



Determination of limits of machinery (EN ISO 12100:2010 5.3)

Name:	Machinery 04
Product:	M. - Machinery
Model:	M04
Serial:	00
Revision:	00 - 18/06/2021
Year of construction:	2021
Directive:	Dir. 2006/42/EC (EN)
Manufacturer:	
Intended use:	
Description:	

Use limits (EN ISO 12100:2010 5.3.2)

Use limits include the intended use and the reasonably foreseeable misuse. Aspects to be taken into account include the following:

- a. the different machine operating modes and different intervention procedures for the users, including interventions required by malfunctions of the machine;
- b. the use of the machinery (for example, industrial, non-industrial and domestic) by persons identified by sex, age, dominant hand usage, or limiting physical abilities (visual or hearing impairment, size, strength, etc.);
- c. the anticipated levels of training, experience or ability of users including:

1. operators,
2. maintenance personnel or technicians,
3. trainees and apprentices, and
4. the general public;

d. exposure of other persons to the hazards associated with the machinery where it can be reasonably foreseen:

1. persons likely to have a good awareness of the specific hazards, such as operators of adjacent machinery;
2. persons with little awareness of the specific hazards but likely to have a good awareness of site safety procedures, authorized routes, etc., such as administration staff;
3. persons likely to have very little awareness of the machine hazards or the site safety procedures, such as visitors or members of the general public, including children.

If specific information is not available in relation to b), above, the manufacturer should take into account general information on the intended user population (for example, appropriate anthropometric data).

Space limits (EN ISO 12100:2010 5.3.3)

Aspects of space limits to be taken into account include:

- a. the range of movement,
- b. space requirements for persons interacting with the machine, such as during operation and maintenance,
- c. human interaction such as the operator-machine interface, and
- d. the machine-power supply interface.

Time limits (EN ISO 12100:2010 5.3.4)

Aspects of time limits to be taken into account include:

- a. the life limit of the machinery and/or of some of its components (tooling, parts that can wear, electromechanical components, etc.), taking into account its intended use and reasonably foreseeable misuse, and
- b. recommended service intervals.

Other limits (EN ISO 12100:2010 5.3.5)

Examples of other limits include:

- a. properties of the material(s) to be processed,
- b. housekeeping - the level of cleanliness required, and
- c. environmental - the recommended minimum and maximum temperatures, whether the machine can be operated indoors or outdoors, in dry or wet weather, in direct sunlight, tolerance to dust and wet, etc.

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Project:	Machinery:	Year:
Progetto EN ISO 12100	Machinery 04	2021
Certifico S.r.l.	Mod.: M04	Serial: 00
		Rev.: 00