

Machine regulation 2023/1230

Full title

REGULATION (EU) 2023/1230 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 14 June 2023 on machinery and repealing Directive 2006/42/EC of the European Parliament and of the Council and Council Directive 73/361/EEC

Pictures



Previous edition

DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)

Scope

(Article 2)

This Regulation applies to machinery and the following related products:

- (a) interchangeable equipment;
- (b) safety components;
- (c) lifting accessories;
- (d) chains, ropes and webbing;
- (e) removable mechanical transmission devices.

This Regulation also applies to partly completed machinery.

For the purposes of this Regulation, machinery, the related products listed in the first subparagraph and partly completed machinery shall together be referred to as 'products within the scope of this Regulation'.



For the purposes of this Regulation, the following definitions apply:

(1) 'machinery' means:

- (a) an assembly, fitted with or intended to be fitted with a drive system other than directly applied human or animal effort, consisting of linked parts or components, at least one of which moves, and which are joined together for a specific application; (
- b) an assembly referred to in point (a), missing only the components to connect it on site or to sources of energy and motion;
- (c) an assembly referred to points (a) and (b), ready to be installed and able to function as it stands only if mounted on a means of transport, or installed in a building or a structure;
- (d) assemblies of machinery referred to in points (a), (b) and (c), or of partly completed machinery, which, in order to achieve the same end, are arranged and controlled so that they function as an integral whole;
- (e) an assembly of linked parts or components, at least one of which moves, and which are joined together, intended for lifting loads and whose only power source is directly applied human effort;
- (f) an assembly as referred to in points (a) to (e) missing only the uploading of the software intended for the specific application foreseen by the manufacturer;

(2) 'interchangeable equipment' means a device which, after the putting into service of machinery or an agricultural or forestry tractor, is assembled with that machinery or agricultural or forestry tractor by the operator in order to change its function or to attribute a new function to it, provided that the device is not a tool;

(3) 'safety component' means a physical or digital component, including software, of a product within the scope of this Regulation, which is designed or intended to fulfil a safety function and which is independently placed on the market, the failure or malfunction of which endanger the safety of persons, but which is not necessary in order for that product to function or for which normal components may be substituted in order for that product to function;

(4) 'safety function' means a function that serves to fulfil a protective measure designed to eliminate, or, if that is not possible, to reduce, a risk, which, if it fails, could result in an increase of that risk;

(5) 'lifting accessory' means a component or equipment, not attached to the lifting machinery, which enables the load to be held, which is placed between the machinery and the load or on the load itself, or which is intended to constitute an integral part of the load and which is independently placed on the market, including slings and their components;

(6) 'chains' means chains designed and constructed for lifting purposes as part of lifting machinery or lifting accessories;

(7) 'ropes' means ropes designed and constructed for lifting purposes as part of lifting machinery or lifting accessories;

(8) 'webbing' means webbing designed and constructed for lifting purposes as part of lifting machinery or lifting accessories;

(9) 'removable mechanical transmission device' means a removable component for transmitting power between selfpropelled machinery or a tractor and other machinery or related products by



joining them at the first fixed bearing; when it is placed on the market with a guard, the device and the guard are to be regarded as one item;

(10) 'partly completed machinery' means an assembly which is not yet machinery as it cannot in itself perform a specific application and which is only intended to be incorporated into or assembled with machinery or other partly completed machinery or equipment, thereby forming machinery;

Exceptions

This Regulation does not apply to:

(a) safety components that are intended to be used as spare parts to replace identical components and are supplied by the manufacturer of the original machinery, related product or partly completed machinery;

(b) specific equipment for use in fairgrounds or amusement parks;

(c) machinery and related products specially designed for use within or used in a nuclear installation and whose conformity with this Regulation may undermine the nuclear safety of that installation;

(d) weapons, including firearms;

(e) means of transport by air, on water and on rail networks except for machinery mounted on those means of transport;

(f) aeronautical products, parts and equipment that fall within the scope of Regulation (EU) 2018/1139 of the European Parliament and of the Council (21) and the definition of machinery under this Regulation, insofar as Regulation (EU) 2018/1139 covers the relevant essential health and safety requirements set out in this Regulation;

(g) motor vehicles and their trailers, as well as systems, components, separate technical units, parts and equipment designed and constructed for such vehicles, which fall within the scope of Regulation (EU) 2018/858, except for machinery mounted on those vehicles;

(h) two- or three-wheel vehicles and quadricycles, as well as systems, components, separate technical units, parts and equipment designed and constructed for such vehicles, that fall within the scope of Regulation (EU) No 168/2013, except for machinery mounted on those vehicles;

(i) agricultural and forestry tractors, as well as systems, components, separate technical units, parts and equipment designed and constructed for such tractors, that fall within the scope of Regulation (EU) No 167/2013, except for machinery mounted on those tractors;

(j) motor vehicles exclusively intended for competition;

(k) seagoing vessels and mobile offshore units and machinery installed on board such vessels or units;

(l) machinery or related products specially designed and constructed for military or police purposes;

(m) machinery or related products specially designed and constructed for research purposes for temporary use in laboratories;

(n) mine winding gear;



(o) machinery or related products intended to move performers during artistic performances;

(p) the following electrical and electronic products, insofar as they fall within the scope of Directive 2014/35/EU or of Directive 2014/53/EU:

(i) household appliances intended for domestic use which are not electrically operated furniture;

(ii) audio and video equipment;

(iii) information technology equipment;

(iv) ordinary office machinery, except additive printing machinery for producing three-dimensional products; (v) low-voltage switchgear and control gear;

(vi) electric motors;

(q) the following high-voltage electrical products:

(i) switchgear and control gear;

(ii) transformers
