

IG 280 SD Specifications**Motors**

Grinding Spindle Motor	20HP, 200 - 2330RPM
Rotary Table Motor	1HP, 5 - 70RPM
Servo Column Motor	2KW
Coolant Pump	3/4HP, 45GPM

Table

Diameter	24" Thru-spindle vacuum/pressure feed
Table Features	Variable strength 3/4" fine pole electromagnetic chuck <i>18" diameter</i>
<i>Custom Table Options</i>	<i>T-slot or drilled for customer fixtures</i>

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

Capacity

Max Swing Diameter	27" 11" with a segmented wheel
Max Part Height	12" with a 2A2T wheel

Grinding Wheel Options

Segmented Wheel Hub Kits	12" or 15" diameter
2A2T Ring Wheel Hub	12" diameter
6A2 Wheel Hub	8" diameter
Cortland Chuck	12" or 15" 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

230V, 50/60Hz, 3 phase

Consult DCM Technical Specialist regarding operation on other voltages

Dimensions

80" wide, 68" deep, 90" high

Weight

Machine & Swarf System: 5,480LBS.

Electrical Box: 960LBS.

IG 280 SD Features

- 24" variable strength electromagnetic chuck with auto demag cycle
- 20HP variable speed grinding spindle motor
- Thru-spindle vacuum/pressure feed
- Integral air mist collection and coolant flow systems for clean and consistent grinding
- Programmable touch screen HMI controls
- Manual pulse generator for precise Z-axis positioning
- Internal memory for saving grind process recipes to aid in quick changeover
- Password protection and operator lock-out features
- Automatic routine maintenance reminders
- 76" x 64" Footprint