RADIAL ARM DRILLS

USRD SERIES

U.S. Industrial's line of radial arm drills offer metal fabricators and manufacturers exceptional value by offering an affordable tool without compromising capability or durability. Its wide-reaching radial arm lets operators position the drill head precisely over large or heavy workpieces, reducing the need to move parts and speeding up setup. This flexibility improves accuracy and boosts overall shop efficiency. Combined with rigid construction, high spindle power, and the ability to handle large-diameter or deep holes—as well as tapping, boring, and countersinking—a U.S. Industrial radial drill provides performance typically found in far more expensive machines. Durable, versatile, and cost-effective, it's ideal for structural steel work, large weldments, and custom fabrication where bringing the tool to the part saves significant time and money.

Radial Arm Drills Specifications

Model#	USRD32-4	USRD50-5	USRD64-5
Maximum Drilling Capacity	1.5"	2"	2"
Distance from Spindle to Column	12.6" - 32.25"	13.75" - 49.25"	13.75" - 63"
Diameter of Column	7.8"	13.75"	13.75"
Spindle Morse Taper	5	5	5
Spindle Travel	9.5"	12.5" (Manual) 4.5" (Power)	12.5" (Manual) 4.5" (Power)
Spindle Speed / RPM	75-1220	25-2000	25-2000
Spindle Speed Steps	6	16	16
Range of Spindle Feed / mm/r	0.1 - 0.25	0.04 - 3.2	0.04 - 3.2
Spindle Feed Steps	3	16	16
Distance from Spindle to Worktable	4.75" - 34"	13.75" - 48"	13.75" - 48"
Worktable Size	15.75" x 15.75" x 13.75"	25" x 20" x 20"	25" x 20" x 20"
Main Motor Horsepower	2	5	5
Overall Dimensions	56" x 29" x 75"	85" x 42" x 105"	99" x 42" x 105"
Net Weight (lbs)	2,500	6,600	7,500

Standard Equipment

- Two side box work table with T-slots
- T-slotted Base
- Flood Coolant System
- Power Arm Elevation
- Power Arm Clamp
- High Precision, Low Noise Ground Gears
- Work Light

Standards That Drive Performance

Resources

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MACHINE OVERVIEW VIDEO

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