

IG 480 SD Specifications**Motors**

Grinding Spindle Motor	50HP, 200 - 1180RPM
Rotary Table Motor	3HP, 5 - 70RPM
Servo Column Motor	5KW
Coolant Pump	3/4HP, 45GPM

Table

Diameter	48"
	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	52"
	12" with grinding segments retracted
Max Part Height	10-1/2" with a 2A2T wheel

Grinding Wheel Options

2A2T Superabrasive or Conventional Segments	26" diameter
Cortland Style Hub & Segment	26" 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

1" wide, 82" deep, 88" high

Weight

Machine & Swarf System: 14,500lbs. (*estimated*)

Electrical Box: 1,500lbs. (*estimated*)

IG 480 SD Rotary Surface Grinder

Features:

The IG 480 SD is a powerful rotary surface grinder can take on large parts and tough materials with ease.

- 48" variable strength electromagnetic chuck with auto demag cycle
- 50HP 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
- 120" x 82" Footprint