

FREE 30 DAY TRIAL PRICES START AT \$7,800



E346
Tool Presetter



- Exceptional Price Point
- ▶ Free Software Upgrades







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LARTH CONSTRUCTION

Bench Model

Natural Granite Base & Column

Stainless Steel Mechanical Elements

Dimensions 512mm L x 406mm D x 827mm H

Weight 45 Kg / 99 lbs

AXIS MOVEMENT

X Axis (Radial) = 130mm / 5.188in

Z Axis = 360mm / 14.17in

Resolution X & Z Axis - 1 µm

Manual Rapid & Fine Adjustment Movement (Zero Backlash)

SPINDLE

Fixed or Interchangeable Rotating Spindles

ISO / HSK / CAPTO / VDI / Interchangeable Rotating Spindles Available

ISO 40, 50 Fixed Rotating Spindle Holder & Adapters Available

Manual Mechanical Brake

Concentricity - 4 μm

Maximum Tool Weight 30kg / 66 lbs.

OPERATING SYSTEM

5.7" Color LCD Touchscreen Display / Operator Interface / 640 x 480 Resolution

RISC 32 Bit Processor

Data Storage on Flash

Connectivity - USB / RS-232

Printer Support (optional)

Capable of Storing 9 Different Machine

Specifications

Capable of Storing 9 Different Tool Sets (99 tools per set)

CAPABILITIES

Measure - Full Screen Auto Targeting

Measure - X&Z Axis Focusing Control Bar

Measure - Automatic Radius & Angle Computing Cycle

Measure - Radius/Diameter, MM/Inches, Absolute/Incremental Modes

VISION SYSTEM

Telecentric Lens / C-MOS Image Sensor with 0.001mm resolution / 20x Magnification

DPP SOFTWARE (Optional)

Tool List Management / Tool Sets & Post Processor Universal Generator

CNC Machine Origin Management



NATURAL GRANITE

All Elbo Controlli tool presetters utilize natural granite for the column and base to insure the best thermal stability. This solid base construction, together with Elbo Controlli's excellence in manufacturing, all but eliminates the need for re-alignments and guarantees proper functioning over the life of the unit.



PRECISION SPINDLE SYSTEM

All Elbo Controlli precision spindle systems are fully interchangeable. The one-piece cartridge eliminates the need for adapters and the errors associated with their use.



ERGONOMICALLY DESIGNED CONTROLS

Ergonomically designed micrometric hand wheels for X and Z axes allows for precise and smooth fixed-target and auto adjustments. The operator can move the axis simultaneously or independently.

E346 CONSTRUCTION

Bench Model

Natural Granite Base & Column

Stainless Steel Mechanical Elements

Dimensions 598mm L x 408mm D x 901mm H

Weight 70 Kg / 155 lbs

AXIS MOVEMENT

X Axis (Radial) = 180mm / 7.09in

X Axis (Diameter) = 360mm / 14.2in

Z Axis = 460mm / 18.11in

Resolution X & Z Axis - 1 µm

Manual Rapid & Fine Adjustment Movement (Zero Backlash)

SPINDLE

Fixed or Interchangeable Rotating Spindles

ISO / HSK / CAPTO / VDI / Interchangeable Rotating Spindles Available

ISO 40, 50 Fixed Rotating Spindle Holder & Adapters Available

Manual Mechanical Brake

Concentricity 2 µm

Maximum Tool Weight 30kg / 66 lbs.

OPERATING SYSTEM

9" Color TFT Touchscreen Display / Operator Interface / 640 x 480 Resolution

Connectivity - USB / RS-232

Printer Support

Capable of Storing 9 Different Machine Specifications

Capable of Storing 9 Different Tool Sets (99 tools per set)

CAPABILITIES

Measure - Full Screen Auto Targeting

Measure - X&Z Axis Focusing Control Bar

Measure - Automatic Radius & Angle Computing Cycle

Measure - Radius/Diameter, MM/Inches,

Absolute/Incremental Modes

Measure radial and axial runout

VISION SYSTEM

Telecentric Lens / C-MOS Image Sensor with 0.001mm resolution / 25x Magnification

Cutting Edge Inspection for wear and tear

Diascopic Illuminator for Greater Contrast and Enhanced Clarity for Geometrical Profiling when Measuring

Episcopic Illuminator to Best Expose Tool Surfaces for Inspection

TD346 SOFTWARE (Standard)

Tool List Management / Tool Sets & Post Processor Universal Generator

50 CNC machine-specific postprocessors

User friendly backup

Free Software Upgrades