

# HORIZONTAL BORING AND MILLING MACHINES

## TABLE TYPE

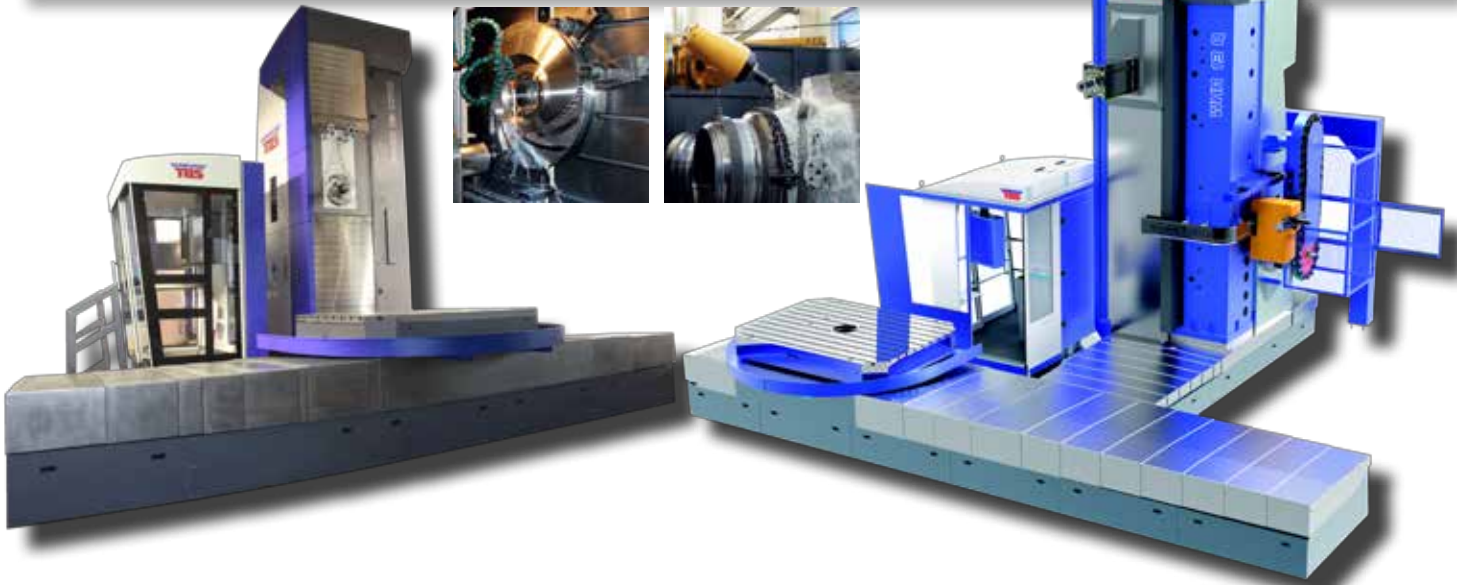


TABLE TYPE		WHN 13 CNC	WHN 15 CNC	WHN 110	WHN 130	WHR 13 (Q)
Spindle diameter	(mm)	130	150	112 (125)	130 (140)	130
Table transverse travel X	(mm)	3500, 4000, 5000, 6000	3500, 4000, 5000, 6000	1600, 2000, 2500, 3000	2000, 2500, 3000, 3500, 4000	3500, 4000, 5000, 6000
Headstock vertical travel Y	(mm)	2000, 2500, 3000, 3500	2000, 2500, 3000, 3500	1250, 1400, 1600 (1120, 1250, 1400)	1600, 2000, 2500 (1400, 1800, 2240)	2000, 2500, 3000
Column longitudinal travel Z	(mm)	1250, 1600, 2200, 3200	1250, 1600, 2000, 3200	800, 1000, 1250	1000, 1250, 1600, 2000	1250, 1600, 2200, 3200
Spindle stroke W	(mm)	800	900	710 (500)	800 (560)	650
Spindle speed range	(rpm)	10 ÷ 3000 (10 ÷ 1500)	10 ÷ 3000	10 ÷ 3300	10 ÷ 3000	10 ÷ 3000
Table clamping surface	(mm)	1800 × 1800 / 1800 × 2200 / 1800 × 2500 / 2000 × 3000 / 2500 × 3000	1800 × 1800 / 1800 × 2200 / 1800 × 2500 / 2000 × 3000	1250 × 1400, 1400 × 1600, 1400 × 1800	1600 × 1800, 1800 × 2400	1800 × 1800 / 1800 × 2200 / 1800 × 2500 / 2000 × 3000 / 2500 × 3000
Workpiece weight max.	(kg)	12000 / 16000 / 18000 / 25000	12000 / 16000 / 18000 / 25000	5000	8000	12000 / 16000 / 18000 / 25000
Main motor power	(kW)	41 / 46	53 / 55	41 / 46	41 / 46	41 / 46

TABLE TYPE		MAXIMA I	MAXIMA II
Spindle diameter	(mm)	130	150 (160)
Table transverse travel X	(mm)	3000, 4000, 5000*, 6000*	
Headstock vertical travel Y	(mm)	2000 ÷ 6000	2000 ÷ 6000
Ram stroke Z	(mm)	1500, 2000, 2500	1500, 2000, 2500
Spindle stroke W	(mm)	700	800
Spindle speed range	(rpm)	10 ÷ 3000	10 ÷ 2500 (2800)
Table clamping surface	(mm)	2000 × 2000, 2000 × 2500, 2500 × 3000, 3000 × 3000, 3000 × 3500, 3000 × 4000	
Workpiece weight max.	(kg)	30000	50000
Main motor power	(kW)	41 / 46	58 / 65

\* For rotary table with a load capacity of 30 tons only.

