



The M2-Series industrial Grinders is offering high durability with a new powerful motor and less maintenance, more productivity with the speed governor helping to maximize life time of abrasive, an adjustable guard and the new spindle lock feature.

Also it offers versatility with the different configurations and speed rating covered by the range.

For sure with the new M2 series from Ingersoll Rand, you'll get more time to work and spend less time in maintenance.

- Powerful motor delivers 0.75 kW (1.0 HP).
- 12 000 rpm free speed.
- Lube-free design eliminates oil contamination of the workpiece and the shop area.
- Internal governor maximizes speed under load, increasing your rate of material removal.
- Ergonomic composite housing is lightweight, protects from cold air and offers great operator comfort.
- Rear exhaust directs air away from the operator.
- Piped-away exhaust system further reduces noise level and directs air away from the operator.

## Specifications at 6.2 bar (90 psi)

Part Number	<b>M2A120RP945</b>
Ordering number	<b>48391981IRI</b>
Wheel type	<b>Type 27</b>
Wheel capacity	<b>4.5 in / 115 mm</b>
Maximum wheel thickness	<b>1/4 in / 6 mm</b>
Spindle size	<b>M14</b>
Other available versions:	
- 9 000 rpm	<b>M2A090RP95</b>
- 12 000 rpm	<b>M2A120RP95</b>
- 125 mm (5") pad size	<b>M2A120RP95</b>

## PERFORMANCE

Rated power	<b>1.0 HP / 0.75 kW</b>
Free speed	<b>12 000 rpm</b>

## AIR SYSTEM

Air Inlet (NPT)	<b>3/8 in</b>
Minimum hose size	<b>3/8 in / 10 mm</b>
Air consumption at free speed	<b>17 CFM / 8.0 L/s</b>
Air consumption at load	<b>42 CFM / 19.8 L/s</b>

## NOISE & VIBRATION

Sound pressure / power (ISO15744)	<b>87.0 / 98.0 dB(A)</b>
Vibration level / measurement uncertainty (ISO28927)	<b>5.1 / 1.5 m/s<sup>2</sup></b>

## WEIGHT & DIMENSIONS

Tool weight	<b>3.76 lb / 1.71 kg</b>
Tool length	<b>9.29 in / 236 mm</b>
Height over spindle	<b>3.39 in / 86.2 mm</b>
Shipping weight	<b>6.15 lb / 2.8 kg</b>
Shipping dimensions (L x W x H)	<b>305 x 159 x 114 mm</b>
UPC / EAN code	<b>6 63024 00886 7</b>
Origin	<b>Made in USA</b>



# M2A120RP945

## ACCESSORIES



### 33304

91488205

Hose whip, 1/2" NPT, 13 mm inside diameter, 30 cm (1 ft)



### 77NMC3

88104088

7N7/7S7 Series nipple, 3/8" male thread, 7.2 mm bore (EURO 7.2 - 7.4)



### RH-12

92536051

PVC hose, 13 mm inside diameter, 30 m



### Filters, regulators, lubricators

For the complete range, see our accessory catalogue.



### IB8NMC3

88103304

IBN/IBS Series nipple, 3/8" male thread, 8 mm bore (ISO6150B / MIL-C4109)



### Quick Release Couplings

For the complete range, see our accessory catalogue.



### CO-1518

56753122

Hose clamps, 15-18 mm outside diameter, 100 pcs