

MLS-TR



Model MLS 130-TR



The MLS TR is an high performance machine, which can be inserted into automatized production lines; it has been designed for executing transversal multiple cuttings and millings on ledges, also coated with PVC, various laminated, wooden sheets and so on.

The machine features a precise and compact steel structure and is equipped with:

- regulation system of the cutting and grooving depth, without changing the working table height with respect to the floor;
- interchangeable working table of MDF, which assures the perfect execution of the cut without vibrations;
- tool-holder spindle of hardened and ground NiCr steel, with anti-rotation locking, so to make easier the tools change operations; it is supported on one extremity by a double fixed support and on the other one by a sliding support, which will be removed for tools change; on the MLS 160 TR there is assembled also a central support that is equipped with automatic locking;
- electrical equipment built in accordance with the current safety regulations and with high quality components
- advancement group of the workpieces through slats, formed of small blocks which push the workpieces towards the cutting area and of ledges with rubberised plates that keeps them pressed against the working table;

- anti-falling system of the advancement group ledges on the tools;
- advancement speed adjustable electronically through A.C. geared motor with inverter ;
- advancement group opening through pneumatic cylinder in order to make possible the change of the tools on the spindle;
- opening regulation of the workpieces passage through the advancement group, according to the thickness of the working ledges, with decimal positioning;
- safety system with function of thickness control of the input workpieces;
- input system of the workpieces through motorized belts and lifting bars;
- back group for worked pieces output through motorized belts;
- suction inlet for permitting an easier removal of the chip from the cutting area.

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TECHNICAL DATA:	MLS 130 TR	MLS 160 TR
Spindle motorization	from 15 kW	from 22 kW
Tool-holder spindle dimensions	Ø 80 x 1310 mm	Ø 80 x 1610 mm
Productivity	up to 30 pieces / minute	
Working table height	990 mm	
Max. tools diameter	275 mm	
Projection of the tools from the working table, adjustable...	from 27 to 47 mm with tools Ø 250 mm or from 40 to 60 mm with tools Ø 275 mm max.	
Max. milling depth	12 mm with mills Ø 180 mm 22 mm with mills Ø 200 mm	
Min. workpiece width	60 mm	
Max. workpiece width	350 mm	
Min. workpiece length	300 mm	
Max. workpiece length	1300 mm	1600 mm
Max. opening of the workpieces passage	50 mm	
Suction inlet dimensions	Ø 200 mm	
Supply power	380 V / 50 Hz	
Control Voltage	24 V	
Machine dimensions	2100 x 2260 x 1500 h mm	2400 x 2260 x 1500 h mm
Machine weight	1850 kg. approx.	2100 Kg. approx.

ON REQUEST :

- *hopper feeder for manual inserting of the workpieces*
- *tool-holder spindle motor with higher power, for harder workings*

ATTACHMENT and TOOLS :

- *spacer rings made of steel with ground plane surfaces (3 µm tolerance)*
- *MUR: revolving tools magazine, to make quicker the tools change*



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