

Microcut CNC flat bed lathes BNC-2200/2600

Best
Quality



BNC-2200 flat bed lathe

MICROCUT's CNC Lathe BNC-2200 / 2600 series is specially designed for the best cutting performance, high removable rate, and great capability for turning medium size workpieces. All bearing surfaces are coated with low friction material, allowing all axes movement under minimum friction. The rigid box guideway design offers high rigidity, accuracy, durability, fast rapid feed and cutting feed as well as large loading capacity.

The lathe features a 2-step automatic transmission gear box with wide range torque output and complete automatic turning program.

Distinctive features:

- High spindle speed and torque
- Various spindle bore available
- Automatic spindle speed changer
- Mechanical hydraulic chuck interface
- Extra wide bed and box way design
- Gap bed for big disc turning
- Machine standard equipped with QCT, prepared for turret to be mounted in rear side of cross slide
- Extra wide cross slide
- Turcite B coated on all bearing ways
- Lubrication monitoring system
- Easy retrofit chip conveyor
- User-friendly operation station
- Complete CNC control package
- Heavy loading tailstock
- Thread repair function

Standard equipment:

- CNC control Fagor 8055 FL
- Quick change tool post
- Automatic speed changer
- Chuck sliding guard with interlock device
- Gap bed
- Tailstock (interlock device for 3M & 4M)
- Fully enclosed front guarding with interlock system for center length 40"/60"/80"
- Traveling front single door with interlock safety device for center length 120"/160"
- Coolant system
- Lubrication system
- CE marking declaration conformity for EU
- Leveling pads
- Tool set & kits

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Optional equipment:

- 15/22 kW spindle motor
- Cam lock D1-8 spindle bore for 82/106 mm spindle
- 3-jaw chuck (man., hydr. or pneumatic)
- 4-jaw manual chuck
- Turret (hydr. or electr.)
- Power turret
- Electric 4-way tool post
- Boring bar base/holder
- C- / Y-axis
- Rear chuck mounting preparation
- Rear chuck guard
- Roller steady rest 20-200 mm
- Roller steady rest 150-300 mm
- Hydraulic steady rest preparation
- Follow rest 20-200 mm
- Enlarged 100 mm tailstock quill
- Hydr. tailstock quill
- Tailstock end cover with limit switch
- Fully enclosed guarding for 120"/160" length
- Chip conveyor + wash down system
- EMC
- Portable MPG
- Transformer
- Tool holders
- Available controls:
Fagor 8055A TC, 8055A FL & Power or Fanuc 0iTD or Siemens 8089 basic



Large tailstock
ideal for heavy
workpieces.
Interference-free.



BNC-2260X
with open
door.

		BNC-2200	BNC-2600
Swing in gap	mm	790	870
Swing over bed	mm	550	650
Swing over cross slide	mm	310	410
Max. cutting length with turret	mm	1000 / 1500 / 2000 / 3000 / 4000	
Travel X-axis	mm	345	
Travel Z-axis	mm	1150 / 1650 / 2150 / 3150 / 4150	
Rapid feed X-axis	m/min.	15 (up to 2 M) / 12 (3M & 4M)	15
Rapid feed Z-axis	m/min.	15 (up to 2 M) / 12 (3M & 4M)	15 (up to 2 M) / 12 (3M & 4M)
Rapid feed Y-axis (opt.)	m/min.	-	7,5
Spindle bore	mm	82 (std.) / 106 (opt.)	82 (std.) / 106/153 (opt.)
Spindle speed	rpm	80-3500 (82mm) 80-2400 (106mm)	80-1480 (153mm)
Spindle motor	kW	11/15 (up to 2M) / 15/22 (3M & 4M)	15 (up to 2M) / 12 (3M & 4M)
X-axis guideway type		Dovetail	
Z-axis guideway type		Box way	
Y-axis guideway type		Box way	
Quill stroke	mm	150	
Quill diameter	mm	65	80
Weight	kg	4300 (BNC-2260+2660) / 5800 (BNC-22120+26120)	