

STANDARD FEATURES

- Heavy duty rack and pinion drive
- Carriage with hardened double ball bearings
- Magnetic linear encoder for direct measuring
- Motor brake for secure positioning
- LED controller, displays in 0.001in (LCD available for fractional)
- 3,000 line program memory (hole-list)
- RS232 interface with PC
- Linear error compensation, 100 points
- Pneumatic material clamps
- Two speed stroke control with variable drill feed
- Proximity sensors for end of stroke
- Clean hole breakthrough
- Adjustments for varying material widths & center line changes

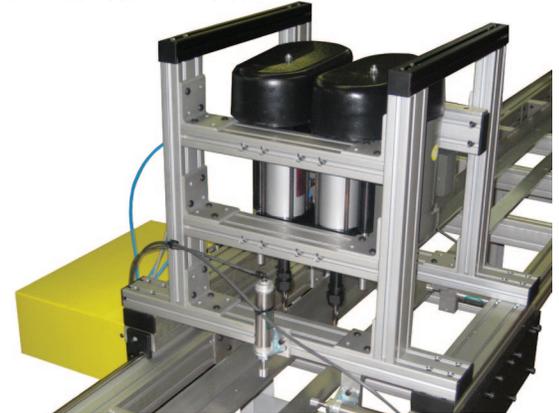
SPECIFICATIONS

- Carriage travel speed: 15in/sec, others available upon request
- Repeatability: +/- 0.001in (+/- 0.03mm)
- Encoder accuracy: +/- 0.001in/ft (+/- 0.1mm/m)
- Total length: measuring length + 36in
- Drill thrust force: up to 1,000lbs (model dependent)
- Spindle speeds: up to 8000 RPM (model dependent)
- Requirements: 110VAC & 230/460VAC 3-phase & shop air

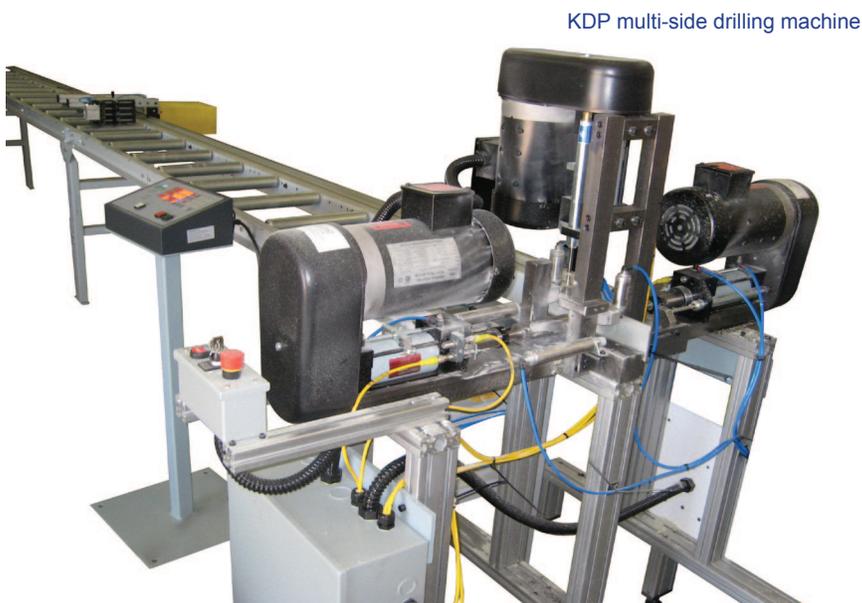
OPTIONS

- Adjustable skip speed / rapid advance through material voids (tubing)
- Multiple spindle heads
- Multiple axis drilling
- Onsite installation and training by factory technician

KDP multi-head drill - vertical



Custom KDP Drill Station with Automatic Pusher System



KDP multi-axis and multi-spindle drilling

