

TECHNICAL DATASHEET
5-axis horizontal Table Type Borer

manufacturer	TOS VARNSDORF / ReTOS
type	WHN 13.8 CNC
control	SIEMENS 840D
built	2000



Travels

X-axis (lateral movement table)	3.500 mm
Y-axis (vertical movement spindle unit)	2.000 mm
Z-axis (longitudinal movement column)	1.250 mm
W-axis (movement quill)	800 mm
B-axis (rotary movement table)	360 °

Spindle

spindle diameter	130	mm
spindle cone	SK50	
spindle power	37	kW
spindle speed	10 - 2.500	1/min
Pull stud	form	DIN 69871/A

Rotary table

max. workpiece weight	12.000	kg
clamping size	1.800 x 1.800	mm
no. of T-slots	11	

Feed

feed range X-, Y-, Z- axis	4 - 3.000	mm/min
feed range W-axis	4 – 3.000	mm/min
rapid feed X-axis	10.000	mm/min
rapid feed Y, Z, W-axis	10.000	mm/min

Dimensions

Total weight	44.000	kg
Length x Width x Height	7.826 x 7.120 x 4500	mm
Total connected load	82	kVA

equipment

- Documentation in german language
- Spindle cooling unit
- coolant tank with cooling through outer coolant nozzles (inner cooling via cooling adapter possible)
- electronic handwheel