

Microcut CNC flat bed lathe MicroPanther 446

Best
Quality



**15 m/min.
rapid feed**

MICROCUT's CNC flat bed lathe type MicroPanther 446 provides high precision, easy operation, unique features and less maintenance requirement for modern industry, and not least maximum cutting capacity at extremely competitive price.

Easy operation and simulation features, suitable for education or medium production.

MicroPanther 446 offers high spindle speed, high power output and torque and fast rapid feed rate, 15 m/min., which is 2 times faster than the average lathe on the same level. Machining productivity is enhanced with shorter process time.

Distinctive features:

- Fagor package servo motor and spindle
- A much higher spindle speed & output torque
- Full enclosure with safety control procedure meets CE safety regulation
- Machine is prepared for rear mounted turret
- Single spindle speed transmission
- Hydraulic chuck fitting interface
- E4 or quick change tool post mounted in front or rear side
- User-friendly operation station
- Thread repair, various pitch threading, manual mode, teaching and many other functions

Standard equipment:

- CNC control Fagor or Siemens
- A2-5 Ø52 mm spindle bore
- Single speed
- Swivel control panel
- Fagor / Siemens package servo motor including spindle and axis servo motors
- Quick change tool post
- Fully enclosed splash guard with interlock safety device
- Automatic lubrication system
- Coolant system
- Tailstock
- Tool set & box, level pads
- Heat exchanger
- CE marking declaration conformity for EU

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Optional equipment:

- Manual 3-jaw chuck
- Hydraulic 3-jaw chuck with hard & soft jaw
- 4-jaw independent chuck
- Steady rest
- Follow rest
- Turret (hydr. or electric)
- Joy stick
- Work light
- EMC
- Transformer
- Tool holder package
- Portable MPG
- Tailstock end cover with limit switch
- Available controls:
Fanuc 0iTF, Fagor 8055i FL or Siemens
828D basic



X and Z axes featuring box way design assure the best possible machine rigidity and stability



High rigid tailstock provides excellent support when machining. Hydraulic tailstock is available for option.

		MP-446
Swing over bed	mm	446
Swing in gap	mm	546
Swing over cross slide	mm	240
Distance between centers	mm	850
Max. cutting length with turret	mm	650 (QCT) 600 (LS turret)
Travel X-axis	mm	250
Travel Z-axis	mm	760
Rapid feed X-axis	m/min.	15
Rapid feed Z-axis	m/min.	15
Spindle bore	mm	Ø52
Spindle speed	rpm	3000
Spindle motor	kW	5,5 / 7,5
Quill stroke	mm	165
Quill diameter	mm	65
Quill inside taper	MT	4
Weight	kg	2100