

Product information: automatic measuring table

# Opto-DesQ *Vmax*.



**HECHT**  
Perfect in Position



## Automatic measuring table **Opto-DesQ *Vmax***.

- Reliable and fast measurement in production
- Fully automatic quality and process control
- Increased productivity due to reduced set-up time
- Random sample measurement directly on the production line



**HECHT AG**

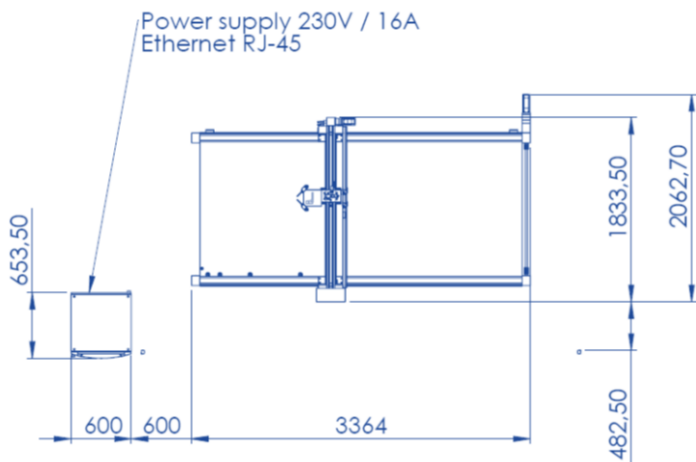
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# HECHT Opto-DesQ Vmax.



## Drawing:



Top view - Subject to technical changes

## Field of application:

- **Good receipt:**  
Quality inspection of delivered parts
- **Quality assurance:**  
Random sample measurement directly at the production line
- **Production:**
  - For regular checking of the machine settings before production start of a series
  - Process control (safety in production)
  - Reduction of set-up time through automatic feedback to the operator, of the drilling spindles to be adjusted in X-, Y- and Z-direction.
- **Shipping:**  
Quality inspection before delivery

## Basic equipment:

- Automatic measuring table with high precision granite stone plate
- Dimensional control of lengths, widths, angles, radii, ellipses, recesses, bore diameters, bore, milling and grooving coordinates, horizontal bores
- Comparison of nominal/actual values
- Non-contact measurement by camera system with image recognition software
- Automatic documentation and archiving of measured values in EXCEL, SQL, PDF possible

## Options & components:

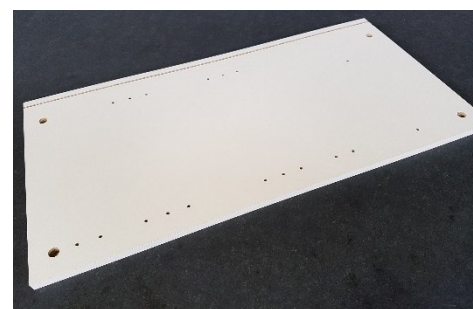
- **Measuring table Opto-DesQ Vmax – IKEA KH&WD**  
IKEA Keyhole & WedgeDowel
- **Measuring table Opto-DesQ Vmax. - Vario**  
Special size - other dimensions on request
- **Measuring table Opto-DesQ - LT**  
Measuring table with a longitudinal conveyor for a Stop&Go operation in a production line
- **Add-on module: Inline Presence check inspection**  
100% monitoring of boreholes in the drilling line.
- Create measuring programs from machine files
- Machine connection: Data feedback "drilling spindle for continuous drilling machines DRILLTEQ, Techno FDT, etc.,



Measuring table directly next to the drilling line in the production.



Measurement result in tabular form with colored markings



Measurement of bores for plate-shaped workpieces

## Technical Data:

Operation   Control   Operating system:	PC control   HECHT Opto-DesQ Software   Windows
Measuring range:	X = 2,700 mm / Y = 1,250 mm / Z = 85 mm (other sizes - on request)
Resolution:	0.01 mm
Accuracy (tolerance):	< +/- 0.1 mm
Weight:	ca. 2,500 kg
Connected load:	min. 2 sockets 230 Volt AC