

YOUR PARTNER FOR HORIZONTAL BORING MILLS



MAIN PARAMETERS

Workspindle diameter	100	mm
Clamping taper	50	ISO
Spindle speed range	1120	rpm
Table transversal travel (X)	1600	mm
Headstock travel (Y)	1120	mm
Table longitudinal travel (Z)	810 / 1250 / 1750	mm
Spindle stroke (W)	900	mm
Table clamping surface	max. 1500 x 1500	mm x mm
Table loading capacity	max. 3000	kg

■ W100A

Historically very successful, the conventional boring mill W100A has successively been transferred from the mother manufacturer TOS VARNSDORF – in the first phase, from 2005, only in terms of manufacture, and since the 1st of January 2009, also including the distribution under the RETOS brand.



100AB
SERIES

RET100B

HORIZONTAL BORING MILL
TABLE TYPE



MAIN PARAMETERS

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)	900 / 1710	mm
Spindle stroke (W)	710	mm
Table clamping surface	max. 1500 x 1500	mm x mm
Table loading capacity	max. 3000	kg

■ RET100B

Contouring table type of horizontal boring machines designed by RETOS VARNSDORF. It offers an option to the manually operated machine W100A. Robust design and optional automatic tool change with a changing time of 15 s (from cut to cut). Machine designed for universal application in engineering production.

HPR50





MAIN PARAMETERS

Workspindle diameter	100 mm
Clamping taper	50 ISO
Spindle speed range	1120 rpm
Column transversal travel (X)	customisable from 2000 mm
Headstock travel (Y)	1600 / 2000 mm
Spindle stroke (Z)	900 mm

■ **HP100A**

Floor type option to the W100A. The advantage of this machine is the possibility of connecting the beds to achieve the required length of the crossing. Machine designed for piece and low-volume engineering production. Suitable for roughing as well as for finishing.



10XP
SERIES

■ RET10X

T-TYPE HORIZONTAL
BORING MILL



MAIN PARAMETERS

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

■ RET10X

T-type horizontal boring mill designed by RETOS VARNSDORF. Thanks to its unit principle, this machine excels in a maximum variability of design for various technological applications. According to your specific needs, you can choose between feeds in the V axis (ram) or W axis (spindle) or in both of them. Travel ranges in the main axes X, Y and Z. We offer a large portfolio of accessories for this machine.



10XP
SERIES

■ RET10P

HORIZONTAL BORING MILL
FLOOR TYPE



MAIN PARAMETERS

Ram cross section	315 / 380	mm
Workspindle diameter	100 / 105	mm
Clamping taper	50	ISO
Spindle speed range	3500	rpm
Column transversal travel (X)	max. 12000	mm
Ram/headstock travel (Y)	2000	mm
Ram stroke (Z)	650	mm
Spindle stroke (W)	610	mm

■ RET10P

RET10P is floor type horizontal boring mill designed by RETOS VARNSDORF. It fully meets the requirements on high production productivity, with maximum consideration of safety and operation convenience, as well as thoughtfulness towards the environment. Machine suitable for machining of large workpieces. Suitable for roughing as well as for finishing. Travel ranges, number of axes, and clamping surfaces and the level.

KFU-D2/90



WORLDWIDE LONG-TERM CUSTOMER SATISFACTION

- our strong experience in the field of this kind of machines
- we buy and sell machines with proved history only
- we do thorough machine inspection before we buy it
- we provide full service including disassembling, shipping, installation, necessary repairs and further services

DURING THE MACHINE'S LIFECYCLE WE PROVIDE

- technological advice
- spare parts
- service
- measuring and optimization of geometric accuracy of the machine
- partial repairs or general overhaul, modernisation
- accessories

MACHINE TYPES

- **RETOS VARNSORF** and **TOS VARNSORF** horizontal boring mills
- CNC and NC machines
- conventional machines

