

TM 3110 | Art. no.: 3403010

Lead and feed screw lathe
convinces through
easy handling!



Lead and feed screw lathe impresses with its ease of use

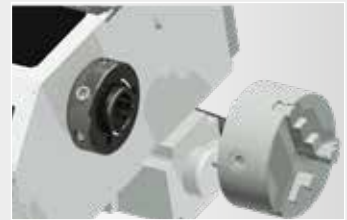
Facts that impress in terms of quality, performance and price

- ▶ Precision workmanship
- ▶ Hardened and ground z-axis guideway
- ▶ Guaranteed concentricity of the spindle nose ≤ 0.015 mm
- ▶ Concentricity on the lathe chuck ≤ 0.04 mm
- ▶ Lead screw for thread cutting or automatic longitudinal turning
- ▶ Leading and feed spindles borne on two sintered bearings
- ▶ All guides adjustable using V-ledges
- ▶ Free moving feed gear with rounded gear wheels running in an oil bath
- ▶ Switch rod on the bed slide for selection of longitudinal or cross feed
- ▶ Hardened main spindle borne on adjustable, precision taper roller bearings
- ▶ Hardened spindle nose
- ▶ Handwheels on slide with adjustable fine scaling 0.04 / 0.01 mm
- ▶ Ribbed grey cast steel prism bed heavily ribbed, induction hardened and precision ground
- ▶ Quadruple tool holder
- ▶ Emergency stop button
- ▶ Three-jaw lathe chuck included as standard
- ▶ Interchangeable gear set included as standard for thread cutting



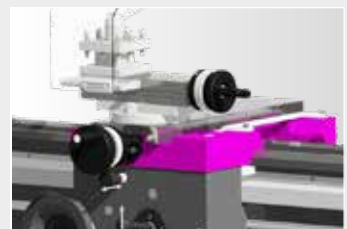
Fig.: TM 3110 with optional machine base MST 1

Arguments,...



SPINDLE SEAT

- › The spindle is designed as Camlock DIN ISO 702-2 no.4 holding fixture.



LONGITUDINAL/CROSS FEEDS

- › Automatic longitudinal/cross feeds
- › Switch rod enables longitudinal or cross feed. The engagement lever activates the feed with the feed screw



TAILSTOCK

- › for taper turning, adjustable by ± 5 mm
- › Tailstock sleeve and handwheel with adjustable fine scaling 0.02 mm
- › Quick, easy and tool-free adjustment by means of clamping lever

Accessories

Machine chassis MST1
Art no. 3440409

Levelling platen SE 1
(6 units needed)
Art no. 3381012

Technical specifications, accessories and dimensions

Model	TM 3110
Article no.	3403010
Output	
Electrical connection	400 V / 3 Ph ~50 Hz
Spindle	
Drive motor	1.1 kW
Spindle taper	MT5
Spindle seat	Camlock DIN ISO 702- 2 No. 4
Spindle hole, bar passage diameter	Ø 38 mm
Turning tool size max.	16 mm
Work areas	
Centre height	155 mm
Centre width	1000 mm
Swing Ø above machine bed ⁽²⁾	323 mm
Swing Ø above cross slide	216 mm
Bed width	190 mm
Speed range	
Spindle speeds	65 - 2000 min ⁻¹
Number of speeds	9 stages
Traverse paths	
Top slide	90 mm
Cross slide	168 mm
Bed slide	850 mm
Feed and pitches	
Longitudinal feed within the range	0.02 - 0.4 mm/rev (24 feeds)
Cross feed within	0.01 - 0.2 mm/rev (32 feeds)
Pitch - metric in range	0.4 - 10 mm/rev (29 pitches)
Pitch - inch in range	56 - 4 turns/inch (34 pitches)
Tailstock	
Tailstock seat	MT3
Sleeve diameter / travel	Ø 38 mm / 100 mm
Dimensions and weight	
Dimensions (L x W x H) approx.	1749 x 740 x 566 mm
Net weight approx.	360 kg

Accessories

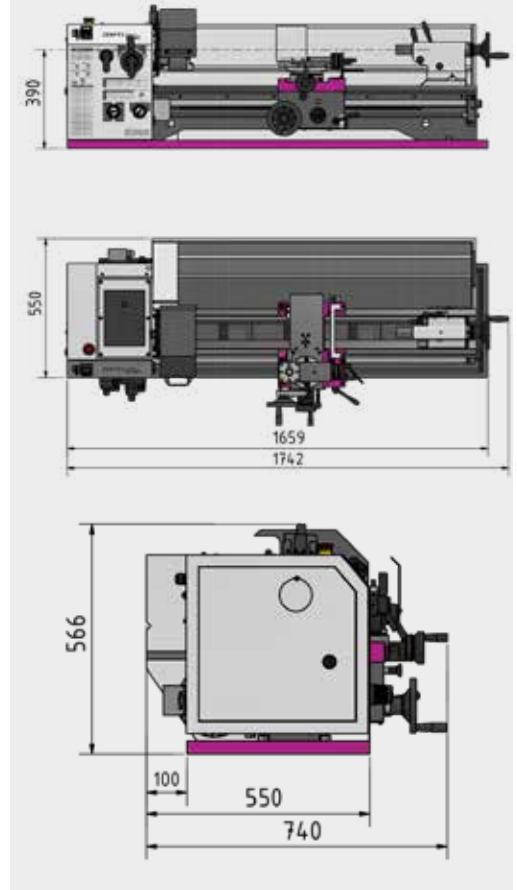
Lathe chuck Ø 160 mm Camlock DIN ISO 702-2 No. 4	Article no.
OPTIMUM four-jaw lathe chuck, centric clamping, speed 2150 min ⁻¹	3442840
BISON four-jaw lathe chuck, centric clamping, speed 3600 min ⁻¹	3450355

Information on lathe chuck from page 240

Accessories	Article no.
Quick change tool holder SWH 3-E	3384303
Factory assembly SWH 3-E	9000400
Lathe tool set 16 mm, 11-part	3441604
Lathe tool set 16 mm, 5-part	3441668
Lathe tool set 16 mm, 5-part "Made in Germany"	3441216
Lathe tool set 16 mm, 5-part	3441610
Follow steady rest, passageway Ø 10 - Ø 70 mm	3441465
Fixed steady rest, passageway Ø 10 - Ø 70 mm	3441466
Position stop with granular adjustment	3441475
Clamping disc Ø 300 mm Camlock DIN ISO 702-2 No. 4	3442976

More accessories and information about accessories from page 237 onwards

Dimensions



Scope of delivery

- › Three-jaw lathe chuck Ø 160 mm Camlock No. 4
- › Adapter MT5-MT3
- › Two non-rotating centring tips MT3
- › Quadruple tool holder 16 mm
- › Change gear set
- › Machine initially filled with premium grade oil
- › Operating tool

Position display

Accessories	Art no.
	
Digital position display DRO 5 incl. 3 magnetic sensors	3383975
Magnetic strip, length 1100 mm	3383978
Factory assembly	9000420

For information on the DRO 5, see page 233

Lead and feed screw lathe with electronically adjustable speed convinces with easy handling

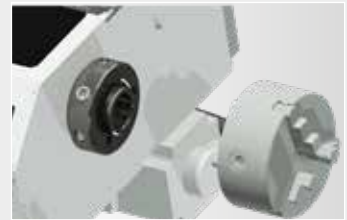
Facts that impress in terms of quality, performance and price

- ▶ Precision workmanship
- ▶ Hardened and ground z-axis guideway
- ▶ Guaranteed concentricity of the spindle nose ≤ 0.015 mm
- ▶ Concentricity on the lathe chuck ≤ 0.04 mm
- ▶ Lead screw for thread cutting or automatic longitudinal turning
- ▶ Leading and feed spindles borne on two sintered bearings
- ▶ All guides adjustable using V-ledges
- ▶ Free moving feed gear with rounded gear wheels running in an oil bath
- ▶ Switch rod on the bed slide for selection of longitudinal or cross feed
- ▶ Hardened main spindle borne on adjustable, precision taper roller bearings
- ▶ Hardened spindle nose
- ▶ Handwheels on slide with adjustable fine scaling 0.04 / 0.01 mm
- ▶ Ribbed grey cast steel prism bed heavily ribbed, induction hardened and precision ground
- ▶ Quadruple tool holder
- ▶ Emergency stop button
- ▶ Three-jaw lathe chuck included as standard
- ▶ Interchangeable gear set included as standard for thread cutting
- ▶ Speed change easily adjustable via potentiometer
- ▶ Digital speed display



Fig.: TM 3110VB with optional machine base MST 1 and SE

Arguments,...



SPINDLE SEAT

- > The spindle is designed as Camlock DIN ISO 702-2 no.4 holding fixture.



LONGITUDINAL/CROSS FEEDS

- > Automatic longitudinal/cross feeds
- > Switch rod enables longitudinal or cross feed. The engagement lever activates the feed with the feed screw



TAILSTOCK

- > for taper turning, adjustable by ± 5 mm
- > Tailstock sleeve and handwheel with adjustable fine scaling 0.02 mm
- > Fast, easy adjustment without tools thanks to clamping lever

Accessories

Accessories
Machine chassis MST1
 Art no. 3440409

Levelling platen SE 1
 (6 units needed)
 Art no. 3381012

Technical specifications, accessories and dimensions

Model	TM 3110VB ¹⁾
Article no.	3403016
Output	
Electrical connection	230 V / 1 Ph ~50 Hz
Spindle	
Drive motor	1.5 kW
Spindle taper	MT5
Spindle seat	Camlock DIN ISO 702- 2 No. 4
Spindle hole, bar passage diameter	Ø 38 mm
Turning tool size max.	16 mm
Work areas	
Centre height	155 mm
Centre width	1000 mm
Swing Ø above machine bed ⁽³⁾	310 mm
Swing Ø above cross slide	196 mm
Bed width	190 mm
Speed range	
Spindle speeds	50 - 2500 min ⁻¹
Number of speeds	3 stages, electronically adjustable
Traverse paths	
Top slide	90 mm
Cross slide	168 mm
Bed slide	850 mm
Feed and pitches	
Longitudinal feed within the range	0.02 - 0.4 mm/rev (24 feeds)
Cross feed within	0.01 - 0.2 mm/rev (32 feeds)
Pitch - metric in range	0.4 - 10 mm/rev (29 pitches)
Pitch - inch in range	56 - 4 turns/inch (34 pitches)
Tailstock	
Tailstock seat	MT3
Sleeve diameter / travel	Ø 38 mm / 100 mm
Dimensions and weight	
Dimensions (L x W x H) approx.	1632 x 770 x 540 mm
Net weight approx.	360 kg

Accessories

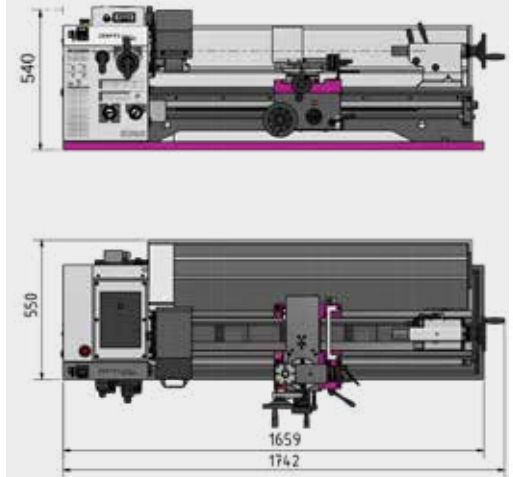
Lathe chuck Ø 160 mm Camlock DIN ISO 702-2 No. 4	Article no.
OPTIMUM four-jaw lathe chuck, centric clamping, speed 2150 min ⁻¹	3442840
BISON four-jaw lathe chuck, centric clamping, speed 3600 min ⁻¹	3450355

Information on lathe chuck from page 240

Accessories	Article no.
Quick change tool holder SWH 3-E	3384303
Factory assembly SWH 3-E	9000400
Lathe tool set 16 mm, 11-part	3441604
Lathe tool set 16 mm, 5-part	3441668
Lathe tool set 16 mm, 5-part "Made in Germany"	3441216
Lathe tool set 16 mm, 5-part	3441610
Follow steady rest, passageway Ø 10 - Ø 70 mm	3441465
Fixed steady rest, passageway Ø 10 - Ø 70 mm	3441466
Position stop with granular adjustment	3441475
Clamping disc Ø 300 mm Camlock DIN ISO 702-2 No. 4	3442976

More accessories and information about accessories from page 237 onwards

Dimensions



Scope of delivery

- › Three-jaw lathe chuck Ø 160 mm Camlock No. 4
- › Adapter MT5-MT3
- › Two non-rotating centring tips MT3
- › Quadruple tool holder 16 mm
- › Change gear set
- › Machine initially filled with premium grade oil
- › Operating tool

Position display

Accessories	Art no.
	
Digital position display DRO 5 incl. 3 magnetic sensors	3383975
Magnetic strip, length 1100 mm	3383978
Factory assembly	9000420

For information on the DRO 5, see page 233

LATHE TWO-PART WITH STEEL BASE

TM 3310D | Art. no.: 3403025

Lead and feed screw lathe
with digital position display
DPA 31Plus



TM 4010D | Art. no.: 3403045

**Lead and feed screw lathe
with digital position display DPA31
Plus**



The lead and feed screw lathes impress with their sturdy construction and ease of use

Facts that impress in terms of quality, performance and price

- ▶ Hardened and ground z-axis guideway
- ▶ Precision slide
- ▶ DC 24 Volt electrical system
- ▶ Motor circuit switch
- ▶ Main motor electrically braked
- ▶ Guaranteed concentricity of the spindle nose ≤ 0.015 mm
- ▶ Free moving feed gear with rounded gear wheels running in an oil bath
- ▶ Hardened main spindle borne on adjustable, precision taper roller bearings
- ▶ Clockwise/anti-clockwise rotation switchable on bed slide
- ▶ Two-channel safety electronics
- ▶ Handwheels with adjustable fine scaling 0.04 / 0.02 mm
- ▶ Safety handwheels with release function tested in accordance with EN23125 in the X and Z axes
- ▶ Switch rod on the bed slide for selection of longitudinal or cross feed
- ▶ Switch with lifecycle calculation, approved in line with EN ISO 13849
- ▶ Machine chassis with rugged steel design
- ▶ Quadruple tool holder
- ▶ Emergency stop switch on the right and left of the base

TM 3310V:

- ▶ Inverter drive with integrated EMC filter
- ▶ Low-noise motor operation thanks to high pulse frequency
- ▶ Fast current limitation (FCL) for trouble-free operation in case of sudden load peaks

DIGITAL POSITION DISPLAY

TM 3310D: DPA 31 PLUS

***TM 3310V: DPA 32 WITH CUTTING
CONSTANT VSC***



Fig.: TM 3310D



Arguments,...



LED MACHINE LAMP

- › Dazzle-free, integrated into chip guard



USER-FRIENDLY MEMBRANE KEY-BOARD

- › Lockable main switch
- › Control on
- › Direct run spindle
- › EMERGENCY-STOP push button



SPINDLE SEAT

- › The spindle is designed as Camlock DIN ISO 702-2 no.4 holding fixture.

LATHE CHUCK

- › Three-jaw lathe chuck $\varnothing 160$ mm
Camlock No. 4 included



CHIP TRAY

- › Pull-out chip drawer with guide rails

Technical specifications, accessories and dimensions

Model	TM 3310	TM 3310D	TM 3310V
Article no.	3403020	3403025	3403027
Output			
Electrical connection	400 V / 3 Ph ~50 Hz		
Spindle			
Drive motor	1.5 kW		
Spindle taper	MT5		
Spindle seat	Camlock DIN ISO 702- 2 No. 4		
Spindle hole, bar passage diameter	Ø 38 mm		
Turning tool size max.	16 mm		
Work areas			
Centre height	165 mm		
Centre width	1000 mm		
Swing Ø above machine bed ⁽²⁾	330 mm		
Swing Ø above cross slide	216 mm		
Speed range			
Spindle speeds	65 - 2000 min ⁻¹	14 - 2800 min ⁻¹	
Number of speeds	9 stages	6 gear stages	
Traverse paths			
Top slide	90 mm		
Cross slide	168 mm		
Bed slide	850 mm		
Feed and pitches			
Longitudinal feed within the range	0.02 - 0.4 mm/rev (24 feeds)		
Cross feed within	0.01 - 0.2 mm/rev (32 feeds)		
Pitch - metric in range	0.4 - 10 mm/rev (29 pitches)		
Pitch - inch in range	56 - 4 turns/inch (27 pitches)		
Tailstock			
Tailstock seat	MT3		
Sleeve diameter / travel	Ø 38 mm / 100 mm		
Dimensions and weight			
Dimensions (L x W x H) approx.	1760 x 745 x 1320 (DPA 1590) mm		
Net weight approx.	469 kg	471 kg	470 kg

Accessories

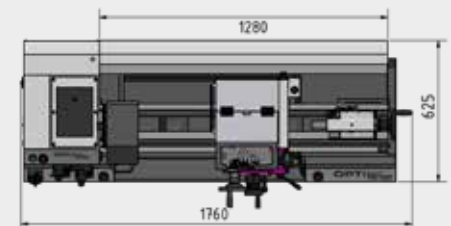
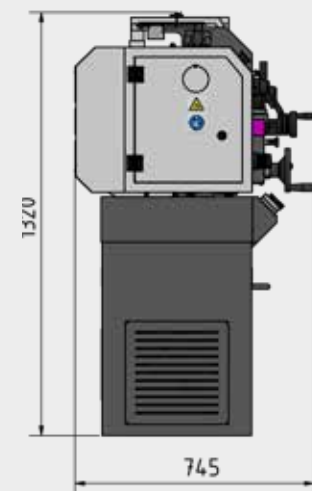
Lathe chuck Ø 200 mm Camlock DIN ISO 702-2 No. 4	Article no.
OPTIMUM Three-jaw lathe chuck, centric clamping	3442762
OPTIMUM Four-jaw lathe chuck individual clamping	3442879
BISON Three-jaw lathe chuck, centric clamping	3450310
BISON Four-jaw lathe chuck, centric clamping	3450360

Information on lathe chuck from page 240

Accessories	Article no.
Quick change tool holder SWH 3-E	3384303
Factory assembly SWH 3-E	9000400
Lathe tool set 16 mm, 11-part	3441604
Lathe tool set 16 mm, 5-part	3441668
Lathe tool set 16 mm, 5-part "Made in Germany"	3441216
Lathe tool set 16 mm, 5-part	3441610
Follow steady rest, passageway Ø 10 - Ø 70 mm	3441469
Fixed steady rest, passageway Ø 10 - Ø 70 mm	3441470
Position stop with granular adjustment	3441475
Precision machine shoe SEU1 (6 pcs. required)	3352985
Clamping disc Ø 300 mm Camlock DIN ISO 702-2 No. 4	3442976

More accessories and information about accessories from page 237 onwards

Dimensions



Our recommendation

cleancraft
flexCAT 378 EOT-PRO
Article no. 7003380



Scope of delivery

- › Three-jaw lathe chuck Ø 160 mm Camlock No. 4
- › LED machine lamp
- › Adapter MT 5-MT 3
- › Non-rotating centring tip MT 3
- › Quadruple tool holder 16 mm
- › Change gear set
- › Machine base
- › Machine initially filled with premium grade oil
- › Operating tool

(2) General information on operating our machines on page 333



The lead and feed screw lathes impress with their sturdy construction and ease of use

Facts that impress in terms of quality, performance and price

- ▶ Hardened and ground z-axis guideway
- ▶ Guaranteed concentricity of the spindle nose ≤ 0.015 mm
- ▶ Spindle seat Camlock DIN ISO 702- 2 No. 5
- ▶ Motor circuit switch
- ▶ Main motor electrically braked
- ▶ Clockwise/anti-clockwise rotation switchable on bed slide
- ▶ Two-channel safety electronics
- ▶ Lead and feed screw cover made of stainless steel
- ▶ Switch with lifecycle calculation, approved in line with EN ISO 13849
- ▶ Perfectly concentric main spindle guarantees high load capacity thanks to use of precision taper roller bearings
- ▶ One change gear position
- ▶ With safety device to prevent simultaneous operation of thread cutting and pitch mechanism
- ▶ Safety hand wheels with release function in the X and Z axis
- ▶ All pitch gears made of steel, hardened and ground, shafts on needle bearings, all components lubricated in an oil bath
- ▶ Simple feed operation
- ▶ Switch cabinet more optimum control
- ▶ Coolant pump with coolant tank and fill level display Tank removable for easy cleaning
- ▶ LED machine lamp in machine housing
- ▶ Machine chassis with rugged steel design
- ▶ Emergency stop button right and left
- ▶ Lockable main switch
- ▶ Three-jaw lathe chuck included in scope of delivery
- ▶ SWH included in scope of delivery



Arguments,...



TM 3610V Siemens inverter SINAMICS G120D

- › Safety Integrated
- › Recovery, low circuit feedback
- › Energy savings up to 20 %
- › No brake resistors required
- › You can find more detailed information in the main catalogue or at www.optimum-machines.com



CONTROL CABINET

- › Optimum in-house development
- › Signal transmission via network cable with diagnostic function
- › 2-channel safety device



MEMBRANE KEYBOARD

- › User-friendly membrane keypad with the functions: Machine on, coolant pump, light and direct running



CHANGE GEAR WHEELS

- › No change gear train; it is only equipped with a pair of gears with 35 teeth and 70 teeth, which can be changed each other.



DIGITAL POSITION DISPLAY

TM 3610D DPA 31 PLUS

TM 3610V: DPA 32 WITH CUTTING CONSTANT VSC



Technical specifications, accessories and dimensions

Model	TM3610	TM3610D	TM 3610V*
Article no.	3403030	3403035	3403038
Output			
Electrical connection ~50Hz	400 V / 3 Ph ~50 Hz		
Total rated value	2.2 KW	3 KW	
Spindle			
Spindle taper	MT6		
Spindle seat	Camlock DIN ISO 702- 2 No. 5		
Spindle hole, bar passage diameter	Ø 52 mm		
Quick change tool holder	16 mm		
Work areas			
Centre height	180 mm		
Centre width	1000 mm		
Swing Ø above machine bed ⁽²⁾	360 mm		
Swing Ø above cross slide ⁽³⁾	225 mm		
Speed range			
Spindle speeds	70 - 2400 min ⁻¹	40 - 3000 min ⁻¹	
Number of speeds	8 stages	4 electrically adjustable levels	
Traverse paths			
Top slide	100 mm		
Cross slide	170 mm		
Feed and pitches			
Longitudinal feed within the range	0.03 - 2 mm/rev (28 feeds)		
Cross feed within	0.008 - 0.541 mm/rev (28 feeds)		
Pitch - metric in range	0.4 - 7 mm/rev (32 pitches)		
Pitch - inch in range	56 - 4 turns/inch (31 pitches)		
Tailstock			
Tailstock seat	MT3		
Sleeve diameter / travel	Ø 42 mm / 120 mm		
Dimensions and weight			
Dimensions (L x W x H) approx.	1964 x 869 x 1475 mm		
Net weight approx.	608 kg		

Accessories

Lathe chuck Ø 200 mm Camlock DIN ISO 702-2 No. 5	Article no.
OPTIMUM Four-jaw lathe chuck, centric clamping Speed 3000 min ⁻¹	3442845
OPTIMUM Four-jaw lathe chuck, individual clamping Speed 2100 min ⁻¹	3442880
BISON Three-jaw lathe chuck, centric clamping Speed 3000 min ⁻¹	3450315
BISON Four-jaw lathe chuck, centric clamping Speed 3000 min ⁻¹	3450365

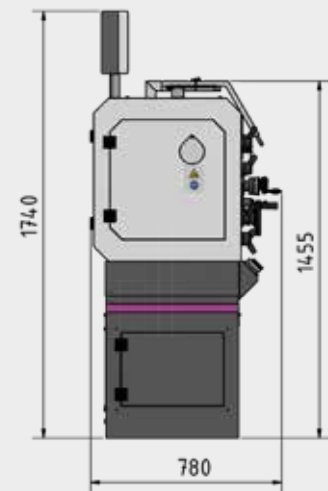
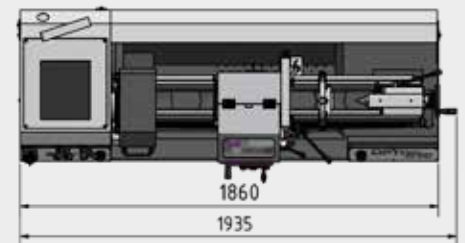
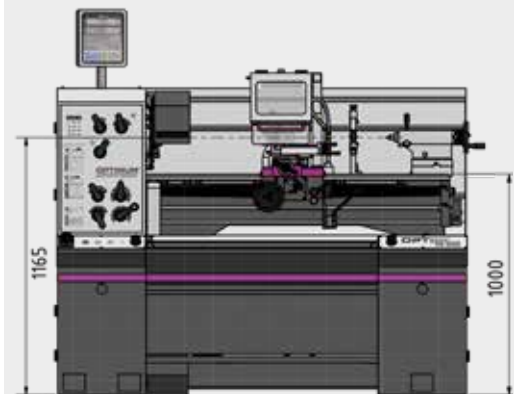
Accessories	Article no.
Spare tool holder 20 x 100 type D for square chisels	3384304
Spare tool holder 30 x 100 type H for round chisels	3384322
Lathe tool set 16 mm, 11-part	3441604
Lathe tool set 16 mm, 5-part	3441668
Lathe tool set 16 mm, 5-part "Made in Germany"	3441216
Lathe tool set 16 mm, 5-part	3441610
Position stop with granular adjustment	3441475
Precision machine shoe SEU1 (6 pcs. required)	3352985
Clamping disc Ø 330 mm Camlock DIN ISO 702-2 No. 5	3442978

More accessories and information about accessories from page 237 onwards

(2) General information on operating our machines on page 333

(3) Please note that operators are required to make conversions in the event of installing third-party chucks or flanged chucks to reach the stated, technically possible rotating diameter.

Dimensions



Our recommendation

cleancraft
flexCAT 378 EOT-PRO
Article no. 7003380



Scope of delivery

- > Three-jaw lathe chuck Ø 200 mm Camlock No. 5
- > Fixed steady rest Ø 7 - Ø 102 mm
- > Follow steady rest Ø 10 - Ø 60 mm
- > LED machine lamp
- > Adapter MT 6-MT 4
- > Non-rotating centring tip MT4
- > Quick change tool holder SWH 3-E
- > Tool holder 20 x 100 type D for square chisels 18 mm
- > Initial filling of the machine with high-quality oil
- > Operating tool

The lead and feed screw lathes impress with their sturdy construction and ease of use TM 4010D with DPA 31Plus digital position display



Facts that impress in terms of quality, performance and price

- ▶ Hardened and ground z-axis guideway
- ▶ Guaranteed concentricity of the spindle nose ≤ 0.015 mm
- ▶ Spindle seat Camlock DIN ISO 702- 2 No. 5
- ▶ Motor circuit switch
- ▶ Main motor electrically braked
- ▶ Clockwise/anti-clockwise rotation switchable on bed slide
- ▶ Two-channel safety electronics
- ▶ Switch with lifecycle calculation, approved in line with EN ISO 13849
- ▶ Perfectly concentric main spindle guarantees high load capacity thanks to use of precision taper roller bearings
- ▶ With safety device to prevent simultaneous operation of thread cutting and pitch mechanism
- ▶ Safety hand wheels with release function in the X and Z axis
- ▶ All pitch gears made of steel, hardened and ground, shafts on needle bearings, all components lubricated in an oil bath
- ▶ Simple feed operation
- ▶ One change gear position
- ▶ Switch cabinet more optimum control
- ▶ Coolant pump with coolant tank and fill level display Tank removable for easy cleaning
- ▶ LED machine lamp in machine housing
- ▶ Machine chassis with rugged steel design
- ▶ Emergency stop button right and left
- ▶ Lockable main switch
- ▶ Three-jaw lathe chuck included in scope of delivery
- ▶ SWH included in scope of delivery

DIGITAL POSITION DISPLAY
TM 4010D: DPA 31 PLUS
TM 4010V: DPA 32 WITH CUTTING CONSTANT VSC



Scan QR code

Information & Video



Fig.: TM 4010D

Arguments,...



TM 4010V Siemens inverter SINAMICS G120D

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- › 2-channel safety device



MEMBRANE KEYBOARD

- › User-friendly membrane keypad with the functions: Machine on, coolant pump, light and direct running



CHANGE GEAR WHEELS

- › No change gear train; it is only equipped with a pair of gears with 35 teeth and 70 teeth, which can be changed each other.

Technical specifications, accessories and dimensions

Model	TM 4010	TM 4010D	TM 4010V*
Article no.	3403041	3403046	3403050
Output			
Electrical connection	400 V / 3 Ph ~50 Hz		
Total rated value	3 kW		4.5 kW
Coolant pump motor	100 Watts		
Spindle			
Drive motor	2.2 kW		4 kW
Spindle taper	MT6		
Spindle seat	Camlock DIN ISO 702- 2 No. 5		
Spindle hole, bar passage diameter	Ø 52 mm		
Quick change tool holder	SWH 3-E		
Work areas			
Centre height	200 mm		
Centre width	1000 mm		
Swing Ø above machine bed ⁽²⁾	400 mm		
Swing Ø above cross slide ⁽³⁾	250 mm		
Bed width	203 mm		
Speed range			
Spindle speeds	70 - 2000 min ⁻¹		40 - 3000 min ⁻¹ 4 electrically adjustable levels
Number of speeds	8 stages		
Traverse paths			
Top slide	98 mm		
Cross slide	185 mm		
Bed slide	850 mm		
Feed and pitches			
Longitudinal feed within the range	0.03 - 2 mm/rev (28 feeds)		
Cross feed within	0.008 - 0.541 mm/rev (28 feeds)		
Pitch - metric in range	0.4 - 7 mm/rev (32 pitches)		
Pitch - inch in range	56 - 4 turns/inch (31 pitches)		
Tailstock			
Tailstock seat	MT4		
Sleeve diameter / travel	Ø 50 mm / 110 mm		
Dimensions and weight			
Dimensions (L x W x H) approx.	1935 x 780 x 1740 mm		
Net weight approx.	755 kg		

Accessories

Lathe chuck Ø 200 mm Camlock DIN ISO 702-2 No. 5	Article no.
OPTIMUM four-jaw lathe chuck, centric clamping, speed 3000 min ⁻¹	3442845
OPTIMUM four-jaw lathe chuck individual clamping, speed 2100 min ⁻¹	3442880
BISON three-jaw lathe chuck, centric clamping, speed 3000 min ⁻¹	3450315
BISON four-jaw lathe chuck, centric clamping, speed 3000 min ⁻¹	3450365

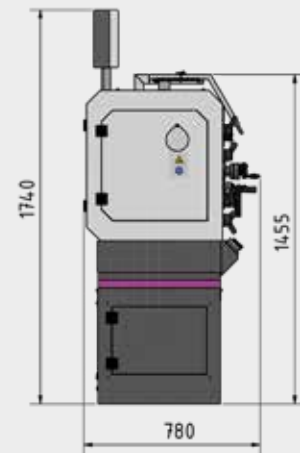
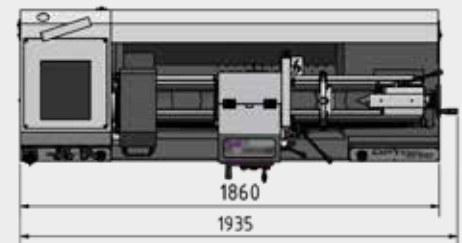
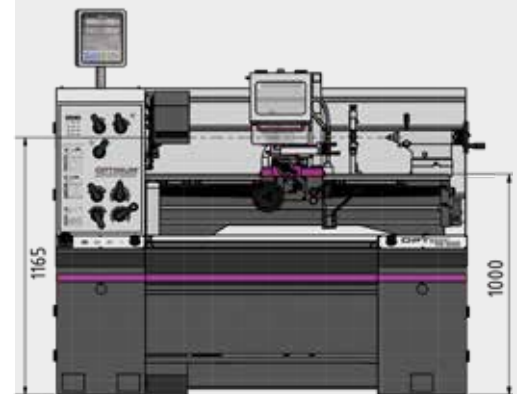
Accessories	Article no.
Spare tool holder 20 x 100 type D for square chisels	3384304
Spare tool holder 30 x 100 type H for round chisels	3384322
Lathe tool set 16 mm, 11-part	3441604
Lathe tool set 16 mm, 5-part	3441668
Lathe tool set 16 mm, 5-part "Made in Germany"	3441216
Lathe tool set 16 mm, 5-part	3441610
Position stop with granular adjustment	3441475
Precision machine shoe SEU1 (6 pcs. required)	3352985
Clamping disc Ø 330 mm Camlock DIN ISO 702-2 No. 5	3442978

More accessories and information about accessories from page 237 onwards

(2) General information on operating our machines on page 333

(3) Please note that operators are required to make conversions in the event of installing third-party chucks or flanged chucks to reach the stated, technically possible rotating diameter.

Dimensions



Our recommendation

cleancraft®
flexCAT 378 EOT-PRO
Article no. 7003380



Scope of delivery

- > Three-jaw lathe chuck Ø 200 mm Camlock No. 5
- > Fixed steady rest Ø 7 - Ø 102 mm
- > Follow steady rest Ø 10 - Ø 60 mm
- > LED machine lamp
- > Adapter MT 6-MT 4
- > Non-rotating centring tip MT4
- > Quick change tool holder SWH 3-E
- > Tool holder 20 x 100 type D for square chisels 18 mm
- > Initial filling of the machine with high-quality oil
- > Operating tool