



Radial Drill Presses

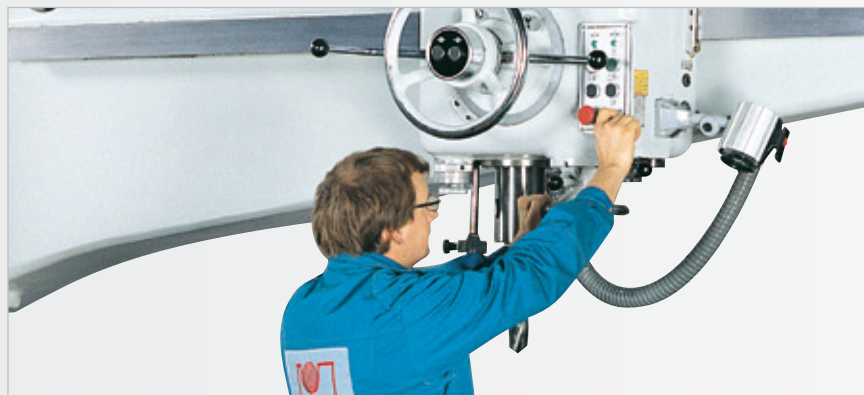
**R 40 • R 60 • R 70 • R 80 • R 100**

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**High-Performance Radial Drill Presses that meet any demands - for a very reasonable price**

- drilling capacity (steel / cast-iron) from 1.6" up to 3.9"
- max. throat up to 124"



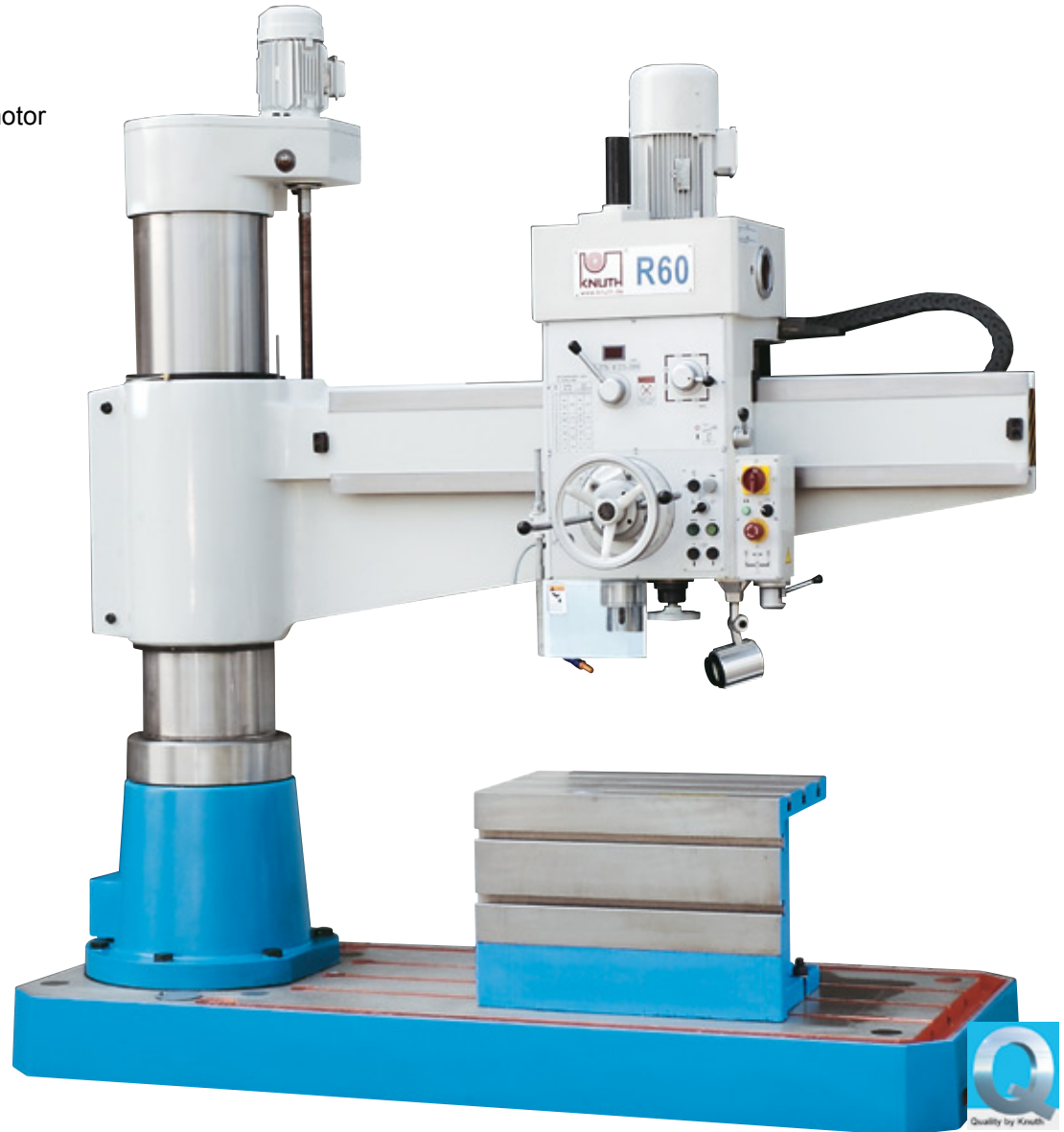


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DESCRIPTION

## For Drilling, Reaming and Tapping

- made of high-quality fine-grain cast-iron with heavy ribbing to ensure maximum reduction of vibrations
  - oil-immersed gears made of hardened and precision-ground CrNi steel gears
  - quiet operation
  - practical layout of electrical and mechanical controls on the front panel
  - height adjustment of arm via lifting screw and lifting motor
  - hardened and ground guides at the arm
  - hydraulic feed and spindle gears (except R 60)
  - mechanical clamping for head and arm (R 40)
  - hydraulically assisted mechanical clamping for models R 60, R 70, R 80 and R 100
- model R 60 features an **infinitely variable speed control** allowing perfect tool-specific and material-specific adjustment of the cutting speed, including digital display





# R 40 • R 60 • R 70 • R 80 • R 100

## SPECIFICATIONS

Specifications	R 40	R 60	R 70	R 80	R 100
drilling capacity in steel	1.6 "	2.4 "	2.8 "	3.1 "	3.9 "
drilling capacity in cast-iron	1.6 "	2.8 "	2.8 "	3.1 "	3.9 "
tapping capacity in steel	M 30	M 46	M 50	M 56	M 70
tapping capacity in cast-iron	M 36	M 52	M 56	M 64	M 80
boring depth (max.)	10 "	12 "	16 "	18 "	20 "
<b>Working area</b>					
dimensions, machine table	37 x 24 x 6 "	67 x 39 x 8 "	79 x 39 x 8 "	139 x 55 x 12 "	108 x 48 x 12 "
dimensions, cube table	18 x 24 x 18 "	20 x 30 x 20 "	31 x 25 x 20 "	39 x 31 x 22 "	39 x 31 x 22 "
spindle-to-column surface distance	10 - 39 "	14 - 63 "	18 - 79 "	20 - 98 "	22 - 124 "
spindle nose-to-table distance	9 - 20 "	14 - 49 "	16 - 63 "	22 - 79 "	30 - 98 "
drill head travel (horizontal)	30 "	49 "	63 "	79 "	102 "
arm stroke (vertical)	22 "	23 "	24 "	39 "	39 "
<b>Headstock</b>					
speed range	(8) 71 - 1,800 rpm	38 - 2,000 rpm	(16) 20 - 1,600 rpm	(16) 16 - 1,250 rpm	(22) 8 - 1,000 rpm
spindle mount	MT 4	MT 5	MT 5	MT 6	MT 6
<b>Feed</b>					
Feeds	(4) 0.01 - 0.02 "/R	(8) 0 - 0.04 "/R	(16) 0 - 0.13 "/R	(16) 0 - 0.13 "/R	(16) 0 - 0.13 "/R
<b>Drive Capacities</b>					
main motor rating	3 Hp	5.4 Hp	7.4 Hp	10.1 Hp	20.1 Hp
lift motor	1 Hp	2 Hp	2 Hp	4 Hp	4 Hp
<b>Dimensions/Weight</b>					
dimensions	69 x 30 x 79 "	98 x 39 x 109 "	121 x 49 x 130 "	147 x 55 x 158 "	188 x 64 x 186 "
weight	3,080 lbs	8,360 lbs	15,400 lbs	24,200 lbs	44,000 lbs
Part No.	101 550	101 649	101 654	101 652	101 653

### Optional Equipment

- reducing sleeve MT 5/2	Part No. 103 835	- HSS drills HSS MT 1/2	Part No. 102 460
- reducing sleeve MT 5/3	Part No. 103 840	- HSS drills HSS MT 2/3	Part No. 102 450
- reducing sleeve MT 5/4	Part No. 103 845	- HSS drills set TiN 1 - 13 mm	Part No. 102 470
- HSS drills 13 - 25 mm	Part No. 102 480	- accessory set MT 4, 8tlg.	Part No. 104 594

### Standard Equipment

- coolant system
- cube table
- halogen work lamp



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SPECIFICATIONS

### Dimensions

