



## 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:**

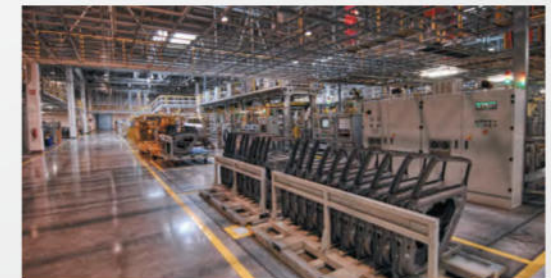
Engine mounts or hinges

#### **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), driven by an entrepreneurial spirit and ownership mindset, is committed to helping make life better. We provide innovative and mission-critical industrial, energy, medical and specialty vehicle products and services across 40+ respected brands designed to excel in even the most complex and harsh conditions where downtime is especially costly. Our employees connect to customers for life by delivering proven expertise, productivity and efficiency improvements.

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