

KOMPA



E346

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 μ m
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 μ m
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

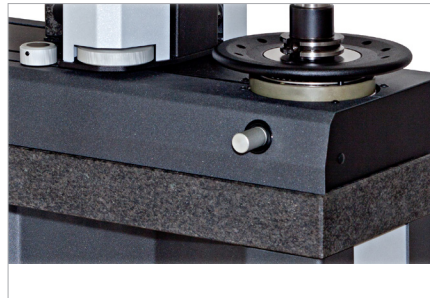
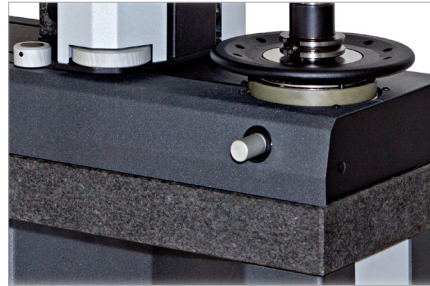
VISION SYSTEM

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

FEATURES



E346 shown with optional stand and printer.

PROPRIETARY VISION SYSTEM

High resolution camera system utilizing our realized technology. The telecentric lens with C-MOS sensor produce the most accurate lighting system available.

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.

SPINDLE HOLDER OPTIONS

Interchangeable revolving spindle with mechanical rotation brake. Two pre-loaded ball cages allow a concentricity accuracy within 2 μ m.

VERSIONS

- ISO / BT 40, 50 / HSK / CAPTO / VDI Interchangeable Rotating Spindle
- ISO 40, 50 Fixed Rotating Spindle Holder & Adapters Available.

NATURAL GRANITE

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

SPINDLE ROTATION BRAKE

Mechanical spindle rotation brake: acting clockwise on the spindle-brake knob, it will be achieve a clutch of the spindle-holder.

TOOL DATA 346 SOFTWARE

Td346 allows to generate the corrector files, in more than 50 CNC machine-specific postprocessors by the universal post-processor creator. User friendly backup and restore management of machine origins and tool-lists.

E346



MEASURE & INSPECT. BENCH MODEL.





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