

The Rapid Radial Drill - A More Productive, Easier to Use Radial Drill.

The rapid radial drill continues to be the best selling radial drill in many markets around the globe. As example, the leading manufacturer Donau is selling rapid radial drills "Made In Germany" since 1955, and continues to do so with great success. These machines integrate also CNC control features with easy manual controls. Re-engineered over decades for more and more flexible uses with better economics, their benefit relies on speedy flexibility and operator friendliness, while outperforming conventional radial drills for many reasons.

The Rapid Radial Drill is an advanced development of the conventional radial drill, offering better economics with improved accuracy, speedier and more operator friendly use, and higher productivity.

- Economics:** Faster for higher returns
- Technical:** Faster with more Precision
- Operational:** Faster with better operator control
- Usefulness:** Faster by better ergonomics and overall machine arrangement
- Productivity:** Faster by easy to use automated features
- Safety:** More Safety by better economics and easier operating controls

In summary, the Rapid Radial Drill pairs effectiveness and efficiency for radial drill applications with well thought-out design features toward more everything.



ADVANTAGE: The Seemingly Floating Head Stock

Just push/pull the spindle with little effort into position. The drill head is located at the end of the rail, and thus provides best operator control, excellent operator view, and best ergonomics.

Why is the Rapid Radial Drill more rapid than a radial drill?

- Easier Positioning** – faster, easier, effortless, better control
– simple push/pull into position.
- Drill head location** - always located at the end of the radial arm.
- Ideal Process Control** – best operator view of his task performed
- Self-Centering Features** - Simple and quick centering functions
- Ready Work Areas** – Several different work-areas simplify or even eliminate the non-productive set-up work.
- Reliable** – quality construction with emphasis on simplicity.
- Automation** – useful automation features, and no CNC programming knowledge necessary for you to streamline your work with automated repeat functions.
- Integrated Probing** - Functions can even eliminate time-consuming part positioning alignment operations.
- Operating Panel** - Central, easy to use, operator controls
- at the front of the drill head .

The Rapid Radial Drill – continued.

Option: Smart display for 3-axis with computer support.

- Splash water protected operating panel
- Easy to read CRT with Graphic support
- Technology cycles require no programming knowledge
- Probing cycles for part orientation and center point
- Centralized controls
- And more



Examples for the many flexible layout options:

Ready and easy to use.



Key Features:

- Drilling Capacity up to 2 inch (55mm)
- Tapping Capacity up to 1 3/4 inch (M45)
- Spindle Power up to 7.5HP (5.5kW)
- Spindle Speed up to 3,200 rpm
- Reach (Swing) up to 62" (1,590mm)
- Feed Thrust up to 2640 lbs. (12 kN)
- Feed Rate up to 0.3 ipr (0.7mm/rev)
- AC Servo Drives, Feed and Spindle