

Newall M20-M Milling Machine DRO Package

The cost effective solution for your milling machine.

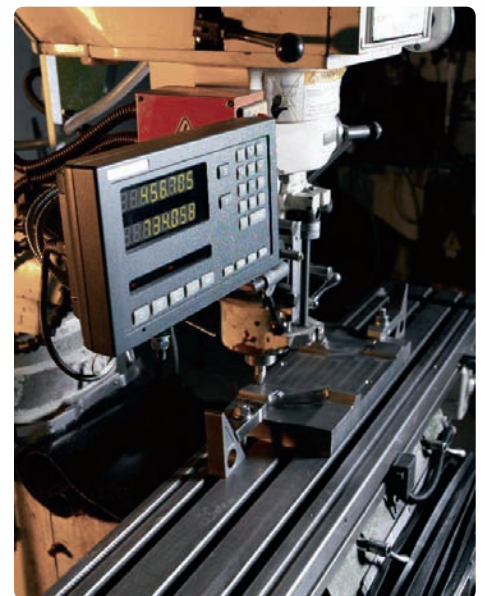


Newall's M20-M Milling Machine Package offers an incredible value for the shop owner who thought they couldn't afford a quality DRO system. With features found on more expensive readouts, the M20-M is housed in a rugged die-cast chassis. The M20-M includes salient features such as bolt hole circle, programmable memory and a host of other productivity enhancing features.

The M20-M Milling Machine Package features Newall's latest addition to its encoder line. The M20-TT magnetic linear encoders will withstand the demands of the harsh shop environment and provide years of trouble-free service you've come to expect from Newall.

Features

- Absolute/Incremental
- Inch/Metric Instant Conversion
- Zero Reset/Datum Preset
- Bolt Hole Circle Routine
- Bolt Hole Arc Routine
- Programmable Memory (99)
- Switchable Resolutions



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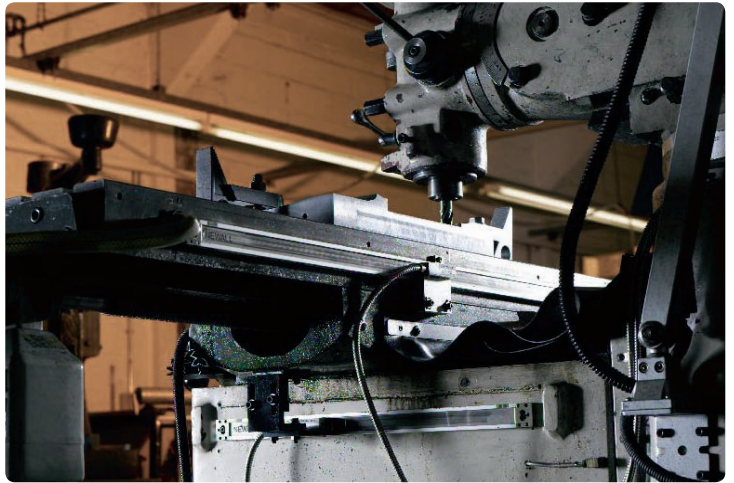


The milling machine package provides everything you need in an easy to install kit.

- Two axes M20 DRO
- Two IP67 Rated M20-TT Scales and Reader Heads
- Two Scale Guards
- Display Mounting Arm
- Mounting Bracket Kit and Hardware
- Installation and Operators Manuals

M20 Standard Features:

- Rugged Die Cast Chassis
- 2 Axes Readings
- Easy to Read 7 Segment LEDs
- Zero Reset/Datum Preset
- Inch/Metric Instant Conversion
- Absolute/Incremental Operation
- Selectable Counting Direction
- Bolt Hole Circle - 99 holes
- Bolt Hole Arc
- Last Value Storage
- Self Diagnostics
- Home Reference
- Linear Error Compensation
- Floating Negative Sign
- Near Zero Warning
- Center Find
- Fault/Error Alarm
- Programmable Memory
- Add/Subtraction Calculator



Travel	Part No.	List Price
12" x 30"	M201230	\$895.00
12" x 36"	M201236	
16" x 30"	M201630	
16" x 36"	M201636	
16" x 40"	M201640	

M20-TT Linear Encoders

Newall's M20-TT encoder is a fully self contained magnetic encoder that is unaffected by dust, dirt or vibration. The encoder consists of a reader head that travels along the length of a magnetically encoded scale. Magnetic pulses are detected by the reader head where they are converted to a square wave output. A stainless steel strip protects that magnetic scale from the rough shop environment. The non-contact magnetic encoder eliminates problems with machine backlash and screw pitch error.

- Counts through dirt, grease, water and oil
- Forgiving 0.020" gap height (+/-0.008")
- Non-contact measurement utilizing reliable magnetic technology
- IP67 Rating (fully submersible)
- Encoder Accuracy: +/- 0.0004"
- Resolution 0.0002"/0.0005"
- 3.5M armored cable



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