

# 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)



Swivelling saddle and Vertical spindle or Universal spindle.

### TR-CN SERIES

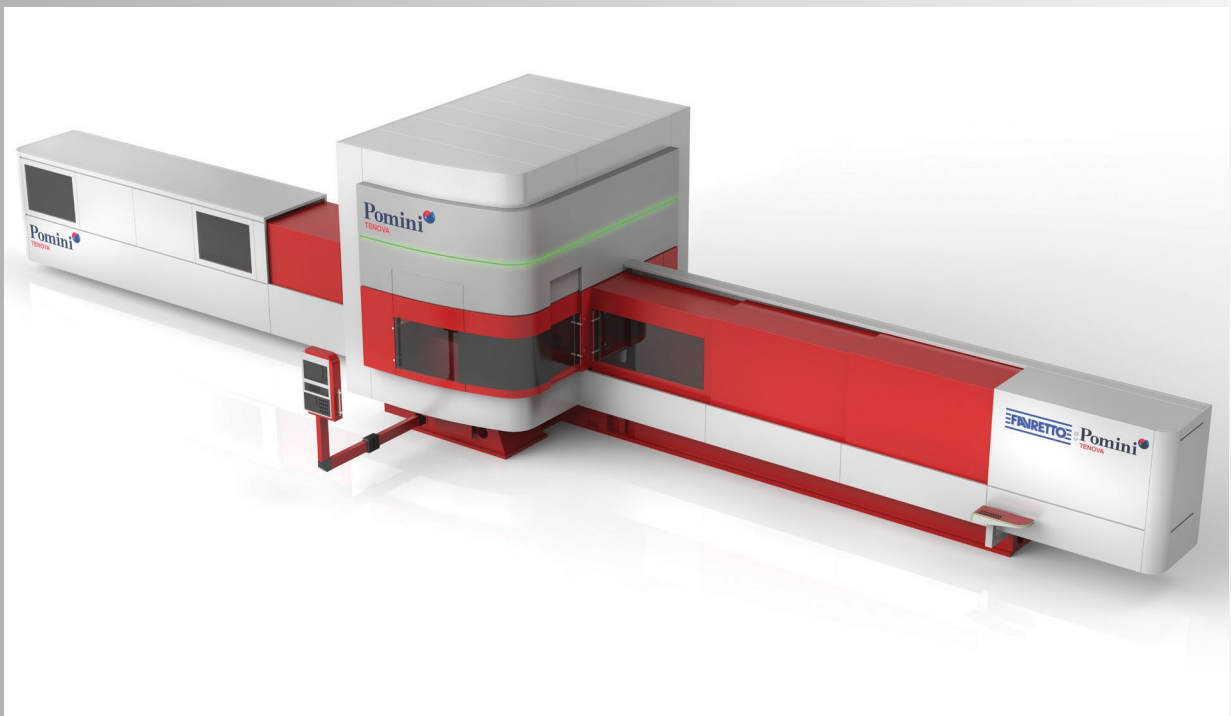
Technical Data		TR-CN 1500	TR-CN 2000	TR-CN 2500	TR-CN 3000
Max. Grinding Diameter	mm	1600	2100	2600	3100
Max Workpiece Height	mm	1550	1550	1550	1550
I.D. Wheel Spindle Power	kW	15	15	15	15
Swivelling Angle	±	15°	15°	15°	15°
Wheel Speed	rpm	800 ÷ 2800	800 ÷ 2800	800 ÷ 2800	800 ÷ 2800
Wheel Diameter STD	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.



GGD Machine for multi spindle Creep Feed grinding technology

# Sustainable solutions for a green transition of metals

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