

## MEP - VOLLAUTOMAT SHARK 331-1 NC 5.0 SPIDER (1125-6976)



**Control type**  
Sonstige

**Construction year**  
NEU

**Machine no.**  
1125-6976

**Make**  
MEP - VOLLAUTOMAT

**Location**  
D-49779 Niederlangen

Electro-hydraulic automatic miter band saw for cuts from 0 ° to 60 ° left

- new, innovative (Windows CE based) touch screen control
  - Cutting area around max. 280 mm (solid material)
  - Required space only 3.42 square meters
- New version: now with anti-vibration rollers and an even more powerful gear size 75 and considerably reinforced cast steel saw frame
- Semi-automatic operation (start / stop position of the saw bow is programmed via the keyboard. Vice closes / opens automatically, The saw arch is automatically returned to the start of the cut)
  - Fully automatic operation (10 programs, each with different Quantity (max. 9999) and length (max. 9999.9 mm) with an accuracy of  $\pm 0.1$  / 600 mm. Execution of up to 10 combined programs in one cycle. Three different cutting cycles can be selected
  - Stable, torsion-resistant and low-vibration saw frame made of cast steel
  - Carbide band guides for maximum cutting precision

- Large-sized deflection discs, adjustable made of cast steel with integrated belt circulation control
- Dynamic cutting pressure control (variably programmable, control via Stepper motor due to the torque monitoring of the belt drive)
- Precise adjustment of the cutting feed with information in mm / min.
- Frequency converter for stepless drive of the tool
- X-axis (material feed) via recirculating ball spindle with at least remaining piece 210 mm
- Control (Windows CE based) with 7 "touch screen and additional soft-Buttons, backlit display to show all  
Machine parameters and messages in plain text: Number of cuts (programmed / executed) / cutting speed / lowering speed / preselectable  
Cutting pressure (in amps) / cutting time / power consumption of the saw band motor /  
Saw band tension in kg (minimum band tension = 900 kg) / saw frame position (Y-Axis) / feeder position (X-axis) / alarms / faults (description and Causes) / diagnostics ...
- Saw band tension with band tension control and indication on the display by means of electronic converter
- Base with door
- Large, laterally pull-out chip tray and coolant container with 2 powerful coolant pumps, flushing nozzle with volume control for Chip removal from the work area, removable coolant tray 100 liters
- Coolant gun for cleaning the machine
- Vice with quick adjustment and exchangeable clamping and Stop jaws
- Chip removal brush for cleaning the saw band

## Machine attributes

cutting diameter:	300 mm
saw band length:	3650 mm
cutting width:	330 mm
dimensions of saw-band:	3650 x 27 x 0,9 mm
band speed:	15 - 100 m/min
capacity 90 degrees: round:	300 mm
capacity 90 degrees: square:	260 mm
capacity 90 degrees: flat:	330 x 260 mm
capacity 45 degrees: round:	li. 260 mm
capacity 45 degrees: square:	li. 250 mm
capacity 45 degrees: flat:	li. 270 x 200 mm
capacity 60 degrees: round:	li. 180 mm
capacity 60 degrees: square:	li. 170 mm
capacity 60 degrees: flat:	330 x 260 mm
motor:	2,2 kW
weight of the machine ca.:	1,24 t
dimensions of the machine ca.:	1,9 x 1,8 m

## Machine images

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