



**Check list for visual inspection and functional tests**  
 (This list is not exhaustive)

**No.  
 N6**

**TRANSLATION**

**Manually controlled  
 milling machines\*  
 with CE marking**

(\* in acc. with DIN EN 13128 „Safety of machine tools - Milling machines (including boring machines)“ - version 3/2007 – to concretize EC Machinery Directive 98/37/EC)

**Manually controlled milling machine:**

Machine where the arbor movement is controlled by actuating a handwheel or where the power-operated movement of a single arbor is controlled by using mechanical or electrical or other devices but without the possibility to carry out programmed multi-arbor movements.

Apart from the requirements relating to structure and condition mentioned in this check list, the terms of use laid down e.g. in the Betriebssicherheitsverordnung (BetrSichV) [Operational Safety Regulation] shall apply. The DVD "Prävention" of the VMBG provides corresponding supplementary regulations (e.g. model instructions).

**Details relating to the tested machine tool:**

**Manufacturer:** \_\_\_\_\_

**Type designation:** \_\_\_\_\_ **Year of manufacture:** \_\_\_\_\_

**Location:** \_\_\_\_\_ **Mach. no.:** \_\_\_\_\_

No.	Safety requirements	Source	Y/N
<b>1</b>	<b>CE marking</b>		
1.1	Is the CE marking affixed to the machine in a <b>clearly visible</b> and <b>permanent</b> manner?	9. GPSGV § 4	
<b>2</b>	<b>EC Declaration of conformity</b>		
2.1	Is an EC Declaration of conformity in acc. with <b>Annex II A of the Machinery Directive 98/37/EC</b> available for the <u>ready-for-use</u> machine?	9. GPSGV § 3	
<b>3</b>	<b>Marking</b>		
3.1	Are <b>name and address of the manufacturer, type designation and serial number as well as year of manufacture</b> declared on the machine?	EN 13128 cl. 7.4	
<b>4</b>	<b>Instructions for use</b>		
4.1	Do the instructions for use contain all necessary <b>safety-relevant information</b> available for the machine?	EN 13128 cl. 7.2	

	<b>Safety requirements</b>	<b>Source</b>	<b>Y/N</b>
<b>5</b>	<b>Requirements relating to structure and condition of manually controlled machines with permanently power-operated arbor advance up to 2 m/min and/or with fast motion up to 5 m/min controlled by hold-to-run control (touch control)</b>		
<b>5.1</b>	Is the machine table equipped with an adjustable tool protection or with an adjustable guard?	EN 13128 table 2	
<b>6</b>	<b>Requirements relating to structure and condition of manually controlled machines with permanently power-operated arbor advance exceeding 2 m/min and/or with fast motion exceeding 5 m/min controlled by hold-to-run control (touch control)</b>		
<b>6.1</b>	Is a fixed guard and/or a movable guard provided?	EN 13128 table 3 no. 1.1.1	
<b>6.2</b>	Is it, in set-up mode and with the moveable guard open, possible to activate arbor movements solely by using inching mode, and are these limited to 2 m/min?	EN 13128 table 3 no. 1.1.3	
<b>6.3</b>	Is it, in set-up mode and with the movable guard open, possible to activate spindle rotation either by using solely inching mode, or by using spindle start command device in conjunction with an acknowledgment device?	EN 13128 table 3 no. 1.1.3	
<b>6.3</b>	Are, in set-up mode, measures taken to ensure that the spindle can be stopped within two spindle rotations?	EN 13128 table 3 no. 1.1.3	
<b>6.4</b>	Can, in set-up mode, a mounted chip conveyor be activated solely in inching mode, or is another adequate protective measure provided?	EN 13128 table 3 no. 1.1.3	
<b>6.5</b>	Do fixed guards and/or interlocking movable guards prevent access to machine parts having a linear movement speed of more than 15 m/min?	EN 13128 table 3 no. 1.2	
<b>7</b>	<b>Requirements for structure and condition for the machine types mentioned under 5 and 6</b>		
<b>7.1</b>	Do fixed guards or interlocking movable guards prevent access to power-operated chip collection and removal systems?	EN 13128 table 5 no. 1.2	
<b>7.2</b>	Do fixed guards or, where appropriate, interlocking movable guards prevent access to driving parts?	EN 13128 table 5 no. 1.3	
<b>7.3</b>	Are appropriate measures taken to prevent persons from falling into pits located in or around the machine (e.g. railing)?	EN 13128 table 5 no. 1.4	
<b>7.4</b>	Are appropriate measures taken to prevent falls from a height on working platforms having a height of more than 500 mm (railing and toe-board)?	EN 13128 table 5 no. 1.5	
<b>7.5</b>	Are devices for energy supply disconnection (key-lockable switch for disconnection of the electrical energy) provided?	EN 13128 table 5 no. 2.1	

	<b>Safety requirements</b>	<b>Source</b>	<b>Y/N</b>
<b>7.6</b>	Do containment systems prevent health-damaging concentrations from escaping where cooling lubricants are used?	EN 13128 table 5 no. 7.1.4	
<b>7.7</b>	Is an integral or external evacuation system provided where cooling lubricants are used?	EN 13128 table 5 no. 7.1.4	
<b>7.8</b>	Do the instructions for use declare the noise emission values determined for the machine?	EN 13128 no. 7.3	
<b>7.9</b>	Does the machine design comply with ergonomic principles so that excessive effort and unhealthy postures are avoided?	EN 13128 table 5 no. 8.1	
<b>7.10</b>	Is the working area illuminated with at least 500 lux (measured at tool tip) with the guard open?	EN 13128 table 5 no. 8.4	
<b>7.11</b>	Is the machine equipped with emergency stop devices?	EN 13128 table 5 no. 14.1.2	
<b>7.12</b>	Are fixed means of access (ladders, stairways) provided for machine parts at heights requiring frequent access for the purpose of maintenance or fault clearance?	EN 13128 table 5 no. 19.3	

**Assessment (summary):**