

Ingersoll Rand® Self Feed Drills

Our **Bant-A-Matic**, **Par-A-Matic**, & **Super Par-A-Matic** Series self feed drills provide the selection, performance, and degree of precision to automate a wide range of secondary machining applications imply and economically.

Key Features include:

- Utilizes compressed air for both the spindle rotation and feed/controls function.
- Reliable rotary vane air motor offers high power-to-size performance which minimizes tool size and weight for added machine design flexibility.
- Tools are easily installed requiring only simple pneumatic circuitry.
- May be used individually or in conjunction with other Ingersoll Rand electric and pneumatic tools.
- Speed range from 350 to 19,000 RPM
- Twin head spindles available



Bant-A-Matic Series



Par-A-Matic Series



Super Par-A-Matic Series

Industry Applications

Aerospace:

Rivet holes, e.g., wing frame mounting holes

Appliances:

Panel / frame holes, e.g., shipping bases

Furniture:

Dowel holes for chair seats, frames or backs

Metal Fabrication:

Sheet metal, e.g., cast components

Recreational Vehicles:

ATVs, snowmobiles, trailers

Vehicle Components:

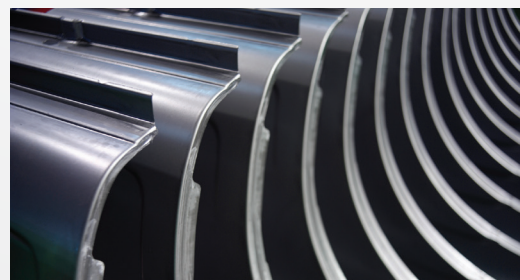
Engine mounts or hinges

Vehicle Frame:

Holes for body components, e.g., firewall

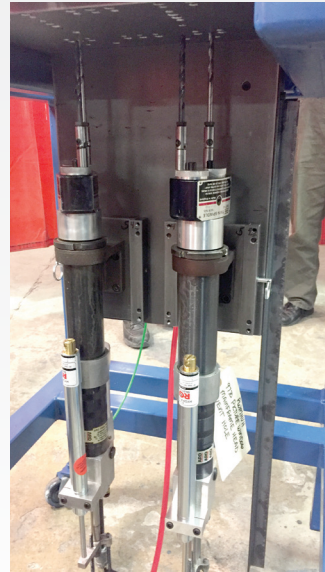
Windows / Doors / Cabinets:

Hinge, pilot or dowel holes



Feed Drill Setup Procedure

- 1 Remove thread guard (Left hand thread)
- 2 Insert drill in mounting fixture
- 3 Advance drill to work piece
- 4 Set end of stroke screw to depth of cut
- 5 Set Hydraulic Check to contact about 1/8" from part
- 6 Attach air line to main inlet
- 7 Install 9600 bleed valves
- 8 Attach air line to start and retract ports
- 9 Attach air line to start and retract buttons
- 10 Adjust feed rate down to "0" then start drill for a dry run
- 11 Increase feed rate as needed
- 12 Put part in fixture and make test run



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.

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