

# DRAKE

## GS:DS DUAL SPINDLE GRINDER

Drake Manufacturing has revolutionized the thread grinding industry with its precision built solutions engineered for customer success. The GS:DS Dual Spindle Grinder is the newest addition to Drake's world-class machine tool product line. With the ability to grind multiple operations in one fixture setup, the GS:DS increases the accuracy and repeatability of critical dimensions, assuring proper alignment of threads to other precise datums.

MACHINE SPECIFICATIONS	GS:DS EXTERNAL	GS:DS INTERNAL
Length Between Centers (0° helix)	360mm	
Max Swing Diameter Over Table	580mm	560mm
Lead Angle (from horizontal)	±30°	+25° / -30°
Wheel Spindle Power	12kW/16kW	various
Wheel Spindle Speed	8,000 rpm	various
Standard Wheel Range (outside diameter)	≤400mm	≤100mm
Standard Wheel Range (width)	10 to 25mm, Optional: ≤60mm	5 to 20mm
Standard Wheel Range (bore)	160mm	various
Workhead Spindle Nose	A2-8	A2-8
Rapid Return Speed	Up to 40m/min	Up to 40m/min
Number of CNC Axes	5	5
Total Electrical Requirements	45kVA	45kVA
Voltage	200-600V	200-600V
Approximate Weight	7,300kg	7,300kg
Machine Dimensions (overall)	2.2m W x 2.7m D	2.2m W x 2.7m D
Machine Dimensions (workholding height)	1.2m above floor	1.2 m above floor
Diamond Dresser Roll Diameter	115 - 152mm	115 - 152mm
Standard Diamond Dresser Roll (width)	up to 32mm	up to 32mm

Machine specifications subject to change contingent on part requirements

### DISCOVER THE DRAKE DIFFERENCE

Call or Email  
**+1-330-847-7291**  
[info@drakemfg.com](mailto:info@drakemfg.com)



©DRAKE MANUFACTURING ACQUISITION LLC  
 4371 North Leavitt Road | Warren, Ohio 44485  
 330-847-7291 | [drakemfg.com](http://drakemfg.com)

