

Radial drilling machines of the PRC series

PRC 50 / 60 / 80 / 100 Nr.: 620295 / 620301 / 620282 / 620283

Drilling with high performance with simple operation, the radial drilling machines of the PRC series offer you this and much more. They are built to be very robust and have been thought through down to the last detail.



Technical specifications:			
Drilling capacity in steel, mm	50 / 60 / 80	Lifting speed jig, m / min.	1,02/0,95
Cube table L x W mm		Number / speeds, min-1:	16/25-2000 / 16/16-1600 / 16/16-1250
PRC50	500 x 650 mm	Quill feed, mm / rev	0,1-1,25/0,04-3,20/0,04-3,20/0,04-3,20
PRC 60	630 x 800 mm	Number of quill feeds	16/16/16
PRC 80 W x L x H	100 x 800 x 560 mm / Weight 550kg	Drilling depth according to setting	122,15/115
Spindle taper	MK5 / MK 5 / MK 6	Spindle drive, kW	4 / 5,5 / 7,5
Spindle stroke, mm	315/400/450	Screw jack, kW	1,5 / 2,2 / 3
Overhang, min., mm	350/400/530	Column clamping, kW	0,75
Overhang, max., mm	1600/2000/2530	Coolant pump, kW	0,09
columns-Ø, mm	350/450/600	Dimensions LxBxH, mm:	
Distance spindle base plate, min/max, mm	370 - 1270 / 450 - 1650 / 600 - 2050	PRC 50	2500x1070x2880
Vertically adj. Boom, mm	580/800/1000	PRC 60	3080x1250x3245
		PRC 80	3730x1400x3835
		Net weight, ca. kg	3500/7300/10500
		Load capacity of the footplate (PRC80)	ca. 10t

Further accessories can be found in the appendix to this catalog or on request!



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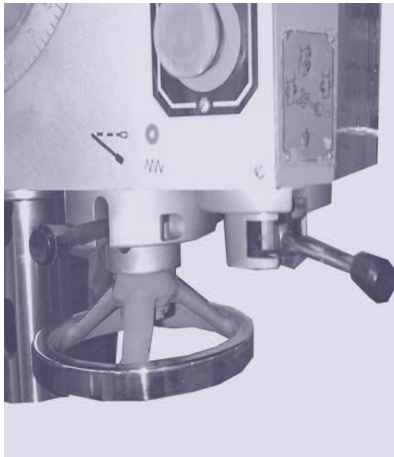
Technical data PRC 100

Drilling performance in steel	100 mm	Speed range	8-1000 U/min
Spindle taper	MK6	Number of drilling spindle feeds	16
Spindle stroke	500 mm	Feed range of the drilling spindle	0.06 - 3,20 mm/U
Throat min.	570 mm	Swivel range of the jig	360 Grad
Reach max.	3150 mm	Spindle drive	15 KW
Distance spindle nose to base plate	750 - 2500 mm	Weight	20000 Kg
Traverse path of the drilling slide on the boom	2580 mm	Dimensions LxWxH	4650x1630x4525 mm
Number of spindle speeds	22		

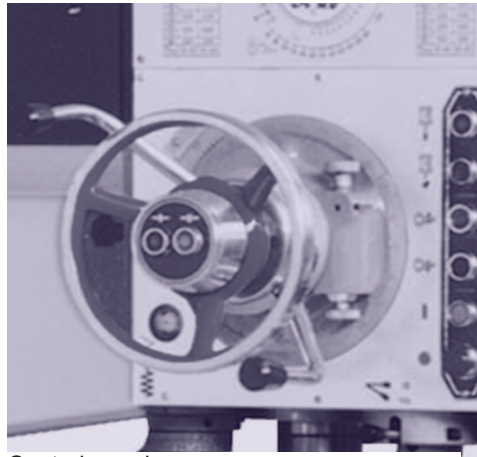
- Lifting motor for the boom movement
- Polished and strong ribbed column
- Automatic column lubrication every time the jig is moved up / down
- Heavily ribbed boom
- Hydraulic central clamping on the PRC 50 and 60 models
- Preselection switch for spindle speed and feed rate
- Main switch and coolant pump switch ON - OFF
- Coolant pump built into the machine base

Base plate with coolant tank and machined clamping surface with T-slots

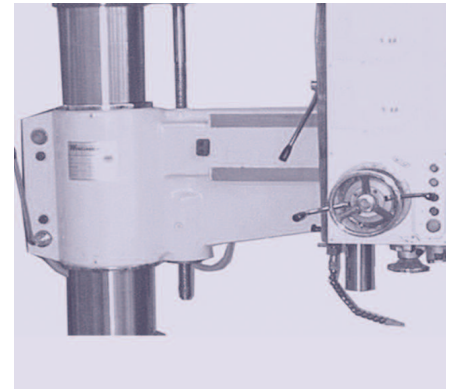
- Strong spindle motor
- Cantilever with flat guide above and dovetail guide below
- Selector switch
- Control panel with function keys
- Halogen machine light
- Pilot switch for selecting the direction of rotation and coupling the preselected speed and feed rate
- Cube table machined on both sides with clamping grooves



Fine feed



Control panel



jig

Standard equipment:

- Cube Table:

PRC 50	500 x 650 mm
PRC 60	630 x 800 mm
PRC 80 B x L x H	1000x800x560 mm / Gewicht 550 kg
PRC 100	800 x 1250 mm
- Complete coolant system
- Complete electrical equipment 400 V. / 50 Hz.
- Operating manual
- CE standard

Special accessories

- Hydraulic machine vice, MACK jaw width 150mm, clamping width 300mm, clamping force 5000 daN (No. : 615096)
- Rotating plate for FHS 150 ID no. 14-150S (No. : 615268)
- Hydraulic machine vice, MACK jaw width 200mm, clamping width 300mm, clamping force 7000 daN (No. : 615097)
- Turning plate for FHS 200 (no. : 615269)