

RADIAL DRILLING MACHINES SERIES PRC



HIGHLIGHTS

- Easy handling
- Pilot lever
- Modular system
- Heavily ribbed boom
- Powerful spindle motor

Touch screen version:

- manual/automatic operation
- Drilling cycles with speed specification
- Thread-cutting cycles with pitch calculation

TECHNICAL DATA AT A GLANCE

Machine type	 mm	 min ⁻¹	 kg	 kW
PRC 50	50	16/25-2.000	3.500	4
PRC 60	60	16/25-1.600	7.300	5,5
PRC 80	80	16/16-1.250	10.500	7,5
PRC 100	100	22/8-1.000	20.000	15
PRC 50 Touch	50	20-2.000	3.500	3,7

Further information on the machine series and numerous accessories can be found on our website:
<https://www.wagner-maschinen.de/en/drilling>

PILLAR AND RADIAL DRILLING MACHINES PRC 50/60/80/100/50 Touch

PRC 50 / 60 / 80 / 100 / 50 Touch – Order no.: 620295 / 620301 / 620282 / 620283 / 620291



ALL HIGHLIGHTS AT A GLANCE

- Lifting motor for boom movement
- Ground and strong ribbed column
- Automatic column lubrication with every boom movement of the boom up/down
- Heavily ribbed boom
- Hydraulic central clamping
- Preselection circuit for spindle speed and feed size
- Main switch and coolant pump switch ON-OFF
- Base plate with coolant tank and machined clamping surface with T-slots
- Coolant pump built into the machine base
- Powerful spindle motor
- Arm with flat guide at the top and dovetail guide at the bottom
- Selection switch
- Control panel with function buttons
- Halogen machine light
- Pilot switch for selecting the direction of rotation and engagement of the preselected speed and feed size
- Cube table machined on both sides with clamping grooves

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TECHNICAL DATA

- Drilling capacity in steel mm 50/60/80/100
- Cube table LxWxH mm:
PRC 50 500x650 mm
PRC 60 630x800 mm
PRC 80 750x1000 mm
PRC 100 800x1.290 mm
- Spindle taper MK5/MK5/MK6/MK6
- Spindle stroke mm 315/400/450/500
- Throat, min., mm 350/400/530/570
- Throat, max., mm 1.600/2.000/2.530/3.150
- Column-Ø, mm 350/450/600/750
- Distance spindle base plate, min/max, mm 370-1.270 / 450-1.650 / 600-2.050 / 750-2.500
- Vertical adjustment of the boom, mm 580/800/1.000/2.580
- Stroke speed of the booms, m/min. 1,2/1,02/0,95/0,06-3,20
- Number of quill feeds 16/16/16/16
- Quill feed, mm/U:
0,04-3,20 / 0,04-3,20 / 0,04-3,20 / 0,06-3,20
- Number/speeds, min⁻¹: 16/25-2.000 / 16/25-1.600 / 16/16-1.250 / 22/8-1.000
- Drilling depth acc. to setting scale, mm 122/151/151
- Spindle motor, kW 4/5,5/7,5/15
- Screw jack, kW 1,5/2,2/3
- Column clamping, kW 0,75
- Coolant pump, kW 0,09
- Dimensions LxWxH, mm:
PRC 50 2.500x1.070x2.880
PRC 60 3.080x1.250x3.245
PRC 80 3.730x1.400x3.835
PRC 100 4.650x1.630x4.525
- Net weight, approx. kg
3.500/7.300/10.500/20.000
- Load capacity of base plate (PRC 80) approx. 10 tones

STANDARD EQUIPMENT

- Cube table
- Complete coolant system
- Complete electrical equipment 400 V / 50 Hz
- Operating tool
- 1 set of reducing sleeves MK6-MK1
- Operating instructions
- CE standard
- **Touch-Version**
 - stepless speed
 - drilling cycles
 - Thread-cutting cycles

SPECIAL EQUIPMENT

- Hydraulic machine vice, MACK
jaw width 150 mm, clamping width 300 mm
clamping force 5000 daN
- Hydraulic machine vice, MACK
jaw width 200 mm, clamping width 300 mm
clamping force 7.000 daN
- Turning plate for FHS 150
- Turning plate for FHS 200

DETAIL PICTURES



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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.