

SPARE PARTS

We provide manufacture, sales and distribution of spare parts and technical documentation for machines of TOS VARNSDORF a.s. and RETOS VARNSDORF s.r.o. manufacture worldwide.



SERVICE

We provide customer service for our machines and machines manufactured by TOS VARNSDORF a.s. for the territory of the Czech Republic and abroad.



ACCESSORIES

You can add other accessories to your horizontal boring mill to increase your machining capabilities and take full advantage of all the machine's features.



SECOND HAND

You can take advantage of our many years of experience when buying used machines. After thorough inspection we buy and sell machines with proved history only. We provide full service including disassembling, shipping, installation, necessary repairs and further services.

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10XP SERIES NEW CNC GENERATION



RETIOX

- Horizontal boring mill – T-type
- Maximum variability – unit principle
- Optional travel of X, Y, Z axes
- Rolling guideways for all axes
- Wide range of technological accessories
- Pallet system (two tables)
- Ready for "Industry 4.0"

MAIN PARAMETERS (MAX.)

Ram cross section	315 x 380	mm
Workspindle diameter	105	mm
Clamping taper	50	ISO
Spindle speed range	3500	rpm
Table transversal travel (X)	3000	mm
Ram/headstock travel (Y)	2000	mm
Column longitudinal travel (Z)	2000	mm
Ram stroke (V)	650	mm
Spindle stroke (W)	610	mm
Table clamping surface	1500 x 1500	mm
Table loading capacity	8000	kg

RETIOP

- Horizontal boring mill – floor type
- Modern design
- Complete coverage of the group column / ram
- Maximum safety of operation
- Optional travel of X axis
- Rapid traverse – X = 28 m/min; Y = 24 m/min
- Ready for "Industry 4.0"

MAIN PARAMETERS (MAX.)

Ram cross section	315 x 380	mm
Workspindle diameter	105	mm
Clamping taper	50	ISO
Spindle speed range	3500	rpm
Column transversal travel (X)	12000	mm
Ram/headstock travel (Y)	2400	mm
Ram stroke (Z)	650	mm
Spindle stroke (W)	610	mm



PRODUCTION PROGRAMME





100AB SERIES

TABLE TYPE BORING MILLS



OVERHAULS



W100A

- Conventional horizontal boring mill – table type
- Solid design
- Fixed column, crosswise travelling table
- 4 linear axes, rotary table
- Sliding workspindle
- Facing head with tool slide

MAIN PARAMETERS (MAX.)

Workspindle diameter	100	mm
Clamping taper	50	ISO
Spindle speed range	1120	rpm
Table transversal travel (X)	1800	mm
Headstock travel (Y)	1120	mm
Table longitudinal travel (Z)	1750	mm
Spindle stroke (W)	900	mm
Table clamping surface	1500 x 1500	mm
Table loading capacity	5000	kg

RET100B

- Horizontal boring mill – table type
- Optionally automatic toolchanger
- Fixed column, crosswise travelling table
- 4 linear axes, rotary table
- Sliding workspindle
- Ready for "Industry 4.0"

MAIN PARAMETERS (MAX.)

Workspindle diameter	100	mm
Clamping taper	50	ISO
Spindle speed range	3000	rpm
Table transversal travel (X)	1600	mm
Headstock travel (Y)	1220	mm
Table longitudinal travel (Z)	1710	mm
Spindle stroke (W)	710	mm
Table clamping surface	1500 x 1500	mm
Table loading capacity	5000	kg

HP100A

- Conventional horizontal boring mill – floor type
- Floor type option to any W100A
- Beds can be joined to reach the requested length
- Transversal travelling column with headstock
- 3 linear axes
- Sliding workspindle
- Facing head with tool slide

MAIN PARAMETERS (MAX.)

Workspindle diameter	100	mm
Clamping taper	50	ISO
Spindle speed range	1120	rpm
Column transversal travel (X)	adaptable	mm
Headstock travel (Y)	2500	mm
Spindle stroke (Z)	900	mm

WHN13-CNC

- Horizontal boring mill – T-type
- Cross-shaped beds
- New headstock up to 3300 rpm
- Ready for "Industry 4.0"

MAIN PARAMETERS (MAX.)

Table transversal travel (X)	5000	mm
Headstock travel (Y)	3000	mm
Column longitudinal travel (Z)	2000	mm
Table loading capacity	40000	kg



WH10-CNC

- Horizontal boring mill – table type
- New or upgraded headstock up to 2500 rpm
- Ready for "Industry 4.0"

■ Available also as overhauled



■ Available also as overhauled