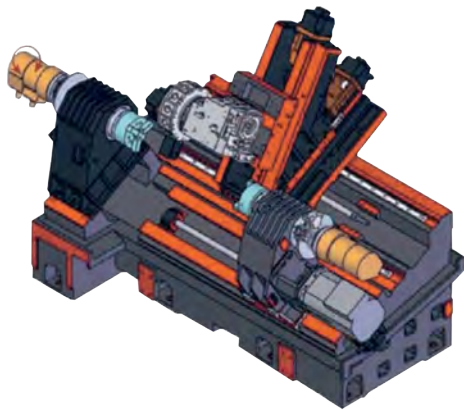


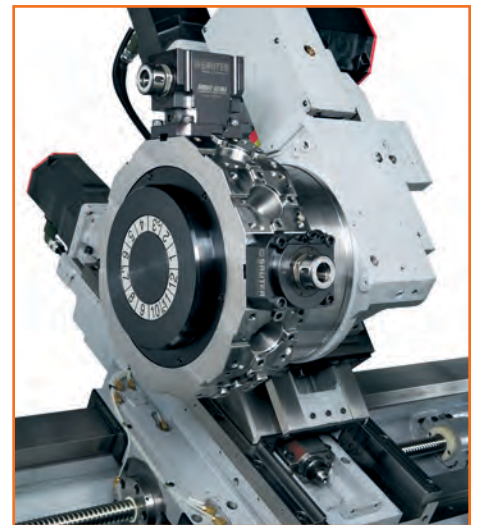


CNC lathe with optional sub-spindle, Y axis, or live tooling A-Turn SYM



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 Oi-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

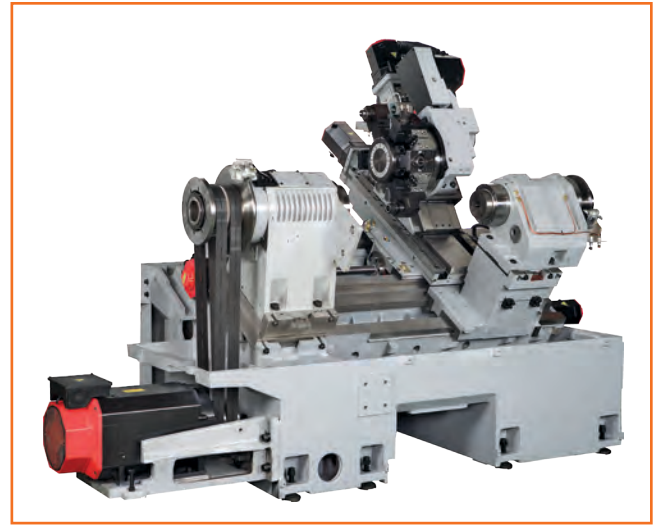
Optional configuration:

- 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	27" swing; Sub-spindle + Y	27" swing; Y-axis	27.5" swing; Sub-spindle	36" swing; Sub-spindle + Y	36" swing; Y-axis
Controller	FANUC Oi-T					
Swing over bed	mm	570 (22.5")	680 (26.75")	700 (27.5")	910 (35.75")	
Swing over carriage	mm	378 (15")	485 (19")	500 (19.6")	720 (28")	
Max. cutting diameter [Main spindle]	mm	250 (9.8")	240 (9")	480 (18.75")	420 (16.5")	
Max. cutting diameter [Sub-spindle]	mm	200 (7.75")		375 (14.75")		-
Max. cutting length	mm	440 (17")			540 (21")	
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]			3500 [2700/2500/2000]	
Spindle motor power	kW	15 (20Hp)			18.5 (25 Hp) [opt. 22 (30 Hp)]	
Bar capacity	mm	52 (2.04") [44 (1.7"), 65 (2.5"), 75 (2.9")]			75 (2.9") [opt. 90 (3.5"), 105 (4.1"), 116 (4.5")]	
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	600 (23.6")			750 (29.5")	
	X axis	220** (8.6")	220 (8.6")	250+50 (9.8+1.9")	275 (10.8")	
	Y axis	-	± 50 (± 1.9 ")	-	± 50 (± 1.9 ")	
	B axis	585 (23")		-	700 (27.5")	
Rapid traverse	Z axis	20 (787"/min)			24 (944"/min)	
	X axis	20 (787"/min)			20 (787"/min)	
	Y axis	-	10 (393"/min)	-	10 (393"/min)	
	B axis	20 (787"/min)			20 (787"/min)	
TURRET						
Number of tools	#	12			12	
Rotary tools	kW	4.5 (6 Hp) 6,000 rpm				
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 1610325

* Live-tool turret

** 220 mm with live-tool option

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