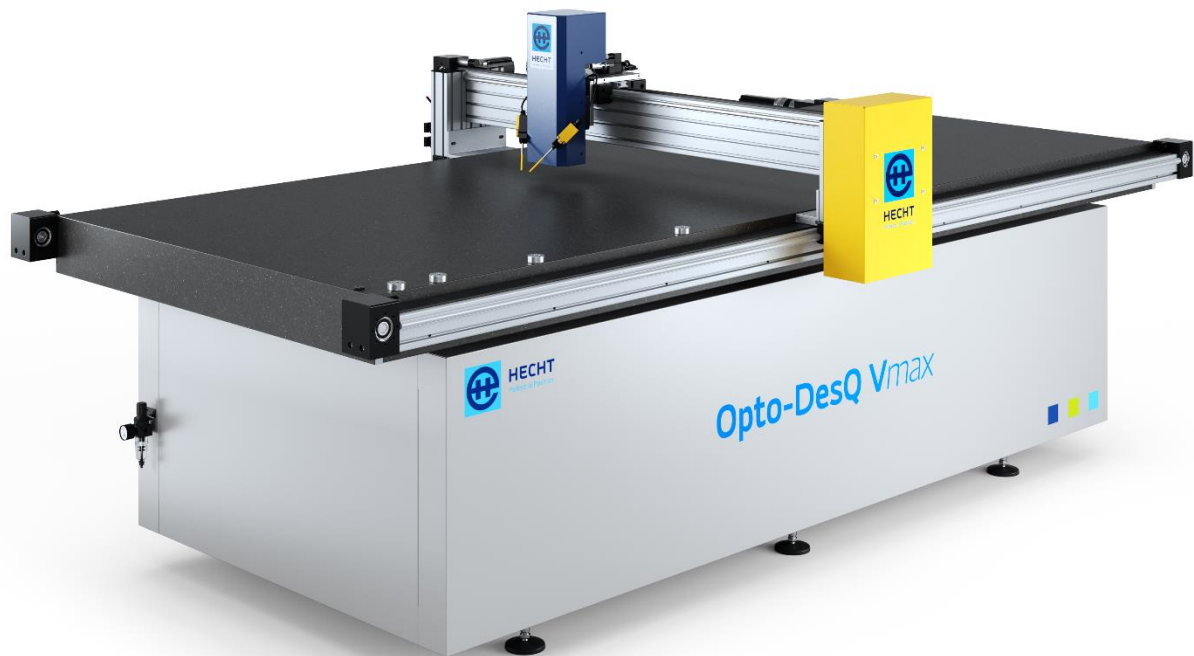


Product information: automatic measuring table



HECHT
Perfect in Position

Opto-DesQ *Vmax*.



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

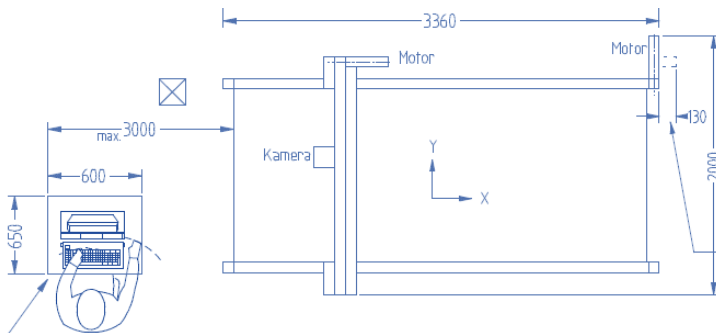
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HECHT Opto-DesQ Vmax.



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:

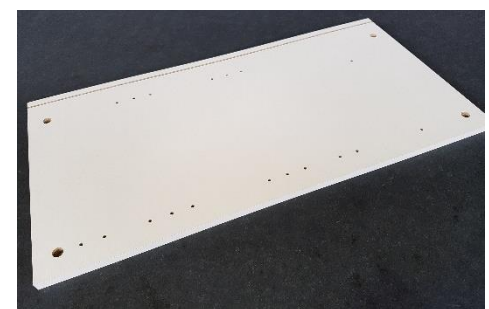
- **Measuring table Opto-DesQ Vmax – IKEA KH&WD**
IKEA Keyhole & WedgeDowel
- **Measuring table Opto-DesQ Vmax. - Vario**
Special size - other dimensions on request
- **Measuring table Opto-DesQ - LT**
Measuring table with a longitudinal conveyor for a Stop&Go operation in a production line
- **Add-on 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.

Item	Serial	Rev.	Material	Drilling	Drilling	Drilling
1	0001	0.01	0.01	0.01	0.01	0.01
2	0002	0.01	0.01	0.01	0.01	0.01
3	0003	0.01	0.01	0.01	0.01	0.01
4	0004	0.01	0.01	0.01	0.01	0.01
5	0005	0.01	0.01	0.01	0.01	0.01
6	0006	0.01	0.01	0.01	0.01	0.01
7	0007	0.01	0.01	0.01	0.01	0.01
8	0008	0.01	0.01	0.01	0.01	0.01
9	0009	0.01	0.01	0.01	0.01	0.01
10	0010	0.01	0.01	0.01	0.01	0.01
11	0011	0.01	0.01	0.01	0.01	0.01
12	0012	0.01	0.01	0.01	0.01	0.01
13	0013	0.01	0.01	0.01	0.01	0.01
14	0014	0.01	0.01	0.01	0.01	0.01
15	0015	0.01	0.01	0.01	0.01	0.01
16	0016	0.01	0.01	0.01	0.01	0.01
17	0017	0.01	0.01	0.01	0.01	0.01
18	0018	0.01	0.01	0.01	0.01	0.01
19	0019	0.01	0.01	0.01	0.01	0.01
20	0020	0.01	0.01	0.01	0.01	0.01
21	0021	0.01	0.01	0.01	0.01	0.01
22	0022	0.01	0.01	0.01	0.01	0.01
23	0023	0.01	0.01	0.01	0.01	0.01
24	0024	0.01	0.01	0.01	0.01	0.01
25	0025	0.01	0.01	0.01	0.01	0.01
26	0026	0.01	0.01	0.01	0.01	0.01
27	0027	0.01	0.01	0.01	0.01	0.01
28	0028	0.01	0.01	0.01	0.01	0.01
29	0029	0.01	0.01	0.01	0.01	0.01
30	0030	0.01	0.01	0.01	0.01	0.01

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