

# Microcut heavy duty CNC lathe BNC-2800A

Best  
Quality



**MICROCUT's heavy duty CNC lathe BNC-2800A series** is specially designed for heavy duty cutting with longer Z travel for full size cutting capacity. Powerful geared headstock with automatic speed changer provides high torque output. Moreover, the wide range of Z travel length is selectable to customize various machining demands.

The one-piece casting bed is Meehanite licensed casting, and this rigid structure assures vibration-free and prevents deformation. The double box way is designed for rapid traverse in extremely wide bed to carry the heavy workpiece. The ballscrew is pre-loaded to ensure position and repeatability accuracy. Gap bed design enables the turning of big diameter parts.

## Distinctive features:

- User-friendly swivel control panel & eye-level monitor position
- Single door interlocked with carriage for extra protection
- Enlarged window for better visibility
- Longer tailstock design is ideal for carrying the heavy workpiece
- Hydraulic tailstock quill enables the operator to easily load/unload the long workpiece
- The longer quill ensures the full length machining
- Thread repair function
- Long gap bed for disc turning
- Machine offers full Z-cutting capacity
- NN bearings for 6" bore spindle support
- Turcite B with all bearing surfaces

## Standard equipment:

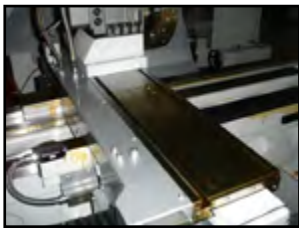
- Fagor 8055i FL CNC control
- Gear head
- Automatic speed changer
- Chuck sliding guard with interlock device
- Gap bed
- Tailstock
- Travelling front single door
- Coolant system
- Lubrication system
- Portable MPG
- Heat exchanger
- CE marking declaration conformity for EU
- Leveling pads
- Tool set & kits

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## Optional equipment:

- Quick change tool post
- Turret (hydraulic or electric) & power turret
- Boring/bar base holder
- C-axis
- 5 bar coolant system
- 20 bar coolant through tool
- Rear chuck mounting preparation
- Rear chuck guard
- Manual & hydr. 3-jaw chuck
- Independent manual 4-jaw chuck
- Automatic bar feeder
- Roller steady rest 50-300 mm & 250-380 mm
- Hydraulic steady rest preparation
- Follow rest 20-200 mm
- Hydr. tailstock quill & rotating tailstock quill
- Tailstock end cover with limit switch
- Full enclosure guarding
- Chip conveyor + wash down system
- Oil skimmer
- EMC
- Transformer
- Tool holders
- Available controls:  
Fagor 8055i FL, Fanuc 0iTD with Manual Guide or Siemens 828D basic



Extra wide cross slide



Quick change tool post fitted



Easy retrofit chip conveyor



Turcite B with all bearing ways

		BNC-2800A
Swing in gap	mm	970
Swing over bed	mm	710
Swing over cross slide	mm	370
Max. cutting length with turret	mm	1000 / 2000 / 3000 / 4000 / 5000 / 6000
Travel X-axis	mm	425
Travel Z-axis	mm	1200 / 2200 / 3050 / 4050 / 5050 / 6050
Rapid feed X-axis	m/min.	10
Rapid feed Z-axis	m/min.	12
Spindle bore	mm	153
Spindle speed	rpm	125-1480
Spindle motor	kW	15/22 (std.) 22/30 (opt.)
Quill stroke	mm	230
Quill diameter	mm	125
Weight	kg	6000 / 7000 / 8200 / 9400 / 10600 / 11800