

# CNC Flat Bed Lathes

## Numturn 500/1500 FA

**SKU : 423496**

### CUSTOM MODEL

The CNC box-way lathes of the Numturn 500 Series are suitable for a wide spectrum of applications. They are ideal for single parts production and also for cost-effective small batch production of larger workpieces. The standard package includes an automatic 8-station tool turret and a hydraulic power chuck providing even more flexibility and productivity. The Fagor control is a superior tool for workshop programming and an easy to use CNC solution with an excellent price/performance ratio.

- Fagor 8055i control
- 8-station servo-driven tool turret
- Hydraulic power chuck
- Tailstock with hydraulic quill



## TECHNICAL SPECS

### WORKING AREA

Workpiece length (max.)	1450 mm
Turning-Ø over bed (max.)	500 mm
Turning-Ø over support	300 mm
Turning length (max.)	1230 mm

### TRAVELS

Travel X-axis	260 mm
Travel Z-axis	1420 mm

### HEADSTOCK

Speed range	60 1/min - 2000 1/min
Spindle mount	A2-8
Lathe chuck diameter	250 mm
Spindle capacity with draw tube	70 mm

### RAPID FEED

Rapid feed X-axis	4000 mm/min
Rapid feed Z-axis	8000 mm/min

### TOOLING

Number of tool stations	8 positions
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### ACCURACIES

Positioning accuracy X-axis	± 0,006 mm
Positioning accuracy Z-axis	± 0,008 mm
Repeatability X-axis	± 0,005 mm
Repeatability Z-axis	± 0,008 mm

### TAILSTOCK

Tailstock taper	5 MT
Tailstock quill diameter	75 mm
Tailstock quill stroke	150 mm

### DRIVE CAPACITY

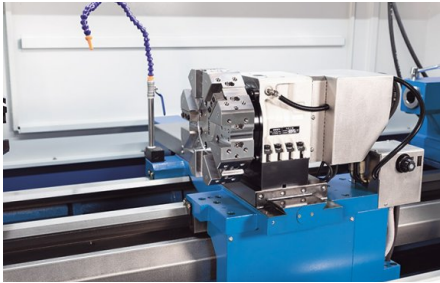
Motor rating main drive	15 kW
Main drive, continuous load	11 kW
Torque of drive X	10 Nm
Torque of drive Z	15 Nm
Motor rating coolant pump	0.125 kW

### MEASURES AND WEIGHTS

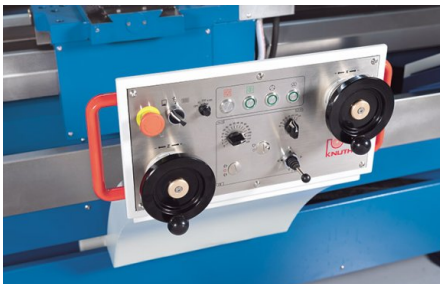
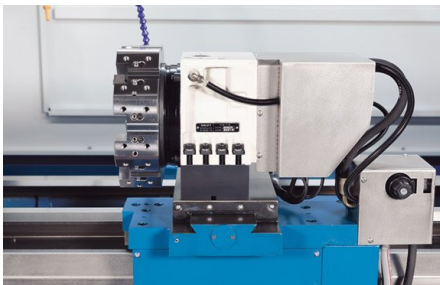
Overall dimensions (length x width x height)	3.21 m x 1.23 m x 1.6 m
Weight	3300 kg



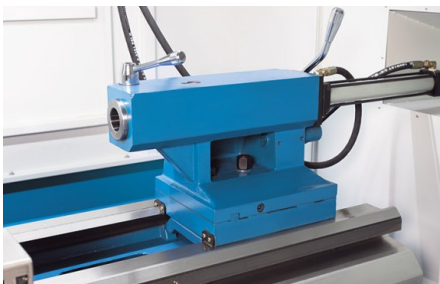
*The Fagor 8055 CNC provides an intuitive workshop programming solution via simple graphic-based dialog buttons*



*Automatic 8-station tool turret with hydraulic clamping*



*Two electronic hand-wheels provide the familiar ergonomics of a conventional machine and allow fast setups and manual machining*



*Rigid and easy to position tailstock with hydraulically moved quill*

## PRODUCT DETAILS

- Heavy ribbing of the machine frame and wide hardened V-guides for heavy-duty machining
- Headstock and main spindle are designed for constant precision and optimum temperature balance
- High-quality spindle bearings ensure error-free continuous operation
- The heavy-duty tailstock is easy to handle and features high clamping force
- The automatic 8-station servo-driven turret with hydr. clamping is part of the standard package and ensures maximum flexibility and productivity
- Hydraulic chuck with adjustable holding force included in standard equipment
- Completely lockable machine enclosure with easy access via sliding door
- The operating elements and ergonomics correspond to the current Numturn generation and guarantee a quick familiarisation
- Smart central lubrication system for low-maintenance operation

## STANDARD EQUIPMENT

Fagor 8055i control  
 2 electronic hand-wheels  
 8-station servo tool post  
 Hydr. tailstock  
 Hydr. 3-jaw chuck Ø 250 mm  
 Automatic central lubrication  
 Work lamp  
 Operating tools  
 Operating manual and programming instructions

## OPTIONAL EQUIPMENT

- steady rest 25-125 mm, SKU : 252142
- steady rest 125-220 mm, SKU : 252143
- Steady rest 220-310 mm, SKU : 252144