

Deephole Drilling and Milling Machine

Emsil group Narwhal



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|----------------------|---------------------------------------|
| stock-no.: | 0200114 |
| type of machine: | Deephole Drilling and Milling Machine |
| make: | Emsil group |
| type: | Narwhal |
| year of manufacture: | neu-new |
| type of control: | CNC |
| country of origin: | Romania |
| storage location: | Romania |
| delivery time: | on request |
| freight basis: | on request |
| price: | on request |



technical details

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|-----------------------------------|--------|
| drilling capacity diameter max.: | mm |
| table length: | mm |
| table width: | mm |
| throat: | mm |
| vertical adjustment: | mm |
| automatic feeds: | |
| revolutions per minute: | U/min. |
| longitudinal travel: | mm |
| cross travel: | mm |
| total power requirement: | kW |
| Weight approx.: | t |
| space requirements approx. LxWxH: | m |

additional information

This is a new machine which is manufactured in Romania by the manufacturer Emsil. Customer wishes can be taken into account depending on technical implementability and are checked in advance by the manufacturer's engineering office.

Narwhal features a drilling spindle that is made of hardened, tempered and rectified alloy steel. It is mounted with preloaded oblique precision ball bearings.

The machine is also equipped with a milling and boring bar which can handle exceptional power and torque. The bar is made of nitrided alloy steel and is also mounted with oblique preloaded precision ball bearings. It moves on bronze guide bushings.

The clamps of both units, used for securing and releasing the tool holder cone with ISO 50 coupling, open and close automatically

Rotary Turntable:

The table is turned by means of a double pinion gearbox, a central rod with bearings and hydrostatic sliding block of the centre bearing which is of a suitable size to guarantee maximum precision with large loads, even unbalanced ones.

There is a recirculating ball screw slide guide system for the x-axes. Both axes are equipped with a direct measuring system.

CNC Axes Control:

The 9 axes of the machine are monitored at all times. The monitoring system is equipped with a 15" TFT screen, a control panel, remote diagnostics that alert the user in case of faults, a user memory, network connectivity, remote control of the process, integrated PLC, etc.

The machine is compatible with the multiple control systems such as Heidenhain, Fanuc, Siemens etc.

You can choose the sizes of machining of X/Y and Z axes: from 1200 - 3500 / 1000 - 3500 / 400 - 1500mm