

Series 1500 TMM®

Exceptional Value and Accuracy



- Series 1500 with ParleVision® PSC configuration provides complete measuring and inspection at an affordable price.

The Series 1500 Parsetters® are the most rugged, dependable machines in their class. Perfectly suited for shop floor use, these machines can provide presetting, tool inspection, and tool management along with exceptional repeatability under almost any condition.

Utilizing SYMMETRY in its design, the 1500 is manufactured from ductile cast iron and features an ergonomic, quick positioning system that combines rapid, smooth travel with minimal pressure applied to the column and bearing systems. Available in a variety of sizes and configurations to fit most shop tooling.

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TOOL DATA MANAGEMENT AND COMMUNICATIONS



- Series 1500 with ParleVision® PGC PLUS configuration adds comprehensive tool data management and communications.

HEAT SHRINK INTEGRATION



- The 1500 platform is the perfect building block for an integrated shrink fit tooling system. Parlec is the world leader in researching and disseminating shrink fit technology.

TURNING APPLICATIONS



- Turning applications are perfectly suited to the 1500 platform. Combining travel over spindle centerline, and a configurable digital readout control Parlec presetters are the most economical way to handle the setup of turning tools.

FEATURES

Measuring Range

- **Diameter:** 320MM or 420MM
- **Length:** 400MM, 500MM, 600MM
- Extra 50MM to the right of spindle for turning applications.

Positioning

- Ergonomic quick positioning offers smooth travel and effortless motion.

Linear Encoders

- Heidenhain precision linear encoders on both axis. Resolution .0005 mm.

Base

- Ductile cast iron.
- Leveling elements and vibration dampening machine mounts assure stability.

Horizontal and Vertical Slides

- Precision ductile iron base and column with hardened and ground ways.
- Precision pre-loaded linear bearings assure accuracy.
- Bearings and ways protected from the environment by accordion bellows.

Spindle

- ISO 150 or 40 taper for CAT, BT, NMTB, and Big Plus tooling.
- Sleeved adapters to fit most other tooling styles.
- Custom spindles and fixturing available.

Dimensions and Weight

- **Overall Width:** 748mm (30")
- **Depth:** 527mm (21")
- **Height:** 890 mm (35") w/ 400mm Z-travel
1115mm (44") w/600mm Z-travel
- Average shipping weight is 234kg (515 lbs)

Utilities

- **Electric:** 110V 60HZ to 220V 50HZ
- **Air:** Standard shop air 60-90 PSI (for vacuum clamping or axis brake options only).

Options

- Fine adjust/axis brake system.
- Tool surface inspection.
- Centering optics for turning applications.
- Full feature spindles & tool length adjustment.