



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



# MEC3000V1



MACHINE TOOLS



AUTOMATION



SPECIAL EQUIPMENT



LINE FOR CIRCULAR SAW TUBE CUTTING



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# MEC3000V1

## 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



# MEC3000V1 AUTOMATIC CIRCULAR SAW TUBE CUTTING MACHINE



SECTORS: AUTOMOTIVE - FURNITURE INDUSTRY

