

Guide and traction spindle lathes

OPTIturn TM 3310D

convinces by stable construction and easy handling. With digital position indicator DPA 31 Plus

OPTIMUM
MASCHINEN - GERMANY

Article number ▼

3403025

Brand ▼

Optimum

Availability ▼

No stock available

Information:

Next availability

Expected on calendar week 32/2025

Catalog directory ▼

Metalworking machines » Lathes
conventional » OPTIturn TM 3310 / TM 3310D



Purchase ▼

Minimum 1 pc(s).

Delivery content ▼

- three-jaw lathe chuck Ø 160 mm, No. 4
- LED machine light
- Reducing sleeve MK 5 / MK 3
- Non-rotating centring tip MK 3
- Quadruple steel holder 16 mm
- Change gear set
- Machine base
- Machine first filling with quality oil
- Operating tool

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	1,840 mm	Gross	518 kg	Delivery	Carrier	DualUse	✗
Width	850 mm	Net	440 kg	Content	1 pc(s).	SCIP	n/a
Height	1,590 mm					SVHC	No

Root data ▼

Country of origin		EAN	Custom number	Quantity unit
	China	4030635040702	84581900	pc(s).



Description ▼

- Hardened and ground Z-axis guideway
- Precisely machined carriage
- DC 24 volt electrics
- Motor protection switch
- Main motor electrically braked
- Guaranteed concentricity of the spindle nose better than 0.015 mm
- Smooth-running feed gear with rounded gears running in an oil bath
- Hardened main spindle mounted in adjustable, precise tapered roller bearings
- Right/left rotation switchable on the bed slide
- Two-channel safety electronics
- Handwheels with adjustable fine scaling 0.04 / 0.02 mm
- Safety handwheels with disengagement function according to EN23125 in the X and Z axis
- Switch rod on the bed slide for selecting longitudinal or face feed
- Switch with life cycle calculation tested in accordance with EN ISO 13849
- Machine base in sturdy steel construction
- Quadruple steel holder
- Emergency stop switch right and left

Manufacturer

Optimum Maschinen Germany GmbH
Dr.-Robert-Pfleger-Str. 26, 96103 Hallstadt, Germany
info@optimum-maschinen.de

Media informations ▼



User-friendly membrane keyboard

- Lockable main switch
- control on
- direct spindle run
- emergency stop impact switch



Spindle mount

- The lathe spindle is designed as a Camlock DIN ISO 702-2 No. 4 mount

Lathe chuck

- Three-jaw lathe chuck Ø160 mm Camlock No. 4 in scope of delivery



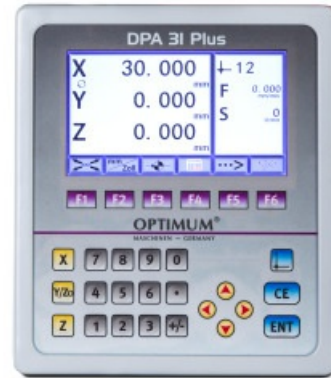
LED machine lamp

- Glare-free integrated in the chip guard



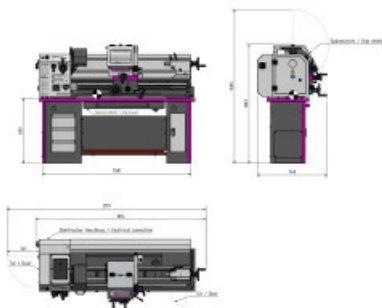
Chip tray

- withdrawable
- With guide rail



Digital position indicator DPA 31 Plus

- User-friendly membrane keyboard
- Significant reduction in production times
- Higher work accuracy
- Error rates are reduced



Technical data ▼

Dimensions and weights			
Length (product) approx.	1760 mm	Width/depth (product) approx.	745 mm
Height (product) approx.	1320 mm	Net weight approx.	471 kg
Max. height (product) ca.	1590 (DPA) mm		
Work areas			
Max. height	165 mm	Max. width	1000 mm
Swing diameter above machine bed	330 mm	Swing diameter above planing slide	216 mm
Bed width	190 mm		
Speed range			

Number of gears	9 Steps	Speed range	65 – 2000 min ⁻¹
Electrical Data			
Drive motor output	1,5 kW	Supply voltage	400 V
Mains frequency	50 Hz		
Spindle			
Spindle chuck	Camlock DIN ISO 702-2 No. 4	Spindle bore	38 mm
Tool holder max. chuck height	16 mm	Spindle cone	MK 5
Tailstock			
Tailstock chuck	MK 3	Tailstock quill stroke	100 mm
Tailstock quill diameter	38 mm		
Pitches			
Metric pitch	0,4 – 10 mm/rev	Number of metric pitches	29
Imperial pitch	56 – 4 Gg/1"		
Travel			
Travel upper slide	90 mm	Travel cross slide	168 mm
Travel carriage saddle	850 mm		
Feed			
Longitudinal feed range	0,02 – 0,4 mm/rev	Number of longitudinal feeds	24
Flat feed range	0,01 – 0,2 mm/rev	Number of flat feeds	32

Equipment ▼

Digital position indicator	DPA 31 Plus	
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Accessories ▼



OPTIMUM Three-jaw lathe chuck centre clamping

Ø 200 mm Camlock DIN ISO 702-2 No. 4

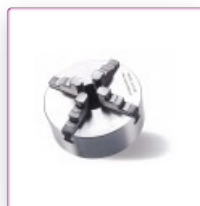
Article number ▼
3442762

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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MASCHINEN - GERMANY



OPTIMUM four-jaw lathe chuck Cast Camlock, single clamping

Ø 200 mm Camlock DIN ISO 702-2 No. 4

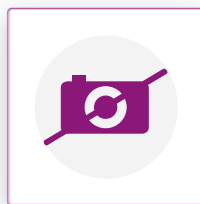
Article number ▼
3442879

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
MASCHINEN - GERMANY



BISON three-jaw lathe chuck Camlock casting centre clamping

Ø 200 mm Camlock DIN ISO 702-2 No. 4

Article number ▼
3450310

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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BISON four-jaw lathe chuck Cast Camlock centric exciting

Ø 200 mm Camlock DIN ISO 702-2 No. 4

Article number ▼
3450360

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Rotating bezel passage 10 - 70 mm for TM 3310

Article number ▼
3441469

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
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Fixed bezel passage 10 - 70 mm for TM 3310

Article number ▼
3441470

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
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Position stop Micro

Article number ▼
3441475

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Quick change tool kit SWH 3 - E

Repeat accuracy 0.01 mm

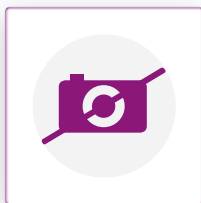
Article number ▼
3384303

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Factory assembly and adaptation SWH

Article number ▼
9000400

Availability ▼
Order-related
purchase

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Turning tool set 16 mm, 11 parts

Article number ▼
3441604

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 4 pc(s).

Price informations ▼

OPTIMUM®
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Turning tool set HM 16 mm, 5-part

With carbide inserts

Article number ▼
3441668

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
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Turning tool set HM 16 mm, 5-part "Made in Germany"

Article number ▼
3441216

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
MASCHINEN - GERMANY



Turning tool set HM 16 mm, 5-part

Article number ▼
3441610

Availability ▼
No stock available
Information:
Next availability
Expected on
calendar week
27/2025

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
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Internal turning set 12 mm

Article number ▼
3441641

Availability ▼
No stock available
Information:
Next availability
Expected on
calendar week
28/2025

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM®
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Internal turning set 5-piece

Article number ▼
3441650

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Center drill set 10tlg. 0.75-4.5 mm HSS

Article number ▼
3203010

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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Clamping block set for lathes 16-05

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Article number ▼
3440653

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Twist drill HSS with Morse taper MT 3

OPTIMUM®
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Article number ▼
3051003

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Collet chuck 5C - No. 4

OPTIMUM®
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Article number ▼
3441554

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Collet set SPC 5C

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3441509

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Revolving centering point MT 3

OPTIMUM®
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Article number ▼
3440703

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Revolving centering point MT 3

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3440733

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Revolving centering point MT 3

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3451003

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Universal coolant device 230 V

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3351999

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Leveling plate SE 1

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3381012

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 20 pc(s).

Price informations ▼



Precision machine foot SEU1

OPTIMUM®
MASCHINEN - GERMANY

Article number ▼
3352985

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Workplace mat 1840 x 640 mm

For the dry and wet area

unicraft®
Werkstatttechnik

Article number ▼
6800000

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Workplace mat 1840 x 940 mm

For the dry and wet area

unicraft®
Werkstatttechnik

Article number ▼
6800005

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Workplace mat 3040 x 940 mm

For the dry and wet area

unicraft®
Werkstatttechnik

Article number ▼
6800006

Availability ▼
No stock available
Information:
Next availability
Expected on
calendar week
27/2025

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Workplace mat

3040 x 640 mm

For the dry and wet area



Article number ▼

6800001

Availability ▼

In stock

Immediate delivery

Purchase ▼

Minimum 1 pc(s).

Price informations ▼

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