

### 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 D control
- Chuck with through-hole



## TECHNICAL SPECS

### WORKING AREA

Workpiece length (max.)	17 in
Center height	8 in
Turning diameter over bed	16 in
Turning diameter over support	10 in

### TRAVELS

Travel X-axis	7.9 in
Travel Z-axis	17 in

### HEADSTOCK

Lathe chuck diameter	10 in
Speed range	50 rpm - 2000 rpm
Spindle mount	A2-8
Spindle bore	3.4 in
Spindle bore with draw tube	2.9 in

### RAPID FEED

Rapid feed X-axis	787.4 in/min
Rapid feed Z-axis	984.25 in/min

### TOOL HEAD

Number of tool stations	8 positions
Boring bar mount Ø	1.6 in

### TAILSTOCK

Tailstock taper	5 MT
Tailstock quill diameter	3 in
Tailstock quill stroke	3 in

### DRIVE CAPACITY

Main motor rating	20 / 15 Hp
Motor rating coolant pump	0.2 Hp

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	150 in x 74 in x 76 in
Weight	7480 lbs



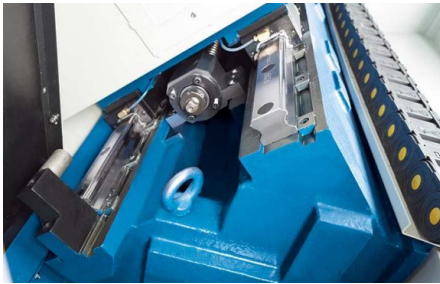
*Siemens Sinumerik 828 D - a compact and user-friendly solution for lathes*



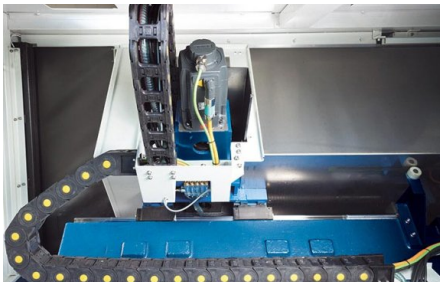
*Pressure gauge for pressure monitoring*



*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 3 in
- Automatic central lubrication system ensures reliable lubrication of guideways

### Spindle

- Max. spindle speed 3,000 rpm (Roturn 400C) or 2,000 rpm (Roturn 402C)
- Motor rating 15 / 20 HP

### Tool Changer

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

## STANDARD EQUIPMENT

Siemens 828 D control  
 Hydraulic 3-jaw lathe chuck, Ø 8 inch with bore  
 Hydr. tailstock  
 Automatic central lubrication  
 Chain-type chip conveyor  
 Heat exchanger for electric control cabinet  
 Enclosed work space  
 LED work lamp  
 Coolant system  
 Compressed air gun  
 Coolant gun  
 Operating tools  
 Operator manual