



PORTAL SURFACE GRINDING MACHINES

With Movable Crossrail or Rotary Table

GUIDEWAYS PORTAL GRINDING MACHINES

(Movable Crossrail)



Large portal machines with movable crossrail, horizontal spindle and universal spindle.

TU/P SERIES

Technical Data		TU/P 200	TU/P 250	TU/P 300	TU/P 350	TU/P 400
Max. Grinding Length	mm	4000 ÷ 10000	4000 ÷ 16000	4000 ÷ 16000	4000 ÷ 16000	4000 ÷ 16000
Max. Grinding Width	mm	2000	2500	3000	3500	4000
Max. Grinding Height	mm	1500	2000	2000	2000	2000
Power Universal Head	kW	38	38	38	38	38
Swivelling Angle	±	110°	110°	110°	110°	110°
Wheel Speed	rpm	960 ÷ 3000	960 ÷ 3000	960 ÷ 3000	960 ÷ 3000	960 ÷ 3000
Wheel Diameter STD	mm	610	610	610	610	610
Power Horizontal Head	kW	50 ÷ 80	50 ÷ 80	50 ÷ 80	50 ÷ 80	50 ÷ 80
Wheel Speed	rpm	800	800	800	800	800
Wheel Diameter STD	mm	750	750	750	750	750

ROTARY TABLE GRINDING MACHINES

(Vertical Spindle)



Large portal machines with fixed crossrail and rotary table with one or two grinding heads.

TRD & TRD-2H SERIES

Technical Data		TRD	TRD/S	TRD/T	TRD/U	TRD/V
Max. Grinding External Diameter	mm	1600 ÷ 6000	1600 ÷ 6000	1600 ÷ 6000	1600 ÷ 6000	2100 ÷ 6000
Max. Grinding Internal Diameter by depth	mm	600 x 800	600 x 800	160 x 700	900 x 300	
Max Workpiece Height	mm	1000	1000	1000	1000	750
Rotary Table Speed	rpm	1 ÷ 50	1 ÷ 50	1 ÷ 50	1 ÷ 50	1 ÷ 50
Power	kW	10 ÷ 15	10 ÷ 15	10 ÷ 15	30	60
Swivelling Angle	±	-	15°	110°	110°	-
Wheel Diameter	mm	400 ÷ 508	400 ÷ 508	120 ÷ 508	80 ÷ 610	600
Wheel Speed	rpm	1400 ÷ 5000	1400 ÷ 5000	1100 ÷ 6000	800 ÷ 5000	800

Technical Data		TRD-2H	TRD/S-2H	TRD/U-2H
Max. Grinding External Diameter	mm	1600 ÷ 4300	1600 ÷ 4300	1600 ÷ 4300
Max Workpiece Height	mm	1200	1200	1200
I.D. Wheel Spindle Power	kW	10 ÷ 15	10 ÷ 15	10 ÷ 15
Swivelling Angle	±	-	15°	-
Wheel Speed	rpm	800 ÷ 5000	800 ÷ 5000	800 ÷ 3500
Wheel Diameter STD	mm	270 ÷ 508	270 ÷ 508	270 ÷ 508
O.D. Wheel Spindle Power	kW	30	30	30
Swivelling Angle	±	-	15°	110°
Wheel Speed	rpm	500 ÷ 2000	500 ÷ 2000	800 ÷ 5000
Wheel Diameter STD	mm	610	610	610
Rotary Table Speed	rpm	1 ÷ 50	1 ÷ 50	1 ÷ 50

ROTARY TABLE GRINDING MACHINES

(Vertical Spindle)



Swiveling saddle and Vertical spindle or Universal spindle.

TR-CN SERIES

Technical Data		TR-CN 1500	TR-CN 2000	TR-CN 2500	TR-CN 3000
Max. Grinding Diameter	mm	1600	2100	2600	3100
Max Workpiece Height	mm	1550	1550	1550	1550
I.D. Wheel Spindle Power	kW	15	15	15	15
Swivelling Angle	±	15°	15°	15°	15°
Wheel Speed	rpm	800 ÷ 2800	800 ÷ 2800	800 ÷ 2800	800 ÷ 2800
Wheel Diameter STD	mm	350 ÷ 508	350 ÷ 508	350 ÷ 508	350 ÷ 508
O.D. Wheel Spindle Power	kW	30	30	30	30
Wheel Speed	rpm	500 ÷ 2000	500 ÷ 2000	500 ÷ 2000	500 ÷ 2000
Wheel Diameter STD	mm	610	610	610	610
Rotary Table Speed	rpm	1 ÷ 50	1 ÷ 50	1 ÷ 50	1 ÷ 50

LINEAR MOTION GUIDES GRINDING MACHINES



Large portal machines with fixed crossrail for grinding Linear Roller and Linear Ball Guideways.



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