

# Microcut CNC slant bed lathes HT-Series

Best  
Quality



**MICROCUT HT/HTL series and HTY/HTLY series slant bed lathes** offer large swing capacity with maximum cutting diameter 450mm and cutting length 1,250mm. The one-piece 45° slant casting bed ensures the rigidity of machine structure for heavy loading. Numerous optional accessories are selectable to meet the demands of various industries, including automotive, medical, educational, and general machining shops.

## Distinctive features:

- Wide selections of spindle bar
- Heavy workpiece loading
- Optimized headstock design for easy heat dissipation
- One-piece rigid design with 45° slant bed
- Hydraulic oil pressure detection device and anti-oil leakage monitoring system
- 8 or 12 position hydraulic turret with fast indexing
- Tailstock rapid positioning driven by saddle
- Programmable tailstock and quill movement
- Large and concise machining room ensures easy chip cleaning
- Full CNC package including controls and motors
- Automatic door with anti-tripping detecting system provides safety working environment

## Standard equipment:

- The availability of CNC controls: Fagor 8055i/FL, Fanuc Oi with manual guide Oi, Siemens 828D basic
- 8-position hydraulic turret, regular type
- Hydraulic 3-jaw chuck w/hard jaws
- High pressure coolant system
- Auto lubrication system
- Work lamp
- Hydraulic unit
- Programmable tailstock
- Fully enclosed splash guard w/interlock safety device
- Auto lock/unlock door
- Tool set & box, level pads
- CE marking declaration of conformity for EU
- Heat exchanger integrated with electric cabinet

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## Optional equipment:

- Soft jaw for 8"/10"/12" chuck
- Tool holder package for standard (regular) turret
- Bigger hydraulic chuck
- Collet unit
- Various sizes of collets
- C axis
- Power turret
- Live tool holders
- Auto parts catcher w/parts catcher box
- Renishaw tool setter
- Bar feeder and interface
- EMC
- Oil skimmer
- 20 bar coolant through spindle



92HTY

		52HT/HTL	52HTY/HTLY	76HT/HTL	76HTY/HTLY	92HT/HTL	92HTY/HTLY
Swing over bed	mm	600	700	600	700	600	700
Max. cutting dia. with turret	mm	580	400/385	580	400/385	580	400/385
Max. cutting length	mm	750/1250					
Travel X-axis	mm	305	275 (axial)	305	275 (axial)	305	275 (axial)
Travel Y-axis	mm	-	±55	-	±55	-	±55
Travel Z-axis	mm	750/1250					
Spindle speed	rpm	4500	4500	3000	3000	2500	2500
Bar capacity	mm	51	51	76	76	92	90
Chuck size	mm	200	200	250	250	305	305
Spindle main power	kW	Fagor 12/18 Fanuc 11/15 Siemens 17/22	Fagor 12/18,5 Fanuc 11/15 Siemens 17/25,5	Fagor 17/25 Fanuc 15/18,5 Siemens 30/45	Fagor 17/25 Fanuc 15/18,5 Siemens 30/45	Fagor 22/33 Fanuc 18,5/22 Siemens 28/42	Fagor 22/33 Fanuc 18,5/22 Siemens 28/42
Rapid feed (X&Z)	m/min.	24/24					
Rapid feed (Y)	m/min.	-	7,5	-	7,5	-	7,5
Tailstock travel	mm	600					
Quill travel	mm	120					
Machine weight	kg	5400	7600/8600	5500/6500	7600/8600	5700/7200	7600/8600