

Microcut CNC slant bed lathe 117HT

Best
Quality



MICROCUT 117HT is the large slant bed lathe with 18" hydraulic chuck and 117mm bar capacity, 1.3~3.8M cutting length and 700mm turning diameter. The model is suitable for wide applications in various industries such as automobile, energy, aerospace and general machining shops. Providing with greater speed, powerful cutting, accuracy machining and durability over competitors, 117HT can make the highest possible return on investment.

117HT is equipped with a fast turret which provides quick rotation time for the bidirectional 12-station hydraulic turret along with a programmable tailstock as the standard accessory. Living tool, C-axis, bar feeder, chip conveyor, and parts catcher, all are available for complex parts and automatic production.

Distinctive features:

- One-piece rigid design with 45 degr. slant bed
- Large bar capacity of 117 mm
- All-box-way structure
- Short distance between guarding and center line
- 2137 kg of Z-axis thrust
- 18" hydraulic 3-jaw chuck
- 12 position hydraulic turret
- High tool indexing accuracy and fast tool change
- Programmable tailstock
- Enhanced chip flush device
- Anti-oil-leakage lubrication monitoring system
- Support Y axis (opt.) and C axis (opt.) machining

Standard equipment:

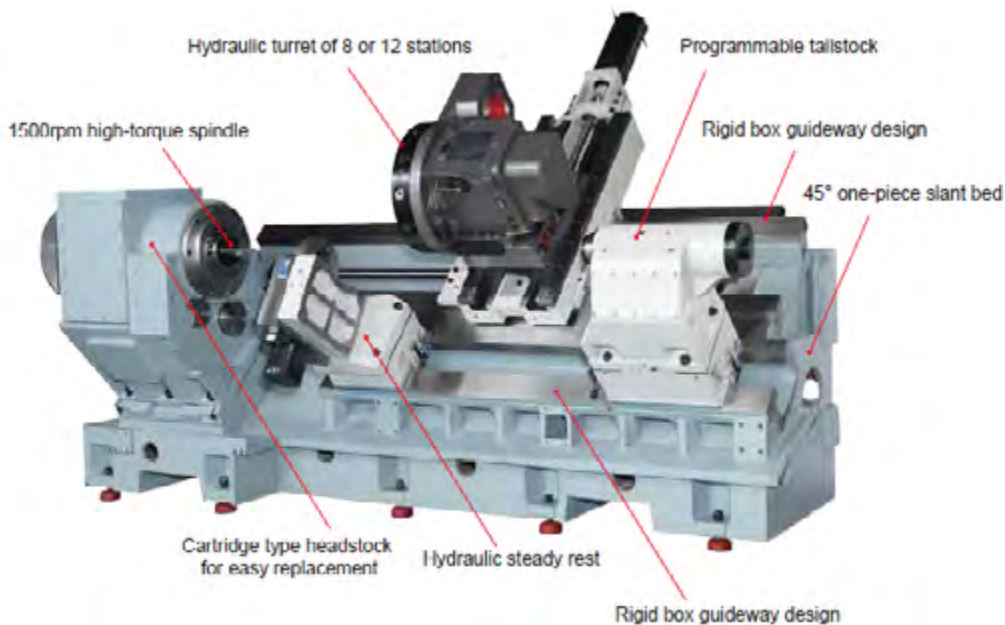
- Fanuc 0iTD control with 10,4" LCD monitor with manual guide i
- 12 position hydraulic turret, regular type
- Tool holder package
- 18" hydraulic 3-jaw chuck with hard jaws
- High-pressure cooling system
- Automatic lubrication system
- Work lamp
- Hydraulic unit
- Programmable tailstock
- Fully enclosed splash guard w. interlock safety device
- CE marking declaration conformity for EU
- Chip conveyor without bucket
- Heat exchanger for electric cabinet

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Optional equipment:

- C- and Y-axis
- Renishaw tool setter (aut./ man.)
- Power turret
- Live tool holders
- Spindle reduction tube
- Current leakage detector
- Enlarged chuck
- Soft jaw
- Chip bucket
- Power transformer
- Air conditioner f. electric cabinet
- Safety module
- EMC
- 5 or 20 bar high pressure coolant pump
- Hydraulic steady rest
- Bar feeder and interface
- Automatic parts catcher
- Oil skimmer
- Automatic door



Fanuc 0iTD control



Guideway - box-way structure

		117HT
Swing over bed	mm	900
Max. cutting dia. with turret	mm	700
Max. cutting length	mm	1300/2050/2800/3800
Travel X-axis	mm	385
Travel Y-axis	mm	100 (±50)
Travel Z-axis	mm	1500/2250/3000/4000
Spindle speed	rpm	1500
Bar capacity	mm	117
Chuck size	mm	450
Spindle main power	kW	30/37 (40/50 HP)
Rapid feed (X/Y/Z)	m/min.	20/20/20
X / Z axis servo motor	kW	4/7 (5,4/9,4 HP)
Tailstock travel	mm	1300/2050/2800/3800
Quill travel	mm	150
Machine weight	kg	7600/8600



Hydraulic 3-jaw 18" chuck as standard or 20" chuck as option