

Table Type Boring and Milling Machine

WMW UNION BFT 90/5-1



stock-no.:	0200753
type of machine:	Table Type Boring and Milling Machine
make:	WMW UNION
type:	BFT 90/5-1
year of manufacture:	-
type of control:	CNC
country of origin:	Germany
storage location:	GOG Bitterfeld
delivery time:	immediately
freight basis:	EXW, free on truck unpacked
price:	on request



technical details

spindle diameter:	90 mm
x-travel:	1250 mm
y-travel:	1560 mm
z-travel:	1600 mm
B-axis (table):	360 °
bore spindle stroke:	W = 710 mm
control:	Sienerik CNC-H 642
tool taper:	SK40
range drill spindle revolution per minute:	4-169 / 170-519 / 520-1600 U/min
max. torque on the spindle:	1450 Nm
table-size:	1400 x 1250 mm
table rotating:	360 °
table load:	3000 kg
feed steps:	X/Y/Z+W: 1...3150 steps mm/min
rapid traverse:	X/Y+Z: 4000 mm/U
rapid traverse:	W: 3150 mm/U
rapid traverse:	B: 2 mm/U
total power requirement:	ca. 25 kW
weight of the machine ca.:	9,7 t
dimensions L x W x H:	Maschine: 5,2 x 3,85 x 3,0 m
dimensions L x W x H:	E-Schrank: 2,5 x 0,66 x 2,2 m
dimensions L x W x H:	Hydr.Aggregat: ca. 0,6 x 0,4 x 0,8 m

additional information

The HBM Machine is currently in the technical department for research of technical details.

Possible processes:

Drilling cycles = centering and drilling, drilling with chip breaking, countersinking, deep drilling and deep boring, tapping with longitudinal compensation, reaming, boring, drilling from 2 working depths, chamfering with rapid traverse,

Milling cycles = meander, meander-interrupted cut, straight multiple cuts in Z, inner frame, pocket, outer frame, annular groove

Technical design:

with cross-moving rotary table with 360° scaling and automatic 90° rotary table positioning

Main drive by DC motor which drives directly onto the three-stage speed gearbox

All axes have a central feed motor (adjustable DC motor)

Automatic circulation lubrication

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Bedienung über Bedientafel mit Ausleger
Kühlmittelanlage (ohne Zuführung)
Hydraulikaggregat