

# CNC Slant Bed Lathes

## Roturn 402 C

**SKU : 180628**

This machine of the ROTURN C series impresses with the classic virtues of a compact CNC production lathe. With its Siemens 828 D Basic control, it meets all the requirements for current control technology. The inclined bed machine with 8-station tool turret and powerful 15 kW (20 hp) main spindle motor has a hydraulic 3-jaw chuck with through-hole. The tailstock is equipped with a hydraulically operated quill and a large stroke. A flat top conveyor and a high-performance coolant system round out the standard equipment.

- Powerful main spindle motor
- 8 station tool turret
- Includes chip conveyor
- Siemens 828 control
- Chuck with through-hole



### TECHNICAL SPECS

#### WORKING AREA

Workpiece length (max.)	420 mm
Center height	200 mm
Turning diameter over bed	400 mm
Turning diameter over support	250 mm

#### TRAVELS

Travel X-axis	200 mm
Travel Z-axis	425 mm

#### HEADSTOCK

Lathe chuck diameter	250 mm
Speed range	50 1/min - 2000 1/min
Spindle mount	A2-8
Spindle bore	86 mm
Spindle bore with draw tube	75 mm

#### RAPID FEED

Rapid feed X-axis	16000 mm/min
Rapid feed Z-axis	20000 mm/min

#### TOOLING

Number of tool stations	8 positions
Boring bar mount Ø	40 mm

#### TAILSTOCK

Tailstock taper	5 MT
Tailstock quill diameter	88 mm
Tailstock quill stroke	85 mm

#### DRIVE CAPACITY

Main motor rating	15 / 11 kW
Motor rating coolant pump	0.18 kW

#### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	3.8 m x 1.87 m x 1.91 m
Weight	3400 kg



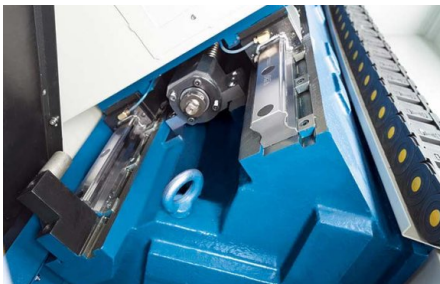
Siemens Sinumerik 828 D - a compact and user-friendly solution for lathes



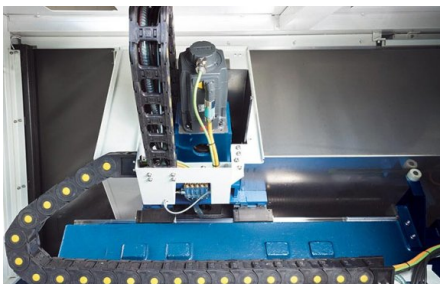
Pressure gauge for pressure monitoring



Central lubrication device and maintenance unit



Central lubrication device and maintenance unit



Siemens drive (here X-axis)

## PRODUCT DETAILS

### Highlights

- Future-proof: the Siemens 828 D Basic control meets all requirements for advanced control technology
- A hydraulic 3-B chuck with passage is included in the scope of delivery as standard
- Hinged belt conveyor and high-performance coolant system included in standard equipment

### Machine Design

- Heavy machine frame with inclined bed ensuring high rigidity and easy chip removal
- Precise linear guides in X and Z for high stability and accuracy even at highest loads
- The enclosed work space is easily accessible through a large sliding door
- Tailstock with hydraulically operated quill with a maximum stroke of 85 mm
- Automatic central lubrication system ensures reliable lubrication of guideways

### Spindle

- Max. Spindle speed 3.000 1/min (Roturn 400C) or 2.000 1/min (Roturn 402C)
- Motor power 11/15 kW

### Tool Changer

- The 8-station tool turret ensures a large work area and quick and precise tool changes

## STANDARD EQUIPMENT

Siemens 828 D control  
 Hydr. 250 mm 3-jaw lathe chuck with through-hole  
 Hydr. tailstock  
 Automatic central lubrication  
 Chain-type chip conveyor  
 Heat Exchanger for electric control cabinet  
 Closed work space  
 LED work lamp  
 Coolant system  
 Air gun  
 Coolant system flush gun  
 Operating tools  
 Operator manual