

## OPTIMUM OPTiturn TH 3309D (1125-7375)



**Control type**  
konventionell

**Construction year**  
NEU

**Machine no.**  
1125-7375

**Make**  
OPTIMUM

**Location**  
49779 Niederlangen

Fully equipped leading and tension spindle lathes. TH 3309D with digital position indicator DPA 21/3402040

- Hardened and ground Z-axis guideway
- Spindle mount Camlock DIN ISO 702-2 No. 4
- Precisely crafted slide
- Handwheels with adjustable fine scale 0.04 / 0.02 mm
- Quadruple steel holder
- All guides can be adjusted using V-ledges
- Main spindle running in an oil bath
- Gear wheels run smoothly, hardened and ground
- Upper slide adjustment range  $\pm 90^\circ$
- Guaranteed concentricity of the spindle nose better than 0.015 mm
- Handwheels decoupled and tested according to EN 23125
- Safety handwheels with push-out function in the X and Z axes
- Two-channel right-left switch tested according to EN 23125
- DC 24 volt electrical system with two-channel safety circuit according to EN 23125
- Lathe chuck protection tested according to EN 23125

- Switch with life cycle calculation, tested according to EN ISO 13849
- Lockable main switch
- Clockwise / counterclockwise rotation on the bed slide switchable
- Lead screw cover
- Tailstock for taper turning adjustable  $\pm 10$  mm
- Tailstock quill and handwheel with adjustable fine scale 0.02 mm
- Quick, easy and tool-free adjustment using a clamping lever
- Heavily ribbed prism bed, inductively hardened and precision ground
- Machine base with tool compartment on the right-hand side (left-hand side with 3

Bezels (no compartments)

- Pull-out chip tray with guide rails
- Emergency stop device with foot actuation
- LED machine lamp integrated in the chip guard

Digital position indicator DPA 21

- User-friendly membrane keyboard, splash-proof, closed and glare-free
- glass rulers

scope of delivery

- Fixed steady rest passage  $\varnothing 6$  -  $\varnothing 50$  mm
- Moving steady rest passage  $\varnothing 8$  -  $\varnothing 30$  mm
- LED machine light
- Reduction sleeve MK 5 / MK 3
- Two fixed centering points MK 3
- Quadruple steel holder 16 mm
- Change gears set
- machine base
- Initial machine filling with quality oil
- operating tool

\*\* Including special accessories OPTIMUM three-jaw lathe chuck, centric clamping  $\varnothing 200$  mm Camlock DIN ISO 702-2 No. 4/3442762

## Machine attributes

turning diameter:	330 mm
turning length:	830 mm
swing diameter over bed slide:	196 mm
Swingdiameter in the bed bridge:	170
centre height:	165 mm
centre distance:	830 mm
Turning length in the bed bridge:	430
reus:	16 (70-2000) U/min
tail stock:	MK 3
quill stroke:	110 mm
diameter of quill:	32 mm
spindle taper:	DIN ISO 702-2 Nr. 4
spindle bore:	38 mm
spindle cone:	MK 5
feed:	längs 32 / 0,052 1,392 m/min
feed:	plan 3,2 / 0,014 0,38 m/min
weight of the machine ca.:	0,52 t
dimensions of the machine ca.:	1,7 x 0,75 x 1,6 m

## Machine images