

## MEP - VOLLAUTOMAT SHARK 332-1 NC 5.0 (1125-7228)



**Control type**  
CNC

**Construction year**  
NEU

**Machine no.**  
1125-7228

**Make**  
MEP - VOLLAUTOMAT

**Location**  
D-49779 Niederlangen

Powerful miter band saw for cuts from 45 ° right to 60 ° left

Electro-hydraulic CNC machine with Windows CE based touch screen control

- Automatic cycle (cuts from 0 ° to 60 ° left)
- Semi-automatic, semi-automatic-dynamic and manual cycle (cuts from 45 ° right to 60 ° left).
- Manual or semi-automatic dynamic cycle to make cuts outside of series production directly without programming.
- Numerically controlled band saw machines with the new Windows ?CE? based control, specially developed by MEP for automatic machines.

### FEATURES:

- User interface with 7 ?touch screen display and mechanical keys for the operating functions of the sawing machine, guarantees reliable operation, simple and intuitive, and real-time control of all cutting parameters.
- Protective housing for the safety of the worker

- The control console on a swiveling arm enables comfortable and safe operation from any position.
- Display and entry of alarm and error messages with the option of displaying incidents that have occurred.
- Infinitely variable regulation of the cutting speed from 15 to 100 m / min via frequency converter (inverter).
- The latest generation of hydraulic power pack, extremely powerful with low energy consumption.
- Material feed with stepper motor via ball screw mounted on opposing ball bearings; 600 mm repeatable single stroke to saw any length.
- Positioning of the saw head and movement of the feeder using a joystick.
- Automatic detection of the cutting start position.
- Hand-operated strap tension control with indication on the display by means of an electronic converter.
- Automatic monitoring of the cutting load through a servo valve mounted directly on the cylinder.
- The coolant pan (equipped with 2 electric pumps for lubrication and cooling of the saw band) is built into the underframe
- The chip drawer can be replaced by a motorized chip conveyor - see special accessories.
- Preparation for the installation of the OPTIONAL minimum quantity lubrication system in addition to the conventional standard lubrication with emulsion oil.
- Sipping brush.
- Bimetal saw band for solid and profile material.
- Tool and instructions for use with list of spare parts.

## 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 / re. 200 mm
capacity 45 degrees: square:	li. 250 / re. 180 mm
capacity 45 degrees: flat:	li. 270x200 re. 200x160 mm
capacity 60 degrees: round:	li. 180 mm
capacity 60 degrees: square:	li. 170 mm
capacity 60 degrees: flat:	li. 170 x 170 mm
motor:	2,2 kW
weight of the machine ca.:	1,1 t
dimensions of the machine ca.:	1,9 x 1,8 m
Control:	Windows CE basiert

## Machine images