



MAX SERIES

AIR DIE GRINDERS

5102MAX , 5104MAX,
5103MAX-24, 5106MAX,
5107MAX, 5108MAX,
5109MAX-24 & 5208MAX



MAX OFFERINGS FOR THE DAILY GRIND.

MAX Series premium die grinders are now offered in more configurations and speeds, ensuring you have the best tool for any job. A powerful 0.4HP motor and speeds ranging from 12,000 to 35,000 RPM in angle, straight, and extended tools adds greater flexibility to your tool box. Designed for everyday use in vehicle repair and industrial settings, you won't have to choose between topnotch performance or your wallet.

MAX Power

With a 0.4HP (0.3kW) motor and speeds up to 35,000 RPM, MAX Series Die Grinders deliver best in class power to tackle the toughest jobs.

MAX Productivity

Spindle lock feature allows for quick abrasive changeovers reducing operator downtime (angle tools only).

MAX Comfort

Enhanced ergonomic grip design and low profile level throttle reduces operator fatigue & maximizes operator comfort during extended run-times.

MAX Cleanliness

Optimal lube-free vanes eliminates the need for daily oiling and oil contamination of the work piece and surrounding environment.



AIR ANGLE DIE GRINDER

5102MAX, 5104MAX & 5103MAX-24



AIR STRAIGHT DIE GRINDER

5106MAX, 5107MAX, 5108MAX & 5109MAX-24



MAX Productivity Now In More Configurations

For the ultimate performance and versatility in a lightweight package with superior maneuverability, the **MAX Series Die Grinders** are perfect choices. Use this powerful grinder in various applications including porting, weld breaking, deburring, polishing or grinding.

Quick Spec Overview	5102MAX, 5104MAX, 5103MAX-24	5106MAX, 5107MAX, 5108MAX, 5109MAX-24	5208MAX
CONFIGURATION	ANGLE	STRAIGHT	EXTENDED
Horsepower	0.4HP (0.3kW)	0.4 hp (0.3 kW)	0.4 hp (0.3 kW)
Free Speed (RPM)	12,000 & 20,000	25,000, 30,000 & 35,000	25,000
Outlet (Collet Size)	1/4" and 6 mm	1/4" and 6 mm	1/4" and 6 mm
Exhaust	Rear	Rear	Rear
Spindle Lock	Yes	-	-
Length (in)	7.0	6.6	9.6
Head Height Over Spindle (in)	3.4	-	-
Weight (lbs)	1.4 lbs	1.1-1.54 lbs	1.4 lbs
Vibration Level (m/s ²)	3.3 - 4.0	3.1 - 3.6	3.0
Vibration Uncertainty (K*m/s ²)	1.0 - 1.1	0.8 - 1.0	0.4
Sound Pressure / Power dB(A)	84.1 – 85.6 / 95.1 – 96.6	76.2 – 80.7 / 87.2 – 91.7	85.5 / 86.5
<small>"-24" models are sold as bulk items to reduce packaging and manual waste on site</small>	5103MAX-24	5109MAX-24	

AIR EXTENDED STRAIGHT DIE GRINDER

5208MAX



MAX AIR DIE GRINDERS - 1/4" (6.35MM) COLLET

Model	Configuration	Power hp (kW)	Free Speed rpm	Lever Position	Weight lb (kg)	Length in (mm)	Ave. Air Consumption	Sound dB(A)	Vibration (m/s ²)
5102MAX	Angle	0.4 (0.29)	20000	Bottom	1.4 (0.64)	7.0 (179)	170	84.1 / 95.1	3.3
5104MAX	Angle	0.4 (0.29)	12000	Bottom	1.4 (0.64)	7.0 (179)	170	85.6 / 96.6	4
5106MAX	Straight	0.4 (0.29)	35000	Bottom	1.0 (0.46)	6.6 (167)	170	82.6 / 93.6	2.6
5107MAX	Straight	0.4 (0.29)	30000	Bottom	1.0 (0.46)	6.6 (167)	170	81.6 / 92.6	3.5
5108MAX	Straight	0.4 (0.29)	25000	Bottom	1.0 (0.46)	6.6 (167)	170	83.3 / 94.3	1.8
5208MAX	Ext Straight	0.4 (0.29)	25000	Bottom	1.4 (0.64)	9.6 (244)	170	85.5 / 86.5	2.98
5103MAX-24	Angle	0.4 (0.29)	20000	Top	1.4 (0.64)	7.0 (178)	170	84.1 / 95.1	3.3
5109MAX-24	Straight	0.3 (0.29)	20000	Top	1.1 (0.5)	6.6 (168)	170	83.3 / 94.3	1.8

MAX AIR DIE GRINDERS - 6MM COLLETS

Model	Configuration	Power hp (kW)	Free Speed rpm	Lever Position	Weight lb (kg)	Length in (mm)	Ave. Air Consumption	Sound dB(A)	Vibration (m/s ²)
5102MAX-M	Angle	0.4 (0.29)	20000	Bottom	1.4 (0.64)	7.0 (179)	170	84.1 / 95.1	3.3
5104MAX-M	Angle	0.4 (0.29)	12000	Bottom	1.4 (0.64)	7.0 (179)	170	85.6 / 96.6	4
5106MAX-M	Straight	0.4 (0.29)	35000	Bottom	1.0 (0.46)	6.6 (167)	170	82.6 / 93.6	2.6
5107MAX-M	Straight	0.4 (0.29)	30000	Bottom	1.0 (0.46)	6.6 (167)	170	81.6 / 92.6	3.5
5108MAX-M	Straight	0.4 (0.29)	25000	Bottom	1.0 (0.46)	6.6 (167)	170	83.3 / 94.3	1.8
5208MAX-M	Ext Straight	0.4 (0.29)	25000	Bottom	1.4 (0.64)	9.6 (244)	170	85.5 / 86.5	2.98



Learn more at www.irttools.com

Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.