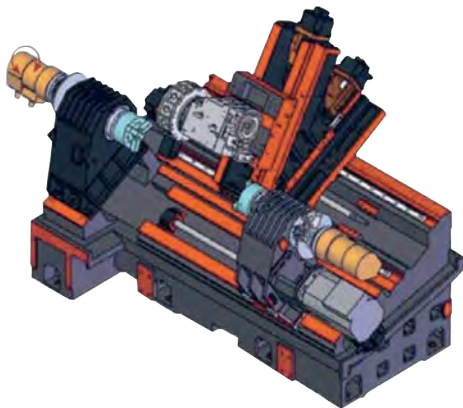


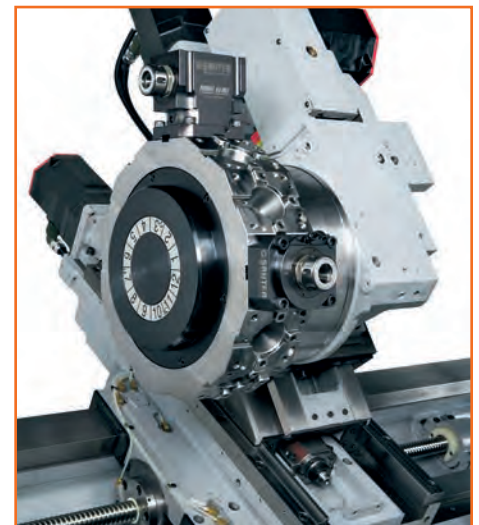


CNC lathe with optional sub-spindle, Y axis, or live tooling A-Turn SYM



Multi-axis machining options:

The Y-axis (SY, Y and SYM models), combined with C-axis spindle orientation and driven tools, allows complex turning and milling operations.



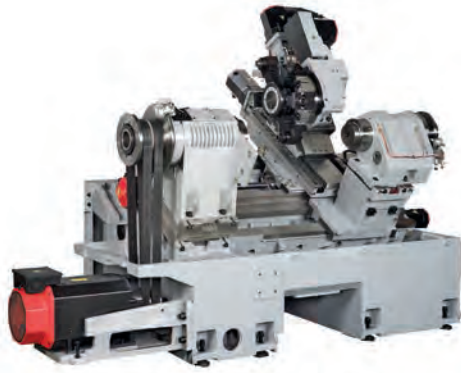
Standard configuration:

- 3-jaw hydraulic chuck
- Hydraulic turret and tool holders
- FANUC 0i-T controller
- 8.4" color LCD monitor
- Registered part program numbers: 400 sets
- Part program memory size: 640 m
- RS-232 interface
- Heat exchanger for electric cabinet
- Coolant system
- Full-enclosed X/Z axis way cover
- Automatic lubrication
- Three-color warning light
- Standard soft jaw and hard jaw
- Tool kit
- Operation manual

Optional configuration:

- Servo turret
- Collet chuck
- Tool setter
- Parts catcher
- Bar feeder
- Bar feeder interface
- Programmable tailstock
- Auto door
- Oil mist collector
- Oil-coolant skimmer
- Air cooler for electric cabinet
- High pressure coolant system
- Live tool holder
- Chip conveyor
- Chip cart

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.



Available with:

- (“S”) Sub-Spindle, 6000 rpm, 7.5 kW (10 Hp)
- (“Y”) Y-axis ± 50 mm (± 2 ”)
- (“M”) Live-Tooling 7.5 kW (10 Hp)
- C-axis
- Fanuc control

Specifications	A-Turn 200			A-Turn 300		
	S	SY	Y	S	SY	Y
	22.5” swing; Sub-spindle	26.75” swing; Sub-spindle + Y	24” swing; Y-axis	24” swing; Sub-spindle	36” swing; Sub-spindle + Y	36” swing; Y-axis
Controller	FANUC 0i-T			FANUC 0i-T		
CAPACITY						
Swing over bed	mm	570 (27”)	680 (27”)	612 (24”)	910 (36”)	
Swing over carriage	mm	378 (15”)	485 (19”)	388 (15”)	720 (28”)	
Max. cutting diameter [Main spindle]	mm	260 (10.0”)	240 (9”)	500 (20”)	420 (16.5”)	
Max. cutting diameter [Sub-spindle]	mm	200 (8”)		400 (16”)	375 (15”)	–
Max. cutting length	mm	442 (17”)	440 (17”)	620 (24”)	560 (22”)	
SPINDLE						
Spindle nose taper	ASA	A2-6 [A2-5/A2-8]		A2-8 [A2-11]		
Chuck diameter	inch	8 [6/10]		10 [12/15]		
Speed	rpm	4500 [6000/4000/ 3500]	4500 [6000/4000/ 3500]	3500 [2700/2500/2000]		
Spindle motor power	kW	15 (20Hp)		18.5 (25 Hp)	18.5 [opt. 22] (25 Hp [opt. 30 Hp])	
Bar capacity	mm	52 [44, 65, 75] (2.04” [opt. 1.73, 2.56, 2.96”])	52 [44, 65, 75] (2.04” [opt. 1.73, 2.56, 2.96”])	75 [opt. 90, 105, 116] (2.95” [opt. 3.54, 4.13, 4.56”])		
SUB SPINDLE						
Spindle nose taper	ASA	A 2-5		A 2-5		
Chuck diameter	inch	6 (8)		6 (8)		
Speed	rpm	6000 [5000]		6000 [5000]		
Spindle motor power	kW	7.5 (10 Hp)		7.5 (10 Hp)		
Bar capacity	mm	44 (1.73”)		44 (1.73”)		
TRAVELS						
Z axis	mm	600 (24”)		750 (30”)		
X axis	mm	220** (9”)	220 (9”)	250 + 50 (10 + 2”)	275 (11”)	
Y axis	mm	–	± 50 (± 1.96 ”)	–	± 50 (± 1.97 ”)	
B axis	mm	585 (23”)		–	700 (28”)	–
FEED RATES						
Rapid traverse – Z axis	m/min	20 (66’/min)		24 (79’/min)		
Rapid traverse – X axis	m/min	20 (66’/min)		20 (66’/min)		
Rapid traverse – Y axis	m/min	–	10 (33’/min)	–	10 (33’/min)	
Rapid traverse – B axis	m/min	20 (66’/min)		–	20 (66’/min)	–
TURRET						
Number of tools	#	12		12		
Rotary tool motor power	kW	[option: 2.2 (3 Hp)]		[option: 3/3.7 (4/5 Hp)]		
DIMENSIONS						
Dimensions (L/W/H)	m	3.2x1.6x1.8 (126x63x70”)	3.2x1.8x2.2 (126x70x87”)	3.5x1.8x1.9 (138x70x75”)	3.5x2.1x2.4 (138x83x95”)	
Weight	kg	4000 (8,820 lbs)	4500 (9,920 lbs)	5900 (13,010 lbs)	6500 (14,330 lbs)	6500 (14,300 lbs)
Item No.		1610320	1610321	1610322	1610323	1610324

* Live-tool turret

** 220 mm with live-tool option

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