC:2010
320.	EN 12418:2021 Masonry and stone cutting-off machines for job site - Safety
321.	EN 12453:2017+A1:2021 Industrial, commercial and garage doors and gates - Safety in use of power operated doors - Requirements and test methods
322.	EN 12463:2004+A1:2011 Food processing machinery - Filling machines and auxiliary machines - Safety and hygiene requirements
323.	EN 12505:2000+A1:2009 Food processing machinery - Centrifugal machines for processing edible oils and fats - Safety and hygiene requirements
▼M1 ———	
324a.	EN 12525:2000+A2:2010 Agricultural machinery – Front loaders – Safety Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in point 1.1.2. of Annex I to Directive 2006/42/EC, which requires technical measures, and not organisational ones such as protective structures specifically mitigating falling objects instead of addressing other accident scenarios including vehicle roll-over events, and point 1.7.4.2 (l) of Annex I to Directive 2006/42/EC, which requires information about the residual risks that remain despite the inherent safe design measures, safeguarding and complementary protective measures adopted.
▼B 325.	EN 12545:2000+A1:2009 Footwear, leather and imitation leather goods manufacturing machines - Noise test code - Common requirements

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326.	EN 12547:2014 Centrifuges - Common safety requirements
327.	EN 12549:1999+A1:2008 Acoustics - Noise test code for fastener driving tools - Engineering method
328.	EN 12581:2005+A1:2010 Coating plants - Machinery for dip coating and electrodeposition of organic liquid coating material - Safety requirements
329.	EN 12609:2021 Truck mixers - Safety requirements
330.	EN 12621:2006+A1:2010 Machinery for the supply and circulation of coating materials under pressure - Safety requirements

▼M4

330a.	EN 12621:2025 Machinery for supply and circulation of liquid coating materials – Safety requirements

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331.	EN 12622:2009+A1:2013 Safety of machine tools - Hydraulic press brakes
332.	EN 12629-1:2000+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 1: Common requirements
333.	EN 12629-2:2002+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 2: Block making machines
334.	EN 12629-3:2002+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 3: Slide and turntable machines
335.	EN 12629-4:2001+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 4: Concrete roof tile making machines
336.	EN 12629-5-1:2003+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 5-1: Pipe making machines manufacturing in the vertical axis
337.	EN 12629-5-2:2003+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 5-2: Pipe making machines manufacturing in the horizontal axis

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338.	EN 12629-5-3:2003+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 5-3: Pipe prestressing machines
339.	EN 12629-5-4:2003+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 5-4: Concrete pipe coating machines
340.	EN 12629-6:2004+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 6: Stationary and mobile equipment for the manufacture of precast reinforced products
341.	EN 12629-7:2004+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 7: Stationary and mobile equipment for long line manufacture of prestressed products
342.	EN 12629-8:2002+A1:2010 Machines for the manufacture of constructional products from concrete and calcium-silicate - Safety - Part 8: Machines and equipment for the manufacture of constructional products from calcium-silicate (and concrete)
343.	EN 12635:2002+A1:2008 Industrial, commercial and garage doors and gates - Installation and use Restriction: With regard to paragraph 5.1 and Annex D, this publication does not concern the reference to EN 12453:2000, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.1.2, 1.1.6, 1.2.1, 1.3.7, 1.3.8.2, 1.4.1, 1.4.3 and 1.5.14 of Annex I to Directive 2006/42/EC.
344.	EN 12644-1:2001+A1:2008 Cranes - Information for use and testing - Part 1: Instructions
345.	EN 12644-2:2000+A1:2008 Cranes - Information for use and testing - Part 2: Marking
346.	EN 12649:2008+A1:2011 Concrete compactors and smoothing machines - Safety
347.	EN 12653:1999+A2:2009 Footwear, leather and imitation leather manufacturing machines - Nailing machines - Safety requirements
348.	EN 12693:2008 Refrigerating systems and heat pumps - Safety and environmental requirements - Positive displacement refrigerant compressors

▼M7

348a.	EN 12693:2026 Refrigerating systems and heat pumps – Safety and environmental requirements – Positive displacement refrigerant compressors

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349.	EN 12717:2001+A1:2009 Safety of machine tools - Drilling machines
350.	EN 12733:2018 Agricultural and forestry machinery - Pedestrian controlled motor mowers - Safety
351.	EN 12753:2005+A1:2010 Thermal cleaning systems for exhaust gas from surface treatment equipment - Safety requirements
352.	EN 12757-1:2005+A1:2010 Mixing machinery for coating materials - Safety requirements - Part 1: Mixing machinery for use in vehicle refinishing
353.	EN 12779:2015 Safety of woodworking machines - Chip and dust extraction systems with fixed installation - Safety requirements
354.	EN 12852:2001+A1:2010 Food processing machinery - Food processors and blenders - Safety and hygiene requirements
355.	EN 12853:2001+A1:2010 Food processing machinery - Hand-held blenders and whisks - Safety and hygiene requirements EN 12853:2001+A1:2010/AC:2010
356.	EN 12854:2003+A1:2010 Food processing machinery - Beam mixers - Safety and hygiene requirements
357.	EN 12855:2003+A1:2010 Food processing machinery - Rotating bowl cutters - Safety and hygiene requirements
358.	EN 12881-1:2014 Conveyor belts - Fire simulation flammability testing - Part 1: Propane burner tests
359.	EN 12881-2:2005+A1:2008 Conveyor belts - Fire simulation flammability testing - Part 2: Large scale fire test
360.	EN 12882:2015 Conveyor belts for general purpose use - Electrical and flammability safety requirements
361.	EN 12921-1:2005+A1:2010 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours - Part 1: Common safety requirements

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362.	EN 12921-2:2005+A1:2008 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours - Part 2: Safety of machines using water based cleaning liquids
363.	EN 12921-3:2005+A1:2008 Machines for surface cleaning and pre-treatment of industrial items using liquids or vapours - Part 3: Safety of machines using flammable cleaning liquids
364.	EN 12921-4:2005+A1:2008 Machines for surface cleaning and pretreatment of industrial items using liquids and vapours - Part 4: Safety of machines using halogenated solvents
365.	EN 12965:2019 Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety

▼M6

365a.	EN 12965:2019+A1:2025 Tractors and machinery for agriculture and forestry – Power take-off (PTO) drive shafts and their guards – Safety

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366.	EN 12978:2003+A1:2009 Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods

▼M4

366a.	EN 12978:2024 Industrial, commercial and garage doors and gates and pedestrian doorsets – Protective devices for power operated doors and gates – Requirements and test methods

▼B

367.	EN 12984:2005+A1:2010 Food processing machinery - Portable and/or hand-guided machines and appliances with mechanically driven cutting tools - Safety and hygiene requirements
368.	EN 12999:2020 Cranes - Loader cranes

▼M6

368a.	EN 12999:2020+A1:2025 Cranes – Loader cranes

▼B

369.	EN 13000:2010+A1:2014 Cranes - Mobile cranes
370.	EN 13001-1:2015 Cranes - General design - Part 1: General principles and requirements
371.	EN 13001-2:2021 Crane safety - General design - Part 2: Load actions

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372.	EN 13001-3-1:2012+A2:2018 Cranes - General Design - Part 3-1: Limit States and proof competence of steel structure

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372a.	EN 13001-3-1:2025 Cranes – General design – Part 3-1: Limit states and proof competence of steel structure

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373.	EN 13001-3-2:2014 Cranes - General design - Part 3-2: Limit states and proof of competence of wire ropes in reeving systems
374.	EN 13001-3-3:2014 Cranes - General design - Part 3-3: Limit states and proof of competence of wheel/rail contacts
375.	EN 13001-3-5:2016+A1:2021 Cranes - General design - Part 3-5: Limit states and proof of competence of forged and cast hooks

▼M7

375a.	EN 13001-3-5:2025 Cranes – General design – Part 3-5: Limit states and proof of competence of forged and cast hooks

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376.	EN 13001-3-6:2018+A1:2021 Cranes - General design - Part 3-6: Limit states and proof of competence of machinery - Hydraulic cylinders
377.	EN 13015:2001+A1:2008 Maintenance for lifts and escalators - Rules for maintenance instructions
378.	EN 13020:2015 Road surface treatment machines - Safety requirements
379.	EN 13023:2003+A1:2010 Noise measurement methods for printing, paper converting, paper making machines and auxiliary equipment - Accuracy grades 2 and 3
380.	EN 13035-1:2008 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 1: Storage, handling and transportation equipment inside the factory
381.	EN 13035-2:2008 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 2: Storage, handling and transportation equipment outside the factory
382.	EN 13035-3:2003+A1:2009 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 3: Cutting machines EN 13035-3:2003+A1:2009/AC:2010

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383.	EN 13035-4:2003+A1:2009 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 4: Tilting tables
384.	EN 13035-5:2006+A1:2009 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 5: Machines and installations for stacking and de-stacking
385.	EN 13035-6:2006+A1:2009 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 6: Machines for break-out
386.	EN 13035-7:2006+A1:2009 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 7: Cutting machines for laminated glass
387.	EN 13035-9:2006+A1:2010 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 9: Washing installations
388.	EN 13035-11:2006+A1:2010 Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 11: Drilling machines
389.	EN 13042-1:2007+A1:2009 Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 1: Gob feeder
390.	EN 13042-2:2004+A1:2009 Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 2: Handling machines for feeding
391.	EN 13042-3:2007+A1:2009 Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 3: IS machines
392.	EN 13042-5:2003+A1:2009 Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 5: Presses
393.	EN 13059:2002+A1:2008 Safety of industrial trucks - Test methods for measuring vibration
394.	EN 13102:2005+A1:2008 Ceramic machines - Safety - Loading and unloading of fine clay tiles
395.	EN 13112:2002+A1:2009 Tannery machines - Splitting and bandknife shearing machines - Safety requirements

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396.	EN 13113:2002+A1:2010 Tannery machines - Roller coating machines - Safety requirements
397.	EN 13114:2002+A1:2009 Tannery machines - Rotating process vessels - Safety requirements
398.	EN 13120:2009+A1:2014 Internal blinds - Performance requirements including safety EN 13120:2009+A1:2014/AC:2015
399.	EN 13128:2001+A2:2009 Safety of machine tools - Milling machines (including boring machines) EN 13128:2001+A2:2009/AC:2010
400.	EN 13135:2013+A1:2018 Cranes - Safety - Design - Requirements for equipment
401.	EN 13155:2003+A2:2009 Cranes - Safety - Non-fixed load lifting attachments
▼M7	
401a.	EN 13155:2020+A1:2025 Crane – Safety – Non-fixed load lifting attachments EN 13155:2020+A1:2025/AC:2026
▼B	
402.	EN 13157:2004+A1:2009 Cranes - Safety - Hand powered cranes
403.	EN 13204:2016 Double acting hydraulic rescue tools for fire and rescue service use - Safety and performance requirements
▼M6	
403a.	EN 13204:2025 Powered rescue tools for fire and rescue service use – Safety and performance requirements
▼B	
404.	EN 13208:2003+A1:2010 Food processing machinery - Vegetable peelers - Safety and hygiene requirements
405.	EN 13241:2003+A2:2016 Industrial, commercial, garage doors and gates — Product standard, performance characteristics Restriction: With regard to paragraphs 4.2.2, 4.2.6, 4.3.2, 4.3.3, 4.3.4, 4.3.6, this publication does not concern the reference to EN 12453:2000, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.3.7 and 1.4.3 of Annex I to Directive 2006/42/EC.
406.	EN 13288:2005+A1:2009 Food processing machinery - Bowl lifting and tilting machines - Safety and hygiene requirements

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406a.	EN 13288:2025 Food processing machinery – Bowl lifting and tilting machines – Safety and hygiene requirements

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407.	EN 13289:2001+A1:2013 Pasta processing plants - Dryers and coolers - Safety and hygiene requirements
408.	EN 13367:2005+A1:2008 Ceramic machines - Safety - Transfer platforms and cars EN 13367:2005+A1:2008/AC:2009
409.	EN 13378:2001+A1:2013 Pasta processing plants - Pasta presses - Safety and hygiene requirements
410.	EN 13379:2001+A1:2013 Pasta processing plants - Spreader, stripping and cutting machine, stick return conveyor, stick magazine - Safety and hygiene requirements
411.	EN 13389:2005+A1:2009 Food processing machinery - Mixers with horizontal shafts - Safety and hygiene requirements
412.	EN 13390:2002+A1:2009 Food processing machinery - Pie and tart machines - Safety and hygiene requirements
413.	EN 13414-1:2003+A2:2008 Steel wire rope slings - Safety - Part 1: Slings for general lifting service
414.	EN 13414-2:2003+A2:2008 Steel wire rope slings - Safety - Part 2: Specification for information for use and maintenance to be provided by the manufacturer
415.	EN 13414-3:2003+A1:2008 Steel wire rope slings - Safety - Part 3: Grommets and cable-laid slings
416.	EN 13418:2013 Plastics and rubber machines - Winding machines for film or sheet - Safety requirements
417.	EN 13448:2001+A1:2009 Agricultural and forestry machinery - Inter-row mowing units - Safety
418.	EN 13457:2004+A1:2010 Footwear, leather and imitation leather goods manufacturing machines - Splitting, skiving, cutting, cementing and cement drying machines - Safety requirements
419.	EN ISO 13482:2014 Robots and robotic devices - Safety requirements for personal care robots (ISO 13482:2014)
420.	EN 13525:2020 Forestry machinery - Wood chippers - Safety

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421.	EN 13531:2001+A1:2008 Earth-moving machinery - Tip-over protection structure (TOPS) for compact excavators - Laboratory tests and performance requirements (ISO 12117:1997 modified)
422.	EN 13534:2006+A1:2010 Food processing machinery - Curing injection machines - Safety and hygiene requirements
▼M3 ———	
423a.	EN 13557:2024 Cranes - Control devices and control stations
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424.	EN 13561:2015 External blinds and awnings - Performance requirements including safety EN 13561:2015/AC:2016
425.	EN 13570:2005+A1:2010 Food processing machinery - Mixing machines - Safety and hygiene requirements
426.	EN 13586:2020 Cranes - Access
427.	EN 13591:2005+A1:2009 Food processing machinery - Fixed deck oven loaders - Safety and hygiene requirements
428.	EN 13617-1:2021 Petrol filling stations - Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units
429.	EN 13621:2004+A1:2010 Food processing machinery - Salad dryers - Safety and hygiene requirements
430.	EN 13659:2015 Shutters and external venetian blinds - Performance requirements including safety
431.	EN 13675:2004+A1:2010 Safety of machinery - Safety requirements for tube forming and rolling mills and their finishing line equipment
432.	EN 13683:2003+A2:2011 Garden equipment - Integrally powered shredders/chippers - Safety EN 13683:2003+A2:2011/AC:2013
433.	EN 13684:2018 Garden equipment - Pedestrian controlled lawn aerators and scarifiers - Safety
▼M4	
433a.	EN 13684:2018+A1:2024 Garden equipment – Pedestrian controlled lawn aerators and scarifiers – Safety

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434.	EN 13731:2007 Lifting bag systems for fire and rescue service use - Safety and performance requirements
435.	EN 13732:2022 Food processing machinery - Bulk milk coolers on farms - Requirements for performance, safety and hygiene
436.	EN ISO 13766-2:2018 Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018)
437.	EN 13852-1:2013 Cranes - Offshore cranes - Part 1: General-purpose offshore cranes

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437a.	EN 13852-1:2025 Cranes – Offshore cranes – Part 1: General-purpose offshore cranes

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438.	EN 13852-3:2021 Cranes - Offshore cranes - Part 3: Light offshore cranes
439.	EN 13862:2021 Floor cutting-off machines - Safety
440.	EN 13870:2015+A1:2021 Food processing machinery - Portion cutting machines - Safety and hygiene requirements
441.	EN 13871:2014 Food processing machinery - Cubes cutting machinery - Safety and hygiene requirements
442.	EN 13885:2022 Food processing machinery - Clipping machines - Safety and hygiene requirements
443.	EN 13886:2005+A1:2010 Food processing machinery - Cooking kettles equipped with powered stirrer and/or mixer - Safety and hygiene requirements
444.	EN 13889:2003+A1:2008 Forged steel shackles for general lifting purposes - Dee shackles and bow shackles - Grade 6 - Safety
445.	EN 13951:2012 Liquid pumps - Safety requirements - Agrifoodstuffs equipment; Design rules to ensure hygiene in use

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446.	EN 13954:2005+A1:2010 Food processing machinery - Bread slicers - Safety and hygiene requirements
447.	EN 13977:2011 Railway applications - Track - Safety requirements for portable machines and trolleys for construction and maintenance
448.	EN 13985:2003+A1:2009 Machine tools - Safety - Guillotine shears
449.	EN 14010:2003+A1:2009 Safety of machinery - Equipment for power driven parking of motor vehicles - Safety and EMC requirements for design, manufacturing, erection and commissioning stages
450.	EN 14033-3:2017 Railway applications - Track - Railbound construction and maintenance machines - Part 3: General safety requirements
451.	EN 14033-4:2019 Railway applications - Track - Railbound construction and maintenance machines - Part 4: Technical requirements for running, travelling and working on urban rail
452.	EN 14043:2014 High rise aerial appliances for fire and rescue service use - Turntable ladders with combined movements - Safety and performance requirements and test methods
453.	EN 14044:2014 High rise aerial appliances for fire and rescue service use - Turntable ladders with sequential movements - Safety and performance requirements and test methods
454.	EN 14070:2003+A1:2009 Safety of machine tools - Transfer and special-purpose machines EN 14070:2003+A1:2009/AC:2010
455.	EN 14238:2004+A1:2009 Cranes - Manually controlled load manipulating devices
456.	EN ISO 14314:2009 Reciprocal internal combustion engines - Recoil starting equipment - General safety requirements (ISO 14314:2004)
457.	EN 14439:2006+A2:2009 Cranes - Safety - Tower cranes

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457a.	EN 14439:2025 Cranes – Tower cranes EN 14439:2025/AC:2026

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458.	EN 14462:2005+A1:2009 Surface treatment equipment - Noise test code for surface treatment equipment including its ancillary handling equipment - Accuracy grades 2 and 3
459.	EN 14466:2005+A1:2008 Fire-fighting pumps - Portable pumps - Safety and performance requirements, tests
460.	EN 14492-1:2006+A1:2009 Cranes - Power driven winches and hoists - Part 1: Power driven winches EN 14492-1:2006+A1:2009/AC:2010
461.	EN 14492-2:2006+A1:2009 Cranes - Power driven winches and hoists - Part 2: Power driven hoists EN 14492-2:2006+A1:2009/AC:2010
462.	EN 14502-2:2005+A1:2008 Cranes - Equipment for the lifting of persons - Part 2: Elevating control stations
463.	EN 14655:2005+A1:2010 Food processing machinery - Baguette slicers - Safety and hygiene requirements
464.	EN 14656:2006+A1:2010 Safety of machinery - Safety requirements for extrusion presses for steel and non-ferrous metals
465.	EN 14658:2005+A1:2010 Continuous handling equipment and systems - General safety requirements for continuous handling equipment for opencast lignite mining
466.	EN 14673:2006+A1:2010 Safety of machinery - Safety requirements for hydraulically powered open die hot forging presses for the forging of steel and non-ferrous metals
467.	EN 14677:2008 Safety of machinery - Secondary steelmaking - Machinery and equipment for treatment of liquid steel
468.	EN 14681:2006+A1:2010 Safety of machinery - Safety requirements for machinery and equipment for production of steel by electric arc furnaces
469.	EN 14710-1:2005+A2:2008 Fire-fighting pumps - Fire-fighting centrifugal pumps without primer - Part 1: Classification, general and safety requirements
470.	EN 14710-2:2005+A2:2008 Fire-fighting pumps - Fire-fighting centrifugal pumps without primer - Part 2: Verification of general and safety requirements

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471.	EN 14753:2007 Safety of machinery - Safety requirements for machinery and equipment for continuous casting of steel
472.	EN 14886:2008 Plastics and rubber machines - Bandknife cutting machines for block foams - Safety requirements
473.	EN 14910:2007+A1:2009 Garden equipment - Walk-behind combustion engine powered trimmers - Safety
474.	EN 14930:2007+A1:2009 Agricultural and forestry machinery and gardening equipment - Pedestrian controlled and hand-held machines - Determination of accessibility of hot surfaces
475.	EN 14957:2006+A1:2010 Food processing machinery - Dishwashing machines with conveyor - Safety and hygiene requirements
476.	EN 14958:2006+A1:2009 Food processing machinery - Machinery for grinding and processing flour and semolina - Safety and hygiene requirements
477.	EN 14973:2015 Conveyor belts for use in underground installations - Electrical and flammability safety requirements
478.	EN ISO 14982:2009 Agricultural and forestry machinery - Electromagnetic compatibility - Test methods and acceptance criteria (ISO 14982:1998)
479.	EN 14985:2012 Cranes - Slewing jib cranes
480.	EN 15000:2008 Safety of industrial trucks - Self propelled variable reach trucks - Specification, performance and test requirements for longitudinal load moment indicators and longitudinal load moment limiters
481.	EN 15011:2020 Cranes - Bridge and gantry cranes
482.	EN 15027:2007+A1:2009 Transportable wall saw and wire saw equipment for job site - Safety
483.	EN 15056:2006+A1:2009 Cranes - Requirements for container handling spreaders
484.	EN 15059:2009+A1:2015 Snow grooming equipment - Safety requirements
485.	EN 15061:2007+A1:2008 Safety of machinery - Safety requirements for strip processing line machinery and equipment

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486.	EN 15067:2007 Plastics and rubber machines - Film converting machines for bags and sacks - Safety requirements
487.	EN 15093:2008 Safety of Machinery - Safety requirements for hot flat rolling mills
488.	EN 15094:2008 Safety of Machinery - Safety requirements for cold flat rolling mills
489.	EN 15095:2007+A1:2008 Power-operated mobile racking and shelving, carousels and storage lifts - Safety requirements
490.	EN 15162:2008 Machines and plants for mining and tooling of natural stone - Safety requirements for gang saws
491.	EN 15163-1:2022 Machines and installations for the exploitation and processing of natural stone - Safety - Part 1: Requirements for stationary diamond wire saws
492.	EN 15163-2:2022 Machines and installations for the exploitation and processing of natural stone - Safety - Part 2: Requirements for transportable diamond wire saws
493.	EN 15164:2008 Machines and plants for mining and tooling of natural stone - Safety - Requirements for chain- and belt-slotting machines
494.	EN 15166:2008 Food processing machinery - Automatic back splitting machines of butchery carcasses - Safety and hygiene requirements

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494a.	EN 15180:2025 Food processing machinery – Food depositors – Safety and hygiene requirements

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495a.	EN 15194:2017+A1:2023 Cycles – Electrically power assisted cycles – EPAC Bicycles Restriction: Harmonised standard EN 15194:2017+A1:2023 does not confer a presumption of conformity with the essential health and safety requirements set out in points 1.5.9 and 3.6.3.1 of Annex I to Directive 2006/42/EC, which require machinery to be designed and constructed to take into account the risks resulting from vibrations, and that machinery must be provided with the measurement of vibrations transmitted by the machinery to the operator of the machinery

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496.	EN 15268:2008 Petrol filling stations - Safety requirements for the construction of submersible pump assemblies
497.	EN 15503:2009+A2:2015 Garden equipment - Garden blowers, vacuums and blower/vacuums - Safety
498.	EN 15571:2020 Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines
499.	EN 15572:2015 Machines and plants for mining and tooling of natural stone - Safety - Requirements for edge finishing machines
500.	EN 15695-1:2017 Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 1: Cab classification, requirements and test procedures
501.	EN 15695-2:2017 Agricultural tractors and self-propelled sprayers - Protection of the operator (driver) against hazardous substances - Part 2: Filters, requirements and test procedures

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502a.	EN 15700:2023 Safety for conveyor belts for winter sport or tourist use Restriction: With regard to paragraph 7.3 of this harmonised standard, compliance with this harmonised standard does not confer a presumption of conformity to the essential health and safety requirement 1.7.4.2. (u) of Annex I to Directive 2006/42/EC

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503.	EN ISO 15744:2008 Hand-held non-electric power tools - Noise measurement code - Engineering method (grade 2) (ISO 15744:2002)
504.	EN 15746-2:2010+A1:2011 Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements
505.	EN 15774:2010 Food processing machinery - Machines for processing fresh and filled pasta (tagliatelle, cannelloni, ravioli, tortellini, orecchiette and gnocchi) - Safety and hygiene requirements
506.	EN 15811:2014 Agricultural machinery - Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923:2012 modified)

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507.	EN 15830:2012 Rough-terrain variable reach trucks - Visibility - Test methods and verification
508.	EN 15861:2012 Food processing machinery - Smokehouses - Safety and hygiene requirements
509.	EN 15895:2011+A1:2018 Cartridge operated hand-held tools - Safety requirements - Fixing and hard marking tools

▼M6

509a.	EN 15895:2025 Powder actuated hand-held fixing and hard marking tools – Safety requirements

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510.	EN 15949:2012 Safety of machinery - Safety requirements for bar mills, structural steel mills and wire rod mills
511.	EN 15954-2:2013 Railway applications - Track - Trailers and associated equipment - Part 2: General safety requirements
512.	EN 15955-2:2013 Railway applications - Track - Demountable machines and associated equipment - Part 2: General safety requirements

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512a.	EN 15955-2:2025 Railway applications – Infrastructure – Demountable machines, trailers and associated equipment – Part 2: General safety requirements

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513a.	EN 15997:2011 All terrain vehicles (ATVs – Quads) – Safety requirements and test methods EN 15997:2011/AC:2012 Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in point 1.1.2. of Annex I to Directive 2006/42/EC, which requires compliance with the principles of safety integration and reasonably foreseeable misuse of the vehicle, point 1.3.1. of Annex I to Directive 2006/42/EC, which requires lateral and longitudinal stability mitigation, and point 3.4.1. of Annex I to Directive 2006/42/EC, which requires prevention of uncontrolled movement.

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514a.	EN 16005:2023+A1:2024 Power operated pedestrian doorsets - Safety in use - Requirements and test methods

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515.	EN 16029:2012 Ride-on, motorized vehicles intended for the transportation of persons and not intended for use on public roads - Single-track two-wheel motor vehicles - Safety requirements and test methods
516.	EN ISO 16089:2015 Machine tools - Safety - Stationary grinding machines (ISO 16089:2015)

▼M7

516a.	EN ISO 16089:2025 Machine tools – Safety – Stationary grinding machines (ISO 16089:2025)

▼B

517.	EN ISO 16092-1:2018 Machine tools safety - Presses - Part 1: General safety requirements (ISO 16092-1:2017)
518.	EN ISO 16092-2:2020 Machine tools safety - Presses - Part 2: Safety requirement for mechanical presses (ISO 16092-2:2019)
519.	EN ISO 16092-3:2018 Machine tools safety - Presses - Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017)
520.	EN ISO 16092-4:2020 Machine tools safety - Presses - Part 4: Safety requirements for pneumatic presses (ISO 16092-4:2019)
521.	EN ISO 16093:2017 Machine tools - Safety - Sawing machines for cold metal (ISO 16093:2017)
522.	EN ISO 16119-1:2013 Agricultural and forestry machinery - Environmental requirements for sprayers - Part 1: General (ISO 16119-1:2013)
523.	EN ISO 16119-2:2013 Agricultural and forestry machinery - Environmental requirements for sprayers - Part 2: Horizontal boom sprayers (ISO 16119-2:2013, Corrected version 2017-03)
524.	EN ISO 16119-3:2013 Agricultural and forestry machinery - Environmental requirements for sprayers - Part 3: Sprayers for bush and tree crops (ISO 16119-3:2013)
525.	EN ISO 16119-4:2014 Agricultural and forestry machinery - Environmental requirements for sprayers - Part 4: Fixed and semi-mobile sprayers (ISO 16119-4:2014)
526.	EN 16191:2014 Tunnelling machinery - Safety requirements
527.	EN 16203:2014 Safety of Industrial Trucks - Dynamic tests for verification of lateral stability - Counterbalanced Trucks
528.	EN 16228-1:2014+A1:2021 Drilling and foundation equipment - Safety - Part 1: Common requirements
529.	EN 16228-2:2014+A1:2021 Drilling and foundation equipment - Safety - Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining

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530.	EN 16228-3:2014+A1:2021 Drilling and foundation equipment - Safety - Part 3: Horizontal directional drilling equipment (HDD)
531.	EN 16228-4:2014+A1:2021 Drilling and foundation equipment - Safety - Part 4: Foundation equipment
532.	EN 16228-5:2014+A1:2021 Drilling and foundation equipment - Safety - Part 5: Diaphragm walling equipment
533.	EN 16228-6:2014+A1:2021 Drilling and foundation equipment - Safety - Part 6: Jetting, grouting and injection equipment
534.	EN 16228-7:2014+A1:2021 Drilling and foundation equipment - Safety - Part 7: Interchangeable auxiliary equipment
535.	EN 16230-1:2013+A1:2014 Leisure karts - Part 1: Safety requirements and test methods for karts
536.	EN ISO 16230-1:2015 Agricultural machinery and tractors - Safety of higher voltage electrical and electronic components and systems - Part 1: General requirements (ISO 16230-1:2015)
537.	EN ISO 16231-1:2013 Self-propelled agricultural machinery - Assessment of stability - Part 1: Principles (ISO 16231-1:2013)
538.	EN ISO 16231-2:2015 Self-propelled agricultural machinery - Assessment of stability - Part 2: Determination of static stability and test procedures (ISO 16231-2:2015)
539.	EN 16246:2012 Agricultural machinery - Backhoes - Safety
540.	EN 16252:2012 Machines for compacting waste materials or recyclable fractions - Horizontal baling presses - Safety requirements
541.	EN 16307-1:2020 Industrial trucks - Safety requirements and verification - Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks

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542a.	EN 16307-5:2023 Industrial trucks – Safety requirements and verification – Part 5: Supplementary requirements for pedestrian-propelled trucks

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543.	EN 16307-6:2014 Industrial trucks - Safety requirements and verification - Part 6: Supplementary requirements for burden and personnel carriers
544.	EN 16327:2014 Fire-fighting - Positive-pressure proportioning systems (PPPS) and compressed-air foam systems (CAFS)
545.	EN 16474:2015 Plastics and rubber machines - Tyre curing machines - Safety requirements

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545a.	EN 16474:2025 Plastics and rubber machines – Tyre curing machines – Safety requirements

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546.	EN 16486:2014+A1:2020 Machines for compacting waste materials or recyclable fractions - Compactors - Safety requirements
547.	EN 16500:2014 Machines for compacting waste materials or recyclable fractions - Vertical baling presses - Safety requirements
548.	EN 16517:2021 Agricultural and forestry machinery - Mobile yarders for timber logging - Safety
549.	EN 16564:2020 Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

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552.	EN 16712-4:2018 Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Portable foam equipment - Part 4: High expansion foam generators PN16
553.	EN 16719:2018 Transport platforms
554.	EN 16743:2016 Food processing machinery - Automatic industrial slicing machines - Safety and hygiene requirements

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555.	EN 16770:2018 Safety of woodworking machines - Chip and dust extraction systems for indoor installation - Safety requirements
556.	EN 16774:2016 Safety of machinery - Safety requirements for steel converter and associated equipment
557.	EN 16808:2020 Petroleum, petrochemical and natural gas industries - Safety of machineries - Manual elevators
558.	EN 16851:2017+A1:2020 Cranes - Light crane systems
559.	EN 16952:2018+A1:2021 Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety
560.	EN 16985:2018 Spray booths for organic coating material - Safety requirements
561.	EN 17003:2021 Road vehicles - Roller brake testers for vehicles of more than 3,5 tons GVW - Safety requirements
562.	EN 17059:2018 Plating and anodizing lines - Safety requirements
563.	EN 17067:2018 Forestry machinery - Safety requirements on radio remote controls
▼M6	
563a.	EN 17076:2020+A1:2025 Tower cranes – Anti-collision systems – Safety requirements
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564.	EN 17088:2021 Side curtain ventilation systems - Safety
565.	EN 17106-1:2021 Road operation machinery - Safety - Part 1: General requirements
566.	EN 17106-2:2021 Road operation machinery - Safety - Part 2: Specific requirements for road surface cleaning machines
567.	EN 17106-3-1:2021 Road operation machinery - Safety - Part 3-1: Winter service machines - Requirements for snow clearing machines with rotating tools and snow ploughs
568.	EN 17106-3-2:2021 Road operation machinery - Safety - Part 3-2: Winter service machines - Specific requirements for spreading machines

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569.	EN 17106-4:2021 Road operation machinery - Safety - Part 4: Road service area maintenance machines - Requirements for grass and brush cutting machines
570.	EN 17281:2021 Safety requirements - Vehicle cleaning equipment
571.	EN 17348:2022 Requirements for design and testing of vacuum cleaners for use in potentially explosive atmospheres
572.	EN 17352:2022 Power operated pedestrian entrance control equipment - Safety in use - Requirements and test methods
▼M6	
572 – a.	EN 17639:2025 Safety of machinery – Cableway installations designed for the transport of material and specially designated persons – General safety requirements
▼M7	
572 – aa.	EN 17657:2025 Equipments for slaughterhouses – Slaughtering traps for bovine animals – Safety and cleaning requirements
▼M4	
572a.	EN 17677:2024 Food processing machinery – Craft bakery and pastry depositors – Safety and hygiene requirements
▼M6	
572b.	EN 17744:2025 Agricultural and forestry machinery – Environmental requirements for dusters
▼M7	
572c.	EN 17745:2025 Agricultural and forestry machinery – Environmental requirements for granule applicator of plant protection products
▼B	
573.	EN ISO 17916:2016 Safety of thermal cutting machines (ISO 17916:2016)
▼M6	
573 – a.	EN 17923:2025 Equipment for vine cultivation and wine making – Safety – Must and grape harvest pumps
▼M4	
573a.	EN 17942:2024 Welding and allied processes – Gas welding equipment – Safety requirements for thermoprocess equipment with open firing oxy-fuel gas welding equipment

▼M7

573b.	EN 17969:2026 Earth-moving machinery – Safety – Contamination protective systems

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574.	EN ISO 18063-2:2021 Rough-terrain trucks - Visibility test methods and their verification - Part 2: Slewing rough-terrain variable-reach trucks (ISO 18063-2:2021)

▼M7

574a.	EN ISO 18497-1:2024 Agricultural machinery and tractors – Safety of partially automated, semi-autonomous and autonomous machinery – Part 1: Machine design principles and vocabulary (ISO 18497-1:2024)
574b.	EN ISO 18497-2:2024 Agricultural machinery and tractors – Safety of partially automated, semi-autonomous and autonomous machinery – Part 2: Design principles for obstacle protection systems (ISO 18497-2:2024)
574c.	EN ISO 18497-3:2024 Agricultural machinery and tractors – Safety of partially automated, semi-autonomous and autonomous machinery – Part 3: Autonomous operating zones (ISO 18497-3:2024)
574d.	EN ISO 18497-4:2024 Agricultural machinery and tractors – Safety of partially automated, semi-autonomous and autonomous machinery – Part 4: Verification methods and validation principles (ISO 18497-4:2024)

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575.	EN ISO 19085-1:2021 Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2021)
576.	EN ISO 19085-2:2021 Woodworking machines - Safety - Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2021)
577.	EN ISO 19085-3:2021 Woodworking machines - Safety - Part 3: Numerically controlled (NC/CNC) boring and routing machines (ISO 19085-3:2021)
578.	EN ISO 19085-4:2018 Woodworking machines - Safety - Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)

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578a.	EN ISO 19085-4:2024 Woodworking machines – Safety – Part 4: Vertical panel circular sawing machines (ISO 19085-4:2024)

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579.	EN ISO 19085-5:2017 Woodworking machines - Safety - Part 5: Dimension saws (ISO 19085-5:2017)

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579a.	EN ISO 19085-5:2024 Woodworking machines – Safety – Part 5: Dimension saws (ISO 19085-5:2024)

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580.	EN ISO 19085-6:2017 Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines ("toupies") (ISO 19085-6:2017)

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580a.	EN ISO 19085-6:2024 Woodworking machines – Safety – Part 6: Single spindle vertical moulding machines (toupie) (ISO 19085-6:2024)

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581.	EN ISO 19085-7:2019 Woodworking machines - Safety - Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019)

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581a.	EN ISO 19085-7:2024 Woodworking machines – Safety – Part 7: Surface planing, thickness planing and combined surface/thickness planing machines (ISO 19085-7:2024)

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582.	EN ISO 19085-8:2018 Woodworking machines - Safety - Part 8: Belt sanding and calibrating machines for straight workpieces (ISO 19085-8:2017)

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582a.	EN ISO 19085-8:2024 Woodworking machines – Safety – Part 8: Wide belt sanding machines and surface treating machines (ISO 19085-8:2024)

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583.	EN ISO 19085-9:2020 Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)

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583a.	EN ISO 19085-9:2024 Woodworking machines – Safety – Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2024)

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584.	EN ISO 19085-10:2019 Woodworking machines - Safety - Part 10: Building site saws (contractor saws) (ISO 19085-10:2018) EN ISO 19085-10:2019/A11:2020
585.	EN ISO 19085-11:2020 Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)

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585 – a.	EN ISO 19085-11:2024 Woodworking machines – Safety – Part 11: Combined machines (ISO 19085-11:2024)

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585a.	EN ISO 19085-12:2021 Woodworking machines – Safety – Part 12: Tenoning/profiling machines (ISO 19085-12:2021) EN ISO 19085-12:2021/A11:2023

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585b.	EN ISO 19085-12:2024 Woodworking machines – Safety – Part 12: Tenoning-profiling machines (ISO 19085-12:2024)

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586.	EN ISO 19085-13:2020 Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO 19085-13:2020)

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586a.	EN ISO 19085-13:2025 Woodworking machines – Safety – Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO 19085-13:2025)

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587.	EN ISO 19085-14:2021 Woodworking machines - Safety - Part 14: Four-sided moulding machines (ISO 19085-14:2021)
588.	EN ISO 19085-15:2021 Woodworking machines - Safety - Part 15: Presses (ISO 19085-15:2021)

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588a.	EN ISO 19085-15:2025 Woodworking machines – Safety – Part 15: Presses (ISO 19085-15:2025)

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589.	EN ISO 19085-16:2021 Woodworking machines - Safety - Part 16: Table band saws and band re-saws (ISO 19085-16:2021)
590.	EN ISO 19085-17:2021 Woodworking machines - Safety - Part 17: Edge banding machines fed by chains (ISO 19085-17:2021)
591.	EN ISO 19225:2017 Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems (ISO 19225:2017) EN ISO 19225:2017/A1:2019
592.	EN ISO 19296:2018 Mining - Mobile machines working underground - Machine safety (ISO 19296:2018)
593.	EN ISO 19432-1:2020 Building construction machinery and equipment - Portable, hand-held, internal combustion engine-driven abrasive cutting machines - Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO 19432-1:2020)
594.	EN ISO 19472-2:2022 Machinery for forestry - Winches - Part 2: Traction aid winches (ISO 19472-2:2022)
595.	EN ISO 19932-1:2013 Equipment for crop protection - Knapsack sprayers - Part 1: Safety and environmental requirements (ISO 19932-1:2013)

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595a.	EN ISO 19932-1:2025 Equipment for crop protection – Knapsack sprayers – Part 1: Safety and environmental requirements (ISO 19932-1:2025)

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596.	EN ISO 19932-2:2013 Equipment for crop protection - Knapsack sprayers - Part 2: Test methods (ISO 19932-2:2013)

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596a.	EN ISO 19932-2:2025 Equipment for crop protection – Knapsack sprayers – Part 2: Test methods (ISO 19932-2:2025)

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597.	EN ISO 20361:2019 Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019) EN ISO 20361:2019/A11:2020
598.	EN ISO 20430:2020 Plastics and rubber machines - Injection moulding machines - Safety requirements (ISO 20430:2020)
599.	EN ISO 21904-1:2020 Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 1: General requirements (ISO 21904-1:2020)
600.	EN ISO 22291:2022 Safety requirements for wetlaid-nonwoven machinery (ISO 22291:2022)
601.	EN ISO 22867:2021 Forestry and gardening machinery - Vibration test code for portable hand-held machines with internal combustion engine - Vibration at the handles (ISO 22867:2021)
602.	EN ISO 22868:2021 Forestry and gardening machinery - Noise test code for portable hand-held machines with internal combustion engine - Engineering method (Grade 2 accuracy) (ISO 22868:2021)
603.	EN ISO 23062:2022 Foundry machinery - Safety requirements for molding and core-making machinery and associated equipment (ISO 23062:2022)

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603a.	EN ISO 23063:2025 Foundry machinery – Safety requirements for high pressure die casting machines (ISO 23063:2024)

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604.	EN ISO 23125:2015 Machine tools - Safety - Turning machines (ISO 23125:2015, Corrected version 2016-03-15)

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604 – a.	EN ISO 23779:2025 Shot blasting machinery – Safety and environmental requirements (ISO 23779:2024)

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604a.	EN ISO 25119-1:2023 Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 1: General principles for design and development (ISO 25119-1:2018) EN ISO 25119-1:2023/A1:2023
604b.	EN ISO 25119-2:2023 Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 2: Concept phase (ISO 25119-2:2019)
604c.	EN ISO 25119-3:2023 Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 3: Series development, hardware and software (ISO 25119-3:2018) EN ISO 25119-3:2023/A1:2023
604d.	EN ISO 25119-4:2023 Tractors and machinery for agriculture and forestry – Safety-related parts of control systems – Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2018) EN ISO 25119-4:2023/A1:2023

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605.	EN ISO 28139:2009 Agricultural and forestry machinery - Knapsack combustion-engine-driven mistblowers - Safety requirements (ISO 28139:2009)

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605a.	EN ISO 28139:2021 Equipment for crop protection – Knapsack combustion engine-driven airblast sprayers – Safety and environmental requirements and test methods (ISO 28139:2019) EN ISO 28139:2021/A1:2024

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606.	EN ISO 28881:2022 Machine tools - Safety - Electrical discharge machines (ISO 28881:2022)
607.	EN ISO 28927-1:2019 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders (ISO 28927-1:2019)

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608.	EN ISO 28927-2:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 2: Wrenches, nutrunners and screwdrivers (ISO 28927-2:2009) EN ISO 28927-2:2009/A1:2017
609.	EN ISO 28927-3:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 3: Polishers and rotary, orbital and random orbital sanders (ISO 28927-3:2009)
610.	EN ISO 28927-4:2010 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 4: Straight grinders (ISO 28927-4:2010) EN ISO 28927-4:2010/A1:2018
611.	EN ISO 28927-5:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills (ISO 28927-5:2009) EN ISO 28927-5:2009/A1:2015
612.	EN ISO 28927-6:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 6: Rammers (ISO 28927-6:2009)
613.	EN ISO 28927-7:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 7: Nibblers and shears (ISO 28927-7:2009)
614.	EN ISO 28927-8:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and saws with oscillating or rotating action (ISO 28927-8:2009) EN ISO 28927-8:2009/A1:2015
615.	EN ISO 28927-9:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 9: Scaling hammers and needle scalers (ISO 28927-9:2009)
616.	EN ISO 28927-10:2011 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 10: Percussive drills, hammers and breakers (ISO 28927-10:2011)
617.	EN ISO 28927-11:2011 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 11: Stone hammers (ISO 28927-11:2011)
618.	EN ISO 28927-12:2012 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 12: Die grinders (ISO 28927-12:2012)

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619.	EN ISO 28927-13:2022 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO 28927-13:2022)

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619a.	EN 50059:2025 Hand-held electrostatic application equipment for non-ignitable liquid coating materials – Safety requirements
619b.	EN 50176:2025 Automatic electrostatic application systems for ignitable liquid coating materials – Safety requirements

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620.	EN 50223:2015 Stationary electrostatic application equipment for ignitable flock material - Safety requirements
621.	EN 50348:2010 Stationary electrostatic application equipment for non-ignitable liquid coating material - Safety requirements EN 50348:2010/AC:2010

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621a.	EN 50374:2025 Conductor cars EN 50374:2025/A1:2025

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622a.	EN 50434:2014 Safety of household and similar appliances – Particular requirements for mains operated shredders and chippers Restriction: This harmonised standard does not confer a presumption of conformity, limited to machines where the shredding means can rotate at speeds exceeding 300 $r \cdot min^{-1}$, with the essential health and safety requirements set out in point 1.1.2. (a) of Annex I to Directive 2006/42/EC, which requires that machinery must be designed and constructed so that it is fitted for its function, and can be operated without putting persons at risk when these operations are carried out under the conditions foreseen, but also taking into account any reasonably foreseeable misuse thereof, as well as point 1.3.3. of Annex I to Directive 2006/42/EC, as regards precautions that must be taken to prevent risks from ejected objects, which shall also consider long objects ►M6 such as tall branches ◄.

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623.	EN 50569:2013 Household and similar electrical appliances - Safety - Particular requirements for commercial electric spin extractors EN 50569:2013/A1:2018
624.	EN 50570:2013 Household and similar electrical appliances - Safety - Particular requirements for commercial electric tumble dryers EN 50570:2013/A1:2018

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625.	EN 50571:2013 Household and similar electrical appliances - Safety - Particular requirements for commercial electric washing machines EN 50571:2013/A1:2018
626.	EN 50580:2012 Safety of hand-held electric motor operated tools - Particular requirements for spray guns EN 50580:2012/A1:2013
627.	EN 50636-2-91:2014 Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers#IEC 60335-2-91:2008 (Modified)
628.	EN 50636-2-92:2014 Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators (IEC 60335-2-92:2002, modified)
629.	EN 50636-2-94:2014 Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears (IEC 60335-2-94:2008, modified)
630.	EN 50636-2-100:2014 Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums (IEC 60335-2-100:2002, modified)
631.	EN 50636-2-107:2015 Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, modified) EN 50636-2-107:2015/A1:2018 EN 50636-2-107:2015/A2:2020 EN 50636-2-107:2015/A3:2021

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631a.	EN ISO/ASTM 52938-1:2025 Additive manufacturing of metals – Environment, health and safety – Part 1: Safety requirements for PBF-LB machines (ISO/ASTM 52938-1:2025)

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632.	EN 60204-31:2013 Safety of machinery - Electrical equipment of machines - Part 31: Particular safety and EMC requirements for sewing machines, units and systems (IEC 60204-31:2013)
633.	EN 60335-1:2012 Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified) EN 60335-1:2012/AC:2014 EN 60335-1:2012/A11:2014 EN 60335-1:2012/A13:2017 EN 60335-1:2012/A15:2021

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634.	EN 60335-2-8:2015 Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (IEC 60335-2-8:2012, modified) EN 60335-2-8:2015/A1:2016
635.	EN 60335-2-23:2003 Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care (IEC 60335-2-23:2003) EN 60335-2-23:2003/A2:2015

▼M7

635a.	EN IEC 60335-2-34:2023 Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors (IEC 60335-2-34:2021) EN IEC 60335-2-34:2023/A11:2023 EN IEC 60335-2-34:2023/A12:2025

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636.	EN 60335-2-36:2002 Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements (IEC 60335-2-36:2002) EN 60335-2-36:2002/A11:2012 EN 60335-2-36:2002/AC:2007
637.	EN 60335-2-37:2002 Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric deep fat fryers (IEC 60335-2-37:2002) EN 60335-2-37:2002/A11:2012 EN 60335-2-37:2002/AC:2007 EN 60335-2-37:2002/A12:2016

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637a.	EN 60335-2-38:2003 Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills EN 60335-2-38:2003/AC:2007 EN 60335-2-38:2003/A1:2008 EN 60335-2-38:2003/A2:2024 EN 60335-2-38:2003/A11:2024

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638.	EN 60335-2-40:2003 Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (IEC 60335-2-40:2002, modified) EN 60335-2-40:2003/A11:2004 EN 60335-2-40:2003/A12:2005 EN 60335-2-40:2003/A1:2006 EN 60335-2-40:2003/A13:2012/AC:2013 EN 60335-2-40:2003/A13:2012 EN 60335-2-40:2003/A2:2009 EN 60335-2-40:2003/AC:2006 EN 60335-2-40:2003/AC:2010

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638a.	EN IEC 60335-2-40:2024 Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (IEC 60335-2-40:2022 + COR1:2024) EN IEC 60335-2-40:2024/A11:2024

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639.	EN IEC 60335-2-41:2021 Household and similar electrical appliances - Safety - Particular requirements for pumps (IEC 60335-2-41:2012) EN IEC 60335-2-41:2021/A11:2021
640.	EN 60335-2-42:2003 Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens (IEC 60335-2-42:2002) EN 60335-2-42:2003/A11:2012 EN 60335-2-42:2003/AC:2007
641.	EN 60335-2-47:2003 Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans (IEC 60335-2-47:2002) EN 60335-2-47:2003/A11:2012 EN 60335-2-47:2003/AC:2007
642.	EN 60335-2-48:2003 Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters (IEC 60335-2-48:2002) EN 60335-2-48:2003/A11:2012 EN 60335-2-48:2003/AC:2007
643.	EN 60335-2-49:2003 Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm (IEC 60335-2-49:2002) EN 60335-2-49:2003/A11:2012 EN 60335-2-49:2003/AC:2007
644.	EN 60335-2-58:2005 Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2002, modified) EN 60335-2-58:2005/A12:2016 EN 60335-2-58:2005/A2:2015

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644a.	EN IEC 60335-2-58:2025 Household and similar electrical appliances – Safety – Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2017) EN IEC 60335-2-58:2025/A11:2025

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645.	EN 60335-2-65:2003 Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances (IEC 60335-2-65:2002) EN 60335-2-65:2003/A11:2012

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646.	EN 60335-2-67:2012 Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines for commercial use (IEC 60335-2-67:2012, modified)
647.	EN 60335-2-68:2012 Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, for commercial use (IEC 60335-2-68:2012, modified)
648.	EN 60335-2-69:2012 Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush for commercial use (IEC 60335-2-69:2012, modified)
649.	EN 60335-2-72:2012 Household and similar electrical appliances - Safety - Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use (IEC 60335-2-72:2012, modified)
650.	EN 60335-2-79:2012 Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners (IEC 60335-2-79:2012, modified)

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651.	EN IEC 60335-2-89:2022 Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor (IEC 60335-2-89:2019) EN IEC 60335-2-89:2022/A11:2022 EN IEC 60335-2-89:2022/AC:2023-11

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652.	EN 60335-2-95:2015 Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use (IEC 60335-2-95:2011, modified) EN 60335-2-95:2015/A1:2015
653.	EN 60335-2-97:2006 Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment (IEC 60335-2-97:2002, modified + A1:2004, modified) EN 60335-2-97:2006/A12:2015
654.	EN 60335-2-102:2016 Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004, modified, IEC 60335-2-102:2004/A1:2008, modified, IEC 60335-2-102:2004/A2:2012, modified)
655.	EN 60335-2-103:2015 Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2006, modified + A1:2010, modified)

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655a.	EN IEC 60335-2-119:2024 Household and similar electrical appliances – Safety – Part 2-119: Particular requirements for commercial vacuum packaging appliances EN IEC 60335-2-119:2024/A11:2024

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656.	EN 60519-1:2015 Safety in installations for electroheating and electromagnetic processing - Part 1: General requirements (IEC 60519-1:2015)
657.	EN 60745-2-12:2009 Hand-held motor-operated electric tools - Safety - Part 2-12: Particular requirements for concrete vibrators (IEC 60745-2-12:2003, modified + A1:2008)
658.	EN 60745-2-16:2010 Hand-held motor-operated electric tools - Safety - Part 2-16: Particular requirements for tackers (IEC 60745-2-16:2008, modified)
659.	EN 60745-2-18:2009 Hand-held motor-operated electric tools - Safety - Part 2-18: Particular requirements for strapping tools (IEC 60745-2-18:2003, modified + A1:2008)
660.	EN 60745-2-19:2009 Hand-held motor-operated electric tools - Safety - Part 2-19: Particular requirements for jointers (IEC 60745-2-19:2005, modified) EN 60745-2-19:2009/A1:2010
661.	EN 60745-2-20:2009 Hand-held motor-operated electric tools - Safety - Part 2-20: Particular requirements for band saws (IEC 60745-2-20:2003, modified + A1:2008)
662.	EN 60745-2-22:2011 Hand-held motor-operated electric tools - Safety - Part 2-22: Particular requirements for cut-off machines (IEC 60745-2-22:2011, modified) EN 60745-2-22:2011/A11:2013
663.	EN 60745-2-23:2013 Hand-held motor-operated electric tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools (IEC 60745-2-23:2012, modified)
664.	EN 60947-5-3:2013 Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB) (IEC 60947-5-3:2013)

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665.	EN 60947-5-5:1997 Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function (IEC 60947-5-5:1997) EN 60947-5-5:1997/A1:2005 EN 60947-5-5:1997/A11:2013 EN 60947-5-5:1997/A2:2017
666.	EN 61029-2-3:2011 Safety of transportable motor-operated electric tools - Part 2-3: Particular requirements for planers and thicknessers (IEC 61029-2-3:1993, modified) + A1:2001)
667.	EN 61029-2-5:2011 Safety of transportable motor-operated electric tools - Part 2-5: Particular requirements for band saws (IEC 61029-2-5:1993, modified) + A1:2001, modified) EN 61029-2-5:2011/A11:2015
668.	EN 61029-2-8:2010 Safety of transportable motor-operated electric tools - Part 2-8: Particular requirements for single spindle vertical moulders (IEC 61029-2-8:1995, modified + A1:1999)
669.	EN 61029-2-11:2012 Safety of transportable motor-operated electric tools - Part 2-11: Particular requirements for combined mitre and bench saws (IEC 61029-2-11:2001, modified) EN 61029-2-11:2012/A11:2013
670.	EN 61029-2-12:2011 Safety of transportable motor-operated electric tools - Part 2-12: Particular requirements for threading machines (IEC 61029-2-12:2010, modified)

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671a.	EN 62841-1:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 1: General requirements (IEC 62841-1:2014, modified) EN 62841-1:2015/AC:2015 EN 62841-1:2015/A11:2022 Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in point 1.2.3. (second paragraph, first indent, applied with the first paragraph) and point 2.2.1. (first paragraph, third indent) of Annex I to Directive 2006/42/EC, which require sufficient protection against unintentional starting regardless of the cause.

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672.	EN 62841-2-1:2018 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills (IEC 62841-2-1:2017, modified) EN 62841-2-1:2018/A11:2019 EN 62841-2-1:2018/A12:2022 EN 62841-2-1:2018/A1:2022
673.	EN 62841-2-2:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches (IEC 62841-2-2:2014, modified) EN 62841-2-2:2014/AC:2015
674.	EN IEC 62841-2-3:2021 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for hand-held grinders, disc-type polishers and disc-type sanders (IEC 62841-2-3:2020) EN IEC 62841-2-3:2021/A11:2021
675.	EN 62841-2-4:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type (IEC 62841-2-4:2014, modified) EN 62841-2-4:2014/AC:2015
676.	EN 62841-2-5:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws (IEC 62841-2-5:2014, modified)
677.	EN IEC 62841-2-6:2020 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers (IEC 62841-2-6:2020) EN IEC 62841-2-6:2020/A11:2020

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677a.	EN IEC 62841-2-6:2020 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-6: Particular requirements for hand-held hammers (IEC 62841-2-6:2020) EN IEC 62841-2-6:2020/A11:2020 EN IEC 62841-2-6:2020/AC:2024-11 EN IEC 62841-2-6:2020/A1:2024 EN IEC 62841-2-6:2020/A12:2024
677b.	EN IEC 62841-2-7:2024 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-7: Particular requirements for hand-held spray guns (IEC 62841-2-7:2024) EN IEC 62841-2-7:2024/A11:2024 EN IEC 62841-2-7:2024/AC:2025-07

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678.	EN 62841-2-8:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers (IEC 62841-2-8:2016, modified)
679.	EN 62841-2-9:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders (IEC 62841-2-9:2015, modified) EN 62841-2-9:2015/AC:2016-10
680.	EN 62841-2-10:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-10: Particular requirements for hand-held mixers (IEC 62841-2-10:2017, modified)

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681a.	EN 62841-2-11:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-11: Particular requirements for hand-held reciprocating saws (IEC 62841-2-11:2015, modified) EN 62841-2-11:2016/A1:2020 Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in point 1.2.3. (second paragraph, first indent, applied with the first paragraph) and point 2.2.1. (first paragraph, third indent) of Annex I to Directive 2006/42/EC, which require sufficient protection against unintentional starting regardless of the cause.

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681b.	EN 62841-2-11:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-11: Particular requirements for hand-held reciprocating saws (IEC 62841-2-11:2015, modified) EN 62841-2-11:2016/A1:2020 EN 62841-2-11:2016/A11:2024
681c.	EN IEC 62841-2-12:2024 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-12: Particular requirements for hand-held concrete vibrators (IEC 62841-2-12:2024) EN IEC 62841-2-12:2024/A11:2024 EN IEC 62841-2-12:2024/AC:2025-11

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682.	EN 62841-2-14:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-14: Particular requirements for hand-held planers (IEC 62841-2-14:2015, modified)

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683.	EN 62841-2-17:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-17: Particular requirements for hand-held routers (IEC 62841-2-17:2017, modified)

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683a.	EN IEC 62841-2-18:2026 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-18: Particular requirements for hand-held strapping tools (IEC 62841-2-18:2024 + COR1:2025) EN IEC 62841-2-18:2026/A11:2026
683b.	EN IEC 62841-2-19:2025 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-19: Particular requirements for hand-held jointers (IEC 62841-2-19:2024) EN IEC 62841-2-19:2025/A11:2025
683c.	EN IEC 62841-2-20:2025 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-20: Particular requirements for hand-held band saws (IEC 62841-2-20:2024) EN IEC 62841-2-20:2025/A11:2025

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684.	EN 62841-2-21:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners (IEC 62841-2-21:2017, modified)

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684a.	EN IEC 62841-2-22:2025 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-22: Particular requirements for hand-held cut-off machines (IEC 62841-2-22:2025) EN IEC 62841-2-22:2025/A11:2025
684b.	EN IEC 62841-2-23:2026 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-23: Particular requirements for hand-held die grinders and small rotary tools (IEC 62841-2-23:2024) EN IEC 62841-2-23:2026/A11:2026

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685.	EN 62841-3-1:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified) EN 62841-3-1:2014/AC:2015 EN 62841-3-1:2014/A11:2017 EN 62841-3-1:2014/A1:2021 EN 62841-3-1:2014/A12:2021

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686.	EN 62841-3-4:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016, modified) EN 62841-3-4:2016/A11:2017 EN 62841-3-4:2016/A12:2020
687.	EN IEC 62841-3-5:2022 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-5: Particular requirements for transportable band saws (IEC 62841-3-5:2022) EN IEC 62841-3-5:2022/A11:2022
688.	EN 62841-3-6:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014, modified) EN 62841-3-6:2014/AC:2015 EN 62841-3-6:2014/A11:2017 EN 62841-3-6:2014/A12:2022 EN 62841-3-6:2014/A1:2022
689.	EN IEC 62841-3-7:2021 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-7: Particular requirements for transportable wall saws (IEC 62841-3-7:2020) EN IEC 62841-3-7:2021/A11:2021
690.	EN IEC 62841-3-9:2020 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2020) EN IEC 62841-3-9:2020/A11:2020
691.	EN 62841-3-10:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015, modified) EN 62841-3-10:2015/AC:2016-07 EN 62841-3-10:2015/A11:2017 EN 62841-3-10:2015/A12:2022 EN 62841-3-10:2015/A1:2022
692.	EN 62841-3-12:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-12: Particular requirements for transportable threading machines (IEC 62841-3-12:2017)

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693.	EN 62841-3-13:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-13: Particular requirements for transportable drills (IEC 62841-3-13:2017, modified)
694.	EN 62841-3-14:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners (IEC 62841-3-14:2017, modified)

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694a.	EN IEC 62841-3-16:2026 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-16: Particular requirements for transportable belt sanders, disc sanders and belt/disc sanders (IEC 62841-3-16:2025) EN IEC 62841-3-16:2026/A11:2026

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695.	EN 62841-4-1:2020 Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:2017, modified)
696.	EN 62841-4-2:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers (IEC 62841-4-2:2017, modified) EN 62841-4-2:2019/A1:2022 EN 62841-4-2:2019/A11:2022
697.	EN IEC 62841-4-3:2021 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers (IEC 62841-4-3:2020) EN IEC 62841-4-3:2021/A11:2021

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697a.	EN IEC 62841-4-4:2026 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws (IEC 62841-4-4:2020) EN IEC 62841-4-4:2026/A1:2026 EN IEC 62841-4-4:2026/A11:2026

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698.	EN IEC 62841-4-5:2021 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-5: Particular requirements for grass shears (IEC 62841-4-5:2021) EN IEC 62841-4-5:2021/A11:2021 EN IEC 62841-4-5:2021/AC:2024-01

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698a.	EN IEC 62841-4-6:2024 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums (IEC 62841-4-6:2022) EN IEC 62841-4-6:2024/A11:2024 EN IEC 62841-4-6:2024/AC:2026-06

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699.	EN IEC 62841-4-7:2022 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators (IEC 62841-4-7:2022) EN IEC 62841-4-7:2022/A11:2022 EN IEC 62841-4-7:2022/AC:2023-05 EN IEC 62841-4-7:2022/AC:2023-10

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699a.	EN IEC 62841-4-8:2025 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-8: Particular requirements for shredders/chippers EN IEC 62841-4-8:2025/A11:2025

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700.	EN ISO/IEC 80079-38:2016 Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC 80079-38:2016) EN ISO/IEC 80079-38:2016/A1:2018

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ANNEX II

PART ONE

B-TYPE STANDARDS

1. Explanatory note.

B-type standards deal with specific aspects of machinery safety or specific types of safeguard that can be used across a wide range of categories of machinery. Application of the specifications of B-type standards confers a presumption of conformity with the essential health and safety requirements of the Machinery Directive that they cover when a C-type standard or the manufacturer's risk assessment shows that a technical solution specified by the B-type standard is adequate for the particular category or model of machinery concerned. Application of B-type standards that give specifications for safety components that are independently placed on the market confers a presumption of conformity for the safety components concerned and for the essential health and safety requirements covered by the standards.

2. List of references of standards.

No	Reference of standard	Date of withdrawal
1.	EN ISO 11202:2010 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010)	11 October 2023
2.	EN 15967:2011 Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours	2 February 2025
3.	EN 62061:2005 Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems (IEC 62061:2005) EN 62061:2005/AC:2010 EN 62061:2005/A1:2013 EN 62061:2005/A2:2015	11 October 2023

PART TWO

C-TYPE STANDARDS

1. Explanatory note.

C-type standards provide specifications for a given category of machinery. The different types of machinery belonging to the category covered by a C-type standard have a similar intended use and present similar hazards. C-type standards may refer to A or B-type standards, indicating which of the specifications of the A or B-type standard are applicable to the category of machinery concerned. When, for a given aspect of machinery safety, a C-type standard deviates from the specifications of an A or B-type standard, the specifications of the C-type standard take precedence over the specifications of the A or B-type standard. Application of the specifications of a C-type standard on the basis of the manufacturer's risk assessment confers a presumption of conformity with the essential health and safety requirements of the Machinery Directive covered by the standard. Certain C-type standards are organised as a series of several parts, Part 1 of the standard giving general specifications applicable to a family of machinery and other parts of the standard giving specifications for specific categories of machinery belonging to the family, supplementing or modifying the general specifications of Part 1. For C-type standards organised in this way, the presumption of conformity with the essential health and safety requirements of the Machinery Directive is conferred by application of the general Part 1 of the standard together with the relevant specific part of the standard.

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2. List of references of standards.

No	Reference of standard	Date of withdrawal
1.	EN 280:2013+A1:2015 Mobile elevating work platforms - Design calculations - Stability criteria - Construction - Safety - Examinations and tests	2 February 2025
2.	EN 303-5:2012 Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking	11 October 2023
3.	EN 415-3:1999+A1:2009 Safety of packaging machines - Part 3: Form, fill and seal machines	2 February 2025
4.	EN 474-2:2006+A1:2008 Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers	2 February 2025
5.	EN 474-3:2006+A1:2009 Earth-moving machinery - Safety - Part 3: Requirements for loaders	2 February 2025
6.	EN 474-4:2006+A2:2012 Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders	2 February 2025
7.	EN 474-5:2006+A3:2013 Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators	2 February 2025
8.	EN 474-6:2006+A1:2009 Earth-moving machinery - Safety - Part 6: Requirements for dumpers	2 February 2025
9.	EN 474-7:2006+A1:2009 Earth-moving machinery - Safety - Part 7: Requirements for scrapers	2 February 2025
10.	EN 474-8:2006+A1:2009 Earth-moving machinery - Safety - Part 8: Requirements for graders	2 February 2025
11.	EN 474-9:2006+A1:2009 Earth-moving machinery - Safety - Part 9: Requirements for pipelayers	2 February 2025
12.	EN 474-10:2006+A1:2009 Earth-moving machinery - Safety - Part 10: Requirements for trenchers	2 February 2025
13.	EN 474-11:2006+A1:2008 Earth-moving machinery - Safety - Part 11: Requirements for earth and landfill compactors	2 February 2025
14.	EN 474-12:2006+A1:2008 Earth-moving machinery - Safety - Part 12: Requirements for cable excavators	2 February 2025

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No	Reference of standard	Date of withdrawal
15.	EN 500-4:2011 Mobile road construction machinery - Safety - Part 4: Specific requirements for compaction machines	2 February 2025
16.	EN 528:2008 Rail dependent storage and retrieval equipment - Safety requirements	2 February 2024
17.	EN 619:2002+A1:2010 Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of unit loads	2 February 2025
18.	EN 620:2002+A1:2010 Continuous handling equipment and systems - Safety and EMC requirements for fixed belt conveyors for bulk materials	2 February 2025
19.	EN 703:2004+A1:2009 Agricultural machinery - Silage loading, mixing and/or chopping and distributing machines - Safety	2 February 2025
20.	EN 710:1997+A1:2010 Safety requirements for foundry moulding and coremaking machinery and plant associated equipment EN 710:1997+A1:2010/AC:2012	2 February 2025
21.	EN 746-3:1997+A1:2009 Industrial thermoprocessing equipment - Part 3: Safety requirements for the generation and use of atmosphere gases	2 February 2025
22.	EN 1034-4:2005+A1:2009 Safety of machinery - Safety requirements for the design and construction of paper making and finishing machines - Part 4: Pulpers and their loading facilities	2 February 2025
23.	EN 1501-1:2011+A1:2015 Refuse collection vehicles - General requirements and safety requirements - Part 1: Rear loaded refuse collection vehicles	11 October 2023
24.	EN 1501-2:2005+A1:2009 Refuse collection vehicles and associated lifting devices - General requirements and safety requirements - Part 2: Side loaded refuse collection vehicles	11 October 2023
25.	EN 1501-3:2008 Refuse collection vehicles and their associated lifting devices - General requirements and safety requirements - Part 3: Front loaded refuse collection vehicles	11 October 2023
26.	EN 1501-5:2011 Refuse collection vehicles - General requirements and safety requirements - Part 5: Lifting devices for refuse collection vehicles	11 October 2023

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No	Reference of standard	Date of withdrawal
27.	EN 1755:2000+A2:2013 Safety of industrial trucks - Operation in potentially explosive atmospheres - Use in flammable gas, vapour, mist and dust	2 February 2024
28.	EN 1756-1:2001+A1:2008 Tail lifts - Platform lifts for mounting on wheeled vehicles - Safety requirements - Part 1: Tail lifts for goods	11 October 2023
29.	EN 1807-1:2013 Safety of woodworking machines - Band sawing machines - Part 1: Table band saws and band re-saws	2 February 2025
30.	EN 1829-1:2010 High pressure water jet machines - Safety requirements - Part 1: Machines	11 October 2023
31.	EN ISO 3691-6:2015 Industrial trucks - Safety requirements and verification - Part 6: Burden and personnel carriers (ISO 3691-6:2013) EN ISO 3691-6:2015/AC:2016	2 February 2025
32.	EN ISO 4254-1:2015 Agricultural machinery - Safety - Part 1: General requirements (ISO 4254-1:2013)	2 February 2025
33.	EN ISO 4254-6:2009 Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (ISO 4254-6:2009) EN ISO 4254-6:2009/AC:2010	2 February 2025
34.	EN ISO 11680-1:2011 Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 1: Machines fitted with an integral combustion engine (ISO 11680-1:2011)	2 February 2025
35.	EN ISO 11680-2:2011 Machinery for forestry - Safety requirements and testing for pole-mounted powered pruners - Part 2: Machines for use with back-pack power source (ISO 11680-2:2011)	2 February 2025
36.	EN ISO 11681-1:2011 Machinery for forestry - Portable chain-saw safety requirements and testing - Part 1: Chain-saws for forest service (ISO 11681-1:2011)	2 February 2025
37.	EN ISO 11681-2:2011 Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service (ISO 11681-2:2011) EN ISO 11681-2:2011/A1:2017	2 February 2025
38.	EN ISO 11806-1:2011 Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine (ISO 11806-1:2011)	2 February 2025

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No	Reference of standard	Date of withdrawal
39.	EN ISO 11806-2:2011 Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with back-pack power unit (ISO 11806-2:2011)	2 February 2025
40.	EN ISO 11850:2011 Machinery for forestry - General safety requirements (ISO 11850:2011) EN ISO 11850:2011/A1:2016	2 February 2025
41.	EN 12012-4:2006+A1:2008 Plastics and rubber machines - Size reduction machines - Part 4: Safety requirements for agglomerators	2 February 2024
42.	EN 12158-1:2000+A1:2010 Builders' hoists for goods - Part 1: Hoists with accessible platforms	2 February 2025
43.	EN 12312-5:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 5: Aircraft fuelling equipment	11 October 2023
44.	EN 12331:2003+A2:2010 Food processing machinery - Mincing machines - Safety and hygiene requirements	2 February 2024
45.	EN 12355:2003+A1:2010 Food processing machinery - Derinding-, skinning- and membrane removal machines - Safety and hygiene requirements	2 February 2025
46.	EN 12418:2000+A1:2009 Masonry and stone cutting-off machines for job site - Safety	2 February 2025
47.	EN 12750:2013 Safety of woodworking machines - Four sided moulding machines	2 February 2025
48.	EN 13001-2:2014 Crane safety - General design - Part 2: Load actions	11 October 2023
49.	EN 13001-3-5:2016 Cranes - General design - Part 3-5: Limit states and proof of competence of forged hooks	2 February 2025
50.	EN 13019:2001+A1:2008 Machines for road surface cleaning - Safety requirements	2 February 2025
51.	EN 13021:2003+A1:2008 Winter service machines - Safety requirements	2 February 2025
52.	EN 13118:2000+A1:2009 Agricultural machinery - Potato harvesting equipment - Safety	2 February 2025
53.	EN 13140:2000+A1:2009 Agricultural machinery - Sugar beet and fodder beet harvesting equipment - Safety	2 February 2025

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No	Reference of standard	Date of withdrawal
54.	EN 13524:2003+A2:2014 Highway maintenance machines - Safety requirements	2 February 2025
55.	EN 13617-1:2012 Petrol filling stations - Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units	2 February 2025
56.	EN 13732:2013 Food processing machinery - Bulk milk coolers on farms - Requirements for performance, safety and hygiene	2 February 2025
57.	EN 13862:2001+A1:2009 Floor cutting-off machines - Safety	2 February 2025
58.	EN 13870:2015 Food processing machinery - Portion cutting machines - Safety and hygiene requirements	2 February 2025
59.	EN 13885:2005+A1:2010 Food processing machinery - Clipping machines - Safety and hygiene requirements	2 February 2025
60.	EN 15163:2008 Machines and installations for the exploitation and processing of natural stone - Safety - Requirements for diamond wire saws	2 February 2024
61.	EN 16228-1:2014 Drilling and foundation equipment - Safety - Part 1: Common requirements	2 February 2025
62.	EN 16228-2:2014 Drilling and foundation equipment - Safety - Part 2: Mobile drill rigs for civil and geotechnical engineering, quarrying and mining	2 February 2025
63.	EN 16228-3:2014 Drilling and foundation equipment - Safety - Part 3: Horizontal directional drilling equipment (HDD)	2 February 2025
64.	EN 16228-4:2014 Drilling and foundation equipment - Safety - Part 4: Foundation equipment	2 February 2025
65.	EN 16228-5:2014 Drilling and foundation equipment - Safety - Part 5: Diaphragm walling equipment	2 February 2025
66.	EN 16228-6:2014 Drilling and foundation equipment - Safety - Part 6: Jetting, grouting and injection equipment	2 February 2025
67.	EN 16228-7:2014 Drilling and foundation equipment - Safety - Part 7: Interchangeable auxiliary equipment	2 February 2025

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No	Reference of standard	Date of withdrawal
68.	EN ISO 18217:2015 Safety of woodworking machines - Edge-banding machines fed by chain(s) (ISO 18217:2015)	2 February 2025
69.	EN ISO 19085-1:2017 Woodworking machines - Safety - Part 1: Common requirements (ISO 19085-1:2017)	11 October 2023
70.	EN ISO 19085-2:2017 Woodworking machines - Safety - Part 2: Horizontal beam panel circular sawing machines (ISO 19085-2:2017, Corrected version 2017-11-01)	2 February 2025
71.	EN ISO 22867:2011 Forestry and gardening machinery - Vibration test code for portable hand-held machines with internal combustion engine - Vibration at the handles (ISO 22867:2011)	2 February 2025
72.	EN ISO 22868:2011 Forestry and gardening machinery - Noise test code for portable hand-held machines with internal combustion engine - Engineering method (Grade 2 accuracy) (ISO 22868:2011)	11 October 2023
73.	EN ISO 28881:2013 Machine tools - Safety - Electro-discharge machines (ISO 28881:2013) EN ISO 28881:2013/AC:2013	2 February 2025
74.	EN ISO 28927-1:2009 Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders (ISO 28927-1:2009) EN ISO 28927-1:2009/A1:2017	2 February 2025
75.	EN 60335-2-77:2010 Safety of household and similar appliances - Part 2-77: Particular requirements for pedestrian-controlled walk-behind electrically powered lawn mowers (IEC 60335-2-77:2002, modified)	2 February 2025
76.	EN 60335-2-89:2010 Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89:2010) EN 60335-2-89:2010/A1:2016 EN 60335-2-89:2010/A2:2017	2 February 2025
77.	EN 60745-2-3:2011 Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (IEC 60745-2-3:2006, modified + A1:2010, modified) EN 60745-2-3:2011/A2:2013 EN 60745-2-3:2011/A11:2014 EN 60745-2-3:2011/A12:2014 EN 60745-2-3:2011/A13:2015	2 February 2025

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No	Reference of standard	Date of withdrawal
78.	EN 60745-2-15:2009 Hand-held motor-operated electric tools - Safety - Part 2-15: Particular requirements for hedge trimmers (IEC 60745-2-15:2006, modified) EN 60745-2-15:2009/A1:2010	2 February 2025

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79a.	EN 62841-1:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 1: General requirements (IEC 62841-1:2014, modified) EN 62841-1:2015/AC:2015 Restriction: This harmonised standard does not confer a presumption of conformity with the essential health and safety requirements set out in point 1.2.3. (second paragraph, first indent, applied with the first paragraph) and point 2.2.1. (first paragraph, third indent) of Annex I to Directive 2006/42/EC, which require sufficient protection against unintentional starting regardless of the cause.	2 February 2025

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ANNEX III

C-TYPE STANDARDS

1. Explanatory note.

C-type standards provide specifications for a given category of machinery. The different types of machinery belonging to the category covered by a C-type standard have a similar intended use and present similar hazards. C-type standards may refer to A or B-type standards, indicating which of the specifications of the A or B-type standard are applicable to the category of machinery concerned. When, for a given aspect of machinery safety, a C-type standard deviates from the specifications of an A or B-type standard, the specifications of the C-type standard take precedence over the specifications of the A or B-type standard. Application of the specifications of a C-type standard on the basis of the manufacturer's risk assessment confers a presumption of conformity with the essential health and safety requirements of the Machinery Directive covered by the standard. Certain C-type standards are organised as a series of several parts, Part 1 of the standard giving general specifications applicable to a family of machinery and other parts of the standard giving specifications for specific categories of machinery belonging to the family, supplementing or modifying the general specifications of Part 1. For C-type standards organised in this way, the presumption of conformity with the essential health and safety requirements of the Machinery Directive is conferred by application of the general Part 1 of the standard together with the relevant specific part of the standard.

2. List of references of standards.

No	Reference of standard	Date of withdrawal
1.	EN 303-5:2021 Heating boilers - Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW - Terminology, requirements, testing and marking	2 February 2025
2.	EN 474-1:2006+A6:2019 Earth-moving machinery - Safety - Part 1: General requirements Restriction 1: This publication does not concern clause 5.8.1 Visibility-Operator's field of view of this standard, but only in relation with EN 474-5:2006+A3:2013 requirements for hydraulic excavators, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.2.2 and 3.2.1 of Annex I to Directive 2006/42/EC. Restriction 2: With regards to Annex B.2 – Quick couplers, the harmonised standard EN 474-1:2006+A6:2019 does not confer a presumption of conformity to the essential health and safety requirements 1.1.2 b), 1.1.2 c) and 1.3.3 of Annex I to Directive 2006/42/EC when applied in combination with EN 474-4:2006 +A2:2012 requirements for backhoe loaders and EN 474-5:2006+A3:2013 requirements for hydraulic excavators.	2 February 2025
3.	EN 13001-3-6:2018 Cranes - General design - Part 3-6: Limit states and proof of competence of machinery - Hydraulic cylinders	11 October 2023

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No	Reference of standard	Date of withdrawal
4.	EN 16952:2018 Agricultural machinery - Rough-terrain Work Platforms for Orchard's operations (WPO) - Safety	2 February 2025
5.	EN ISO 19085-3:2017 Woodworking machines - Safety requirements - Part 3: Numerically controlled (NC) boring and routing machines (ISO 19085-3:2017) Restriction: With regard to its point 6.6.2.2.3.1, the harmonised standard EN ISO 19085-3:2017 does not confer a presumption of conformity with the essential health and safety requirement set out in point 1.4.1 of Annex I to Directive 2006/42/EC, which requires that guards and protective devices must not be easy to by-pass.	2 February 2025
6.	EN 50636-2-107:2015 Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, modified) EN 50636-2-107:2015/A1:2018 EN 50636-2-107:2015/A2:2020	11 October 2023
7.	EN 60335-1:2012 Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified) EN 60335-1:2012/AC:2014 EN 60335-1:2012/A11:2014 EN 60335-1:2012/A13:2017	11 October 2023
8.	EN 62841-4-2:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers (IEC 62841-4-2:2017, modified)	2 February 2025
9.	EN 62841-2-1:2018 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills (IEC 62841-2-1:2017, modified) EN 62841-2-1:2018/A11:2019	2 February 2025
10.	EN 62841-3-1:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified) EN 62841-3-1:2014/AC:2015 EN 62841-3-1:2014/A11:2017	2 February 2025

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No	Reference of standard	Date of withdrawal
11.	EN 62841-3-6:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014, modified) EN 62841-3-6:2014/AC:2015 EN 62841-3-6:2014/A11:2017	2 February 2025
12.	EN 62841-3-10:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015, modified) EN 62841-3-10:2015/AC:2016-07 EN 62841-3-10:2015/A11:2017	2 February 2025