

# KOMMA



elbo controllii 

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



# LARTH & E346

## 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

### SPINDLE

Fixed or Interchangeable Rotating Spindles  
ISO / HSK / CAPTO / VDI / Interchangeable Rotating Spindles Available  
ISO 40, 50 Fixed Rotating Spindle Holder & Adapters  
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

### DPP SOFTWARE (Optional)

Tool List Management / Tool Sets & Post Processor Universal Generator

## 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

### SPINDLE

Fixed or Interchangeable Rotating Spindles  
ISO / HSK / CAPTO / VDI / Interchangeable Rotating Spindles Available  
ISO 40, 50 Fixed Rotating Spindle Holder & Adapters  
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  
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



LARTH



E346

## ADDITIONAL FEATURES



**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 them.



**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.



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