Perfect RDT Series of rotary Table Surface Grinders.

RK International Machine Tools Ltd

Specifications:		PERFECT PFG-200DT PFG-250DT	PERFECT PFG-300DT PFG-400DT
Type:		Rotary table, Horizontal spindle	
Travel:	Table diameter	200mm 250mm	300mm 400mm
	Maimum grinding radius	130mm 140mm	190mm 240mm
	Maximum distance centre of spindle to table	400mm (500mm option)	300mm (400mm option)
Feeding:	Rotary table speed	20 - 110rpm	
	Rapid power cross feed	1000mm/min	
	Rapid power head elevation	300mm/min	
	Cross feed on handwheel	5.0mm per rev / 0.02mm per graduation	
	Vertical feed on handwheel	2.0mm per rev / 0.01mm per graduation	
	Auto downfeed	0.001mm to 0.999mm / time	
Grinding wheel:	Wheel speed	2900rpm	1450rpm
	Wheel dimension	180 x 13 x 31.75mm	355 x 38 x 127mm
	Wheel motor	2.0hp	5.0hp
Dimension:	Net weight	1300kg	1840 - 1890kg
	Floor space	1500 x 1650 x1800mm	1850 x 1900 x 2100

NEW PERFECT RDT SERIES of Rotary Table Surface Grinders. Standard Equipment includes:

NC Auto downfeed control system
LCD touch screen control panel with easy to use graphical interface
Micro feed for cross feed with 0.001mm fine feed
Magnetic chuck:
PFG-400DT: Electro magnetic chuck with demagnetiser
PFG-200/250/300DT: Permanent magnetic chuck
Ballscrew and microfeed for the cross feed
Tangential speed synchronisation. Rotary table speed will change when cross feeding
(300/400DT only) Stepless variable hydraulic system
Quantitive lubrication system
Full machine enclosure
Grinding wheel & wheel flange (including flange extractor)
Wheel balancing arbor and base
Parallel wheel dresser (manually operated)
Leveling screws and plates, Toolbox, work lamp and machine manual

Optional Equipment:
Increased spindle centre to table distance

Spindle motor upgrade
Spindle motor inverters
Coolant systems with paper filtration
Coolant systems with magnetic separator
Coolant systems with magnetic separator & paper filtration
Coolant systems with dust suction
Grinding wheels and wheel flanges
Digital readout for vertical axis.