

Directives:

- Machinery Directive 2006/42/EC;
- Directive 2014/68/EU: Pressure Equipment Directive;
- Directive 2014/29/EU: Simple Pressure Vessels;
- Directive 2014/34/EU: ATEX;
- Directive 99/92/EC: ATEX-Zones;
- Directive 98/24/EC: risks related to chemical agents at work;
- Directive (EU) 2019/1831: occupational exposure limit values in accordance with 98/24/CE;
- Low Voltage Directive 2014/35/EU;
- EMC Directive 2014/30/EU;
- Directive 2009/125/EC - Energy-Related Products (Ecodesign - ErP): third-party verification of energy efficiency and performance, as a guarantee of transparency on the market;
- Regulation (EU) 2019/1781: ecodesign requirements for electric motors and variable speed drives pursuant to Directive 2009/125/EC.

Standards:

- EN 1005: Safety of machinery - Human physical performance:
 - EN 1005-1:2009: Safety of machinery - Human physical performance - Part 1: Terms and definitions;
 - EN 1005-2:2009 Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery;
 - EN 1005-3:2009: Safety of machinery - Human physical performance - Part 3: Recommended force limits for machinery operation;
 - EN 1005-4:2009: Safety of machinery - Human physical performance - Part 4: Evaluation of working postures and movements in relation to machinery.
- EN ISO 14118:2018: Safety of machinery - Prevention of unexpected start-up;
- EN 1299:2009: Mechanical vibration and shock - Vibration isolation of machines - Information for the application of source isolation;
- EN 13035: Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements:
 - 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;
 - 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;
 - 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 13035-4:2003+A1:2009: Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 4: Tilting tables;
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- 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;
- 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;
- 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;
- EN 13035-9:2006+A1:2010: Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 9: Washing installations;
- EN 13035-11:2006+A1:2010: Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 11: Drilling machines.
- EN 1837:2021: Safety of machinery - Integral lighting of machines;
- EN ISO 13854:2020: Safety of machinery - Minimum gaps to avoid crushing of parts of the human body;
- EN 547: Safety of machinery - Human body measurements:
 - EN 547-1:2009: Safety of machinery - Human body measurements - Part 1: Principles for determining the dimensions required for openings for whole body access into machinery;
 - EN 547-2:2009: Safety of machinery - Human body measurements - Part 2: Principles for determining the dimensions required for access openings;
 - EN 547-3:2009: Safety of machinery - Human body measurements - Part 3: Anthropometric data;
- EN ISO 13851:2019: Safety of machinery - Two-hand control devices - Principles for design and selection;
- CEI EN 61310: Indication, marking and actuation:
 - EN 61310-1:2008: Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, acoustic and tactile signals;
 - EN 61310-2:2008: Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking;
 - EN 61310-3:2008: Safety of machinery - Indication, marking and actuation - Part 3: Requirements for the location and operation of actuators.
- EN 614: Safety of machinery - Ergonomic design principles:
 - UNI EN 614-1:2009: Safety of machinery - Ergonomic design principles - Part 1: Terminology and general principles;
 - EN 614-2:2009: Safety of machinery - Ergonomic design principles - Part 2: Interactions between the design of machinery and work tasks.
- CEI EN 61800-5-2:2017: Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional (IEC 61800-5-2:2007);
- EN ISO 14123: Safety of machinery - Reduction of risks to health from hazardous substances emitted by machinery:
 - EN ISO 14123-1:2015: Safety of machinery - Reduction of risks to health from hazardous substances emitted by machinery - Part 1: Principles and specifications for machinery manufacturers;
 - EN ISO 14123-2:2016: Safety of machinery - Reduction of risk to health from hazardous substances emitted by machinery - Part 2: Methodology leading to verification procedures.
- EN 842:2009: Safety of machinery - Visual danger signals - General requirements, design and testing;
- EN 894: Safety of machinery - Ergonomics requirements for the design of displays and control actuators:

- EN 894-1:2009: 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;
- EN 894-2:2009: Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 2: Displays;
- EN 894-3:2009: Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 3: Control actuators;
- EN ISO 14120:2015: Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards;
- EN 981:2009: Safety of machinery - System of auditory and visual danger and information signals;
- EN ISO 11200:2020: Acoustics. Noise emitted by machinery and equipment. Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions;
- EN ISO 12100: 2010: Safety of machinery - General principles for design - Risk assessment and risk reduction;
- EN ISO 13732-1:2009: Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 1: Hot surfaces;
- EN ISO 13850:2015: Safety of machinery - Emergency stop - Principles for design;
- EN ISO 13856: Safety of machinery - Pressure-sensitive protective devices:
 - 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;
 - 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;
 - 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.
- EN ISO 13857:2020: Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs;
- EN ISO 14119:2013: Safety of machinery - Interlocking devices associated with guards - Principles for design and selection;
- EN ISO 14738:2009: Safety of machinery - Anthropometric requirements for the design of workstations at machinery;
- EN ISO 4871:2009: Acoustics - Declaration and verification of noise emission values of machinery and equipment;
- EN ISO 11553-1:2021: Safety of machinery - Laser processing machines - Part 1: General safety requirements;
- EN ISO 4414:2012: Pneumatic fluid power - General rules and safety requirements for systems and their components;
- EN 1012: Compressors and vacuum pumps:
 - EN 1012-1:2010: Compressors and vacuum pumps - Safety requirements - Part 1: Air compressors;
 - EN 1012-2:2009: Compressors and vacuum pumps - Safety requirements - Part 2: Vacuum pumps;
 - EN 1012-3:2014: Compressors and vacuum pumps - Safety requirements - Part 3: Process compressors;
- EN ISO 4413:2012: Hydraulic fluid power - General rules and safety requirements for systems and their components.

- CEI EN 60204-1:2018: Safety of machinery - Electrical equipment of machines - Part 1: General requirements;
- IEC 61000: Electromagnetic compatibility (EMC):
 - IEC 61000-6-2:2019: Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments;
 - IEC 61000-6-4:2020: Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments.
- CEI EN 61439: Low-voltage switchgear and controlgear assemblies:
 - CEI EN 61439-1:2012: Low-voltage switchgear and controlgear assemblies - Part 1: General rules;
 - CEI EN 61439-2:2012: Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies;
 - CEI EN 61439-5:2016: Low-voltage switchgear and controlgear assemblies - Part 5: Assemblies for power distribution;
 - CEI EN 61439-6:2013: Low-voltage switchgear and controlgear assemblies - Part 6: Busbar trunking system.
- IEC 62061:2021: Functional safety of safety-related control systems;
- CEI EN 60034-1: 2011: Rotating electrical machines - Part 1: Rating and performance;
- EN 13849: Safety of machinery - Safety-related parts of control systems:
 - EN ISO 13849-1:2016: Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design.
 - EN ISO 13849-2:2013: Safety of machinery - Safety-related parts of control systems - Part 2: Validation;
- EN ISO 20607:2019: Safety of machinery - Instruction handbook - General drafting principles;
- EN ISO 7010:2021: Graphical symbols - Safety colours and safety signs - Registered safety signs;
- EN 15628:2014: Maintenance - Qualification of maintenance personnel;
- EN 13306:2018: Maintenance terminology.