



INDUSTRIAL SYSTEMS AND EQUIPMENT DESIGNED, BUILT AND
DELIVERED WITH AN INNOVATIVE VISION



MEC3000V1



MACHINE TOOLS



AUTOMATION



SPECIAL EQUIPMENT



LINE FOR CIRCULAR SAW TUBE CUTTING

acrobatservice.com

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PERFORMANCES

Round section: $\varnothing 12 \div 100$ mm

Square section: $\square 12 \div 80$ mm

Rectangular section: $12 \times 12 \div 120 \times 80$ mm

Cut: Straight

Min cutting length: 20 mm

Max cutting length: 3000 mm – Option 4500/6000 mm

Blade rotation: $30 \div 300$ rpm

Number of descent speeds of the head: 5, settable from the touchscreen

FUNCTIONALITY

Blade type: HSS -TCT

Piece length setting: From the touch screen with bar stop system

Optimization function: Cutting sequence proposed by PLC to reduce waste

Trim cut: Settable from the touch screen

Sorting: Settable from the touch screen

Production statistics: Displayed on the touch screen

Tele assistance: Ethernet cable

Industry 4.0 function: Installed on connected PC

CONFIGURATION

Blade diameter: $\varnothing 250 \div 325$ mm

Blade motor: 4 kW

Blade lubrication: Emulsion or micro lubrication

Movement of the cutting head: Recirculating ball screw with brushless motor

Bars feeding: Motorized rollers

Vices: 2 hydraulic independents vices with adjustable force

Control: PLC

Operator interface: Touch-screen HMI

OPTIONS

Automatic bundle loader “BM”

Deburring machine

End-Working machine



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AUTOMATIC CIRCULAR SAW TUBE CUTTING MACHINE



SECTORS: AUTOMOTIVE - FURNITURE INDUSTRY



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