

Precision guide and drawbar turning machine

OPTIturn TX 4414

Meets highest requirements in technical equipment and precision. With digital NEWALL position indicator DP 700

OPTIMUM
MASCHINEN - GERMANY

Article Number ▼

3432420

VK Price Informations ▼

15,699.00 €

Additional Costs ▼

Total 220.00 €

TPZ2000 220.00 €

Availability ▼

In stock

Availability on request

Brand ▼

Optimum

Catalog Path ▼

Metalworking machines » Lathes conventional » OPTIturn TX 4414 / TX 5216 / TX 6222

Order ▼

Minimum 1 pc(s).

Shipment Informations ▼

Packaging Metrics		Weights		Delivery	
Length	2,400 mm	Gross	2,100 kg	Delivery	Carrier
Width	1,150 mm	Net	2,030 kg	Content	1 pc(s).
Height	2,000 mm				

Description ▼



- Machine bed made of highly ribbed cast iron
- One-piece machine base made of steel
- High rigidity of the headstock housing due to highly ribbed 25GG cast iron
- Precision machined slides
- Shafts on needle bearings, All components are lubricated in an oil bath
- Bed guides hardened and precision-ground
- All electronic controls centrally accessible
- All gears of the feed gear are made of steel, hardened and ground
- Hand wheels decoupled and tested according to EN 23125
- Double channel right-left switch tested according to EN 23125
- Switch with life cycle calculation, tested according to EN ISO 13849
- Coolant unit with separate coolant tank with level indicator and oil separator; easy and complete emptying and cleaning according to DIN
- complete control system and feed spindle cover
- Complete illumination of the working area
- Service-friendly removable rear wall
- Hardened and ground face spindle guarantees enormous accuracy and durability
- Thanks to the high cutting performance, high chip removal during roughing machining is no problem
- Energy chain for gentle cable management and hose guide
- Lockable chip guard moves with the bed slide with integrated position indicator and coolant hose, manually movable
- No change gears necessary
- With safety device against simultaneous operation of threading and feed mechanism
- Electronically braked motor
- Electronically feed cut-off of Z-axis
- Electric position switch-off with quadruple position stop
- Three-jaw lathe chuck in standard scope of supply
- Quick change steel holder SWH 5-B
- Digital position display DP700

Delivery Contents ▼

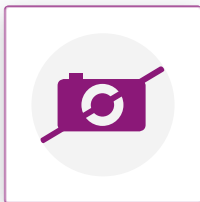
- Three-jaw lathe chuck Ø 200 mm No. 5
- Fixed centring tip MK 3
- Fixed centring tip MK 5
- Operating tool
- Machine initial filling with quality oil
- Quick change steel holder SWH 5-B
- Reducing sleeve MK 6 / MK 5

Technical Data ▼

Dimensions and weights			
Length (product) approx.	2300 mm	Width/depth (product) approx.	1100 mm
Height (product) approx.	1750 mm	Net weight approx.	1630 kg
Work areas			
Max. height	220 mm	Max. width	1280 mm
Swing diameter above machine bed	440 mm	Swing diameter above planing slide	250 mm
Bed width	300 mm		
Speed range			
Number of gears	12 stages	Speed range	40 – 2200 min ⁻¹
Electrical Data			
Drive motor output	5.5 kW	Supply voltage	400 V
Mains frequency	50 Hz		
Cooling lubricant system			
Cooling lubricant system coolant pump output	100 W		
Spindle			

Spindle chuck	Camlock DIN ISO 702-2 No. 6	Spindle bore/rod passage diameter	52 mm
Spindle cone	MT 6	Tool holder	SWH 5-B
Tailstock			
Tailstock chuck	MT 4	Tailstock quill stroke	180 mm
Tailstock quill diameter	58 mm		
Pitches			
Metric pitch	0.5 7.5 mm/rev	Imperial pitch	60 4 Gg/Zoll
Diametrical pitch	0.25 – 3.75 mm x π	Modular thread pitch	120 8 Gg/π
Travel			
Travel X axis	153 mm	Travel Z axis	290 mm
Feed			
Longitudinal feed range	0.05 0.752 mm/rev	Flat feed range	0.025 0.376 mm/rev
Electrical connections			
Total rated value	6.1 kW		

Accessories ▼



Running steady rest for TX 4412

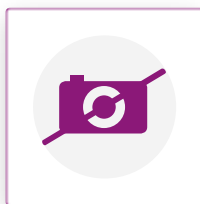
OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3438015

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
189.00 €



Fixed steady rest for TX 4412

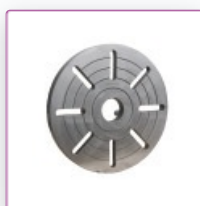
OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3438017

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
289.00 €



Face plate Ø 450 mm Camlock DIN ISO 702-2 No. 8

OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3442982

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
269.00 €



Revolving centering point MT 5

OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3440705

Availability ▼
No stock available
Delivery time on request
Next availability
Expected on calendar week
34/2021

Order ▼
Minimum 1 pc(s).

Price Informations ▼
72.00 €



Revolving centering point BISON MK 5

OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3451005

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
290.00 €



Leveling plate SE 3

OPTIMUM®
MASCHINEN - GERMANY

Article Number ▼
3381018

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
47.00 €



Wet / dry vacuum cleaner flexCAT 378 EOT-PRO

cleancraft®
Reinigungstechnik

For the industry with special sieve insert for the extraction of cooling lubricants, liquids containing a lot of oil and coarse metal shavings in large quantities

Article Number ▼
7003380

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼
999.00 €

The prices quoted are subject to change. Price changes reserved. Our terms and conditions apply. Jurisdiction is Bamberg. The place of performance is Hallstadt as agreed.