Vertical Turret Lathe Emsil group VTL 45/50

stock-no.:	0300721	
type of machine:	Vertical Turret Lathe	
make:	Emsil group	
type:	VTL 45/50	
year of manufacture:	NEU	
type of control:	CNC	
country of origin:	Romania	
storage location:	Mansfelder land	
delivery time:	by agreement	
freight basis:	in calculation	
price:	on request	



technical details

faceplate diameter:4500 mmswing diameter with side support:mmoperating hours:0 hswing diameter:5000 mmturning diameter:5000 mmworkpiece height max.:2500 mmcontrol:Sinumerik 840D SL*-axis:300 Hub/ram Slide mmx-axis:2850 Hub / ram travel mmx-axis:2850 working without tool mmx-axis:5000 with tool changer mmx-axis:800 Querwegelevating cross rail mmtool holder / places:12tool holder / places:100 ttable speed:1 - 50 U/minpassage opening in table:mmT-slots:8 Stück (36 H12)stroke speed:fräsen ram speed: 4000 U/minrapid power traverse in X-and Z direction:8000 mm/minTorque:fräsen : 10.000 NmTorque:graen ram speed: 4000 U/minweight of the machine ca.:140 tdimension machine approx.LxVWXH:11,5 x 6,6 x 8, 4 mdimension elevitie apfort.11,5 x 6,6 x 8, 4 m	table diameter:	4500 mm
operating hours: 0 h swing diameter: 5000 mm turning diameter: 5000 mm workpiece height max.: 2500 mm control: Sinumerik 840D SL axis: 300 Hub/ram Slide mm x-axis: 2850 Hub / ram travel mm x-axis: 2850 Working without tool mm x-axis: 1800 Querwegelevating cross rail mm tool holder / places: 12 tool holder / places: 12 tool taper: U/min workpiece weight: 100 t table speed: 1 - 50 U/min passage opening in table: mm raslets: 8 Stück (36 H12) stroke speed: fräsen ram speed: 4000 U/min rapid power traverse in X-and Z direction: 8000 mm/min Torque: fräsen: 100.000 Nm total power requirement: 80 (2x40) kW	faceplate diameter:	4500 mm
swing diameter: 5000 mm turning diameter: 5000 mm workpiece height max.: 2500 mm control: Sinumerik 840D SL x-axis: 300 Hub/ram Slide mm x-axis: 2850 Hub / ram travel mm x-axis: 2850 Working without tool mm x-axis: 2850 Working without tool mm x-axis: 5000 with tool changer mm x-axis: 1800 Querwegelevating cross rail mm tool holder / places: 12 tool holder / places: 12 tool taper: HSK 100 (spindle) revolution per minute: U/min workpiece weight: 100 t table speed: 1 - 50 U/min passage opening in table: mm T-slots: 8 Stück (36 H12) stroke speed: fräsen ram speed: 4000 U/min rapid power traverse in X-and Z direction: 8000 mm/min Torque: fräsen: 10.000 Nm total power requirement: wo (kreut) workpiece approx_LxWxH: 140 t	swing diameter with side support:	mm
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	weight of the machine ca .:	140 t
dimensiona electric aphinate	dimension machine approx.LxWxH:	11,5 x 6,6 x 8,4 m
	dimensions electric cabinet:	mm

additional information

CNC vertical lathe - vertical - NEW (It is a demonstration machine on the photos)

Application of the manufacturing processes:

Turning, such as external longitudinal turning, internal and external facing and profile machining. Grooving, such as internal and external

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Vertical Turret Lathe Emsil group VTL 45/50



Drilling, such as short hole drilling and deep hole drilling Milling, such as face-corner profile and T-slot milling Thread cutting But also suitable for roughing and end machining.

The machine bed, designed with a welded construction, absorbs extreme cutting forces.

The table is made of high-strength meehanite cast iron. To withstand heavy loads, the part weight is supported by two high-precision tapered roller bearings.

Furthermore, the table is equipped with hydrodynamic support for the workpiece.

other features: automatic tool change jaw chuck (8 pieces with power clamping spindle and hardened jaws) incl. cooling system 40bar with filter unit hydraulic and lubrication equipment ATOS and Dropsa with measuring system of axes Heidenhain Renishaw NEW - with guarantee & service via WWM AG