

# Flat Bed Speed CNC Lathe

## Model: BF63B



### Features

BF63B Series Speed CNC lathes have high grade cast iron bed, and hardened and precision ground ways. It is rigid with wide span of bed ways and long lasting accuracy. Controlled by FANUC or SIEMENS/ GSK. Capable of internal and external turning, taper turning, circular turning, facing, metric and inch threading and etc. Complete with 4-station power turret (standard) to satisfy different machining needs; with sliding doors to ensure safety production; with a centralized operator's panel for ease of programming and operation. Suitable for small and medium sized batch production of multiple work, especially of complex and high precision work.

**Machine specifications**

Items	BF63B
<b>Capacity</b>	
Max swing over bed	Ø630 mm
Max swing over cross slide	Ø360 mm
Max machining diameter	Ø630 mm
Distance between centers	1000/1500/3000 mm
Max machining length	760/1260/2760 mm
Bed width	560 mm
<b>Spindle</b>	
Spindle nose	A <sub>1</sub> -11
Spindle bore	Φ105mm
Range of spindle speed	20-210/37-373/112-1120 r/min
Step of spindle speed	3 steps
Spindle motor power	11kW (Frequency inverter)
<b>Travel and rapid traverse</b>	
X axis travel	370 mm
Z axis travel	760/1310/2810 mm
X axis rapid traverse speed	6 m/min
Z axis rapid traverse speed	7 m/min
<b>Turret</b>	
Number of tool station	4
Tool cross section	32x32 mm
<b>Tailstock</b>	
Tailstock sleeve diameter	Φ100 mm
Tailstock sleeve travel	250 mm
Tailstock sleeve taper (manual)	MT-5
<b>Others</b>	
Overall dimensions (LxWxH)	1000mm:3500 ×1580×1850 mm 1500mm:4000 ×1580×1850 mm 2000mm: 5500 ×1580×1850 mm
Net weight	4800/5100/6100 kg

**Equipments**

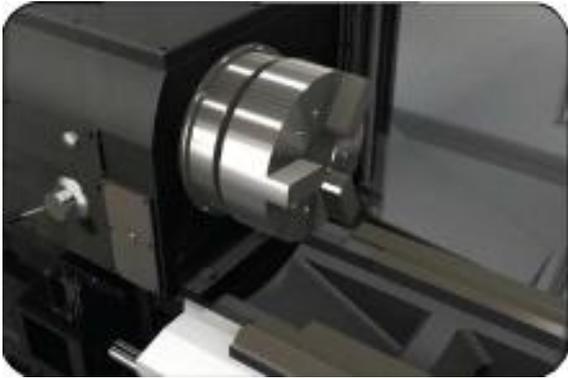
Item 01	Descriptions	
01.01	FANUC Oi TF	
01.02	FANUC motor of X/Z axis	
01.03	Inverter spindle motor	
01.04	3-Jaw manual chuck Ø 315mm	
01.05	Manual tailstock	
01.06	4-station electric tool post	
01.07	Coolant system.	
01.08	Lubrication system	
01.09	Working light	
01.10	Installation damping pads	

**Optionals**

Item 02	Descriptions	
02.01	SIEMENS or GSK CNC system	
02.02	3-Jaw 12 inch Hollow hydraulic chuck	
02.03	Steady rest	

**Description**

High rigid spindle box



Tailstock



Electric cabinet



Lubrication system



4-position tool post

