

**IG 380 SD Specifications****Motors**

Grinding Spindle Motor	30HP, 200 - 1180RPM
Rotary Table Motor	3HP, 10 - 70RPM
Servo Column Motor	3.5KW
Coolant Pump	3/4HP, 45GPM

**Table**

Diameter	36" Thru-spindle vacuum/pressure feed
Table Features	Variable strength 3/4" fine pole electromagnetic chuck

*Contact a DCM Technical Specialist for custom table & fixturing options*

**Capacity**

Max Swing Diameter	40" 11" with grinding segments retracted
Max Part Height	9-3/4" with a 2A2T wheel

*Contact a DCM Technical Specialist for extended capacity options*

**Grinding Wheel Options**

2A2T Superabrasive or Conventional Segments	20" diameter
Cortland Style Hub & Segments	22" diameter

*Ask a DCM Technical Specialist about our wide variety of available abrasives*

**Feed System**

Servo driven Z-axis with precision ballscrew and encoder  
Feedrate variable from 0.0006 IPM to 0.1000 IPM  
AC motor driven Y-axis

**Electrical Requirements**

460V, 50/60Hz, 3 phase

*Consult DCM Technical Specialist regarding operation on other voltages*

### **Dimensions**

103" wide, 73" deep, 86" high

### **Weight**

Machine & Swarf System: 12,000lbs approximately

Electrical Box: 1,100lbs approximately

### **IG 380 SD Features**

- 36" variable speed table
- 30HP variable speed grinding spindle motor
- Electromagnetic chuck with auto demag cycle which can be configured with custom workholding systems
- Thru-spindle vacuum/pressure feed
- Integral air mist collection and coolant flow systems for clean consistent grinding
- Programmable touch screen controls
- Manual handwheel for precise Z-axis positioning
- Internal memory for saving grind process recipes for quick changeovers
- Password protection and operator lock-out features
- Automatic routine maintenance reminders
- 96" x 62" footprint