

# KOMPA



## 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  $\mu$ 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 - 4  $\mu$ m

Maximum Tool Weight 30kg / 66 lbs.

## OPERATING SYSTEM

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

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

Measure radial and axial runout

## VISION SYSTEM

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

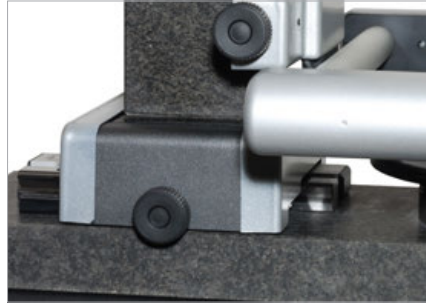
## DPP SOFTWARE (Optional)

Tool List Management / Tool Sets & Post Processor Universal Generator

CNC Machine Origin Management

Free software upgrades

## FEATURES



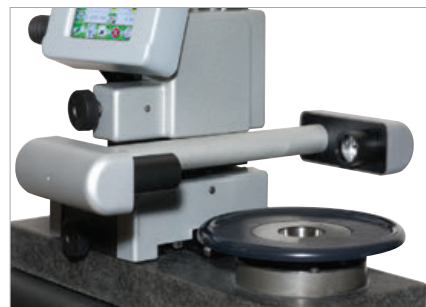
### NATURAL GRANITE

Our tool presetters 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.



### 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.



### PROPRIETARY VISION SYSTEM

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

Integrated LCD touchscreen / vision screen for quick and easy operation.

## OPTIONS



### SPINDLE HOLDER OPTIONS

Fixed or interchangeable rotating spindle holder available.

### VERSIONS

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



### OPTIONAL DATA POST PROCESSING SOFTWARE (DPP)

User friendly and flexible software for applications that require precision measurement. DPP software allows you to upgrade BIOS, manage tool tables and set machine tool origins, to create files to send to the NC Controller.

# LARTH



BASIC MEASUREMENT. BENCH MODEL.





Tel: 1.800.249.5662  
Fax: 860.623.4132

info@komaprecision.com  
www.komaprecision.com

20 Thompson Road  
East Windsor, CT 06088

