

JCM 312 auto

Magnetic base drilling unit up to 3 1/8" (80 mm)

Part Number: 7 27 03 961 12 0



The JCM 312 auto workshop machine sets new standards in the areas of productivity, flexibility, and job safety for mag base drilling diameters up to 3 1/8" (80mm).

- Time and cost savings during large volume drilling due to a digitally controlled drill feed that provides uniform work progress in all materials combined with low tool wear.
- Predictable work times on contract and serial work due to repeatable and consistent drilling times.
- Excellent job safety due to an extensive safety package with torque slip clutch, visual magnet holding power gauge, and "Viseo Touch Pad" controls.
- High torque, high performance motor
- MT 3 mount
- QuickIN MAX fast change system
- QuickIN fast change system
- Extra long stroke
- Forward and reverse rotation
- Speed-controlled tacho electronics
- Powerful electromagnet
- Electronic magnet holding force increase
- Fine drill spindle adjustment
- Automatic coolant supply
- "Memory Function" speed storage
- Electronic overload protection



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Technical data

Carbide-tipped cutter max. dia. in (mm)	3 1/8 (80)
HSS cutter max. dia. in (mm)	2 9/16 (65)
Cutter max. drilling depth in (mm)	2 (50)
Twist drill max. dia. in (mm)	1 1/4 (32)
Tapping max. in (M)	1 1/8 (27)
Countersinking max. dia. in (mm)	2 (50)
Reaming max. dia. in (mm)	1 3/16 (31)
Input current A	15
Load speed	
1st gear rpm	110 – 180
2nd gear rpm	160 – 260
3rd gear rpm	350 – 580
Cutter holder	QuickIN / QuickIN MAX
Tool holder MT	3
Stroke in (mm)	5 11/16 (145)
Total stroke range in (mm)	11 3/16 (285)
Drill stand fine adjustment range in (mm)	± 5/32 (4.25)
Drill stand angular adjustment range	± 11°
Magnet holding force lbs (N)	4,050 (18,000)
Magnetic base dimensions in (mm)	10 11/16 × 3 9/16 (270 × 90)
Cable with plug ft (m)	13 (3.8)
Weight according to EPTA lbs (kg)	58.2 (26.4)

Price includes:

1 case
1 coolant container
1 safety strap
1 chip hook
1 3-jaw chuck 1/2" (13 mm) dia
1 QuickIN adapter for M 18 × 6 P 1.5
2 centering pins
1 drift
1 touch guard