



# CNC lathe A-Turn 250

20" x 22~39"

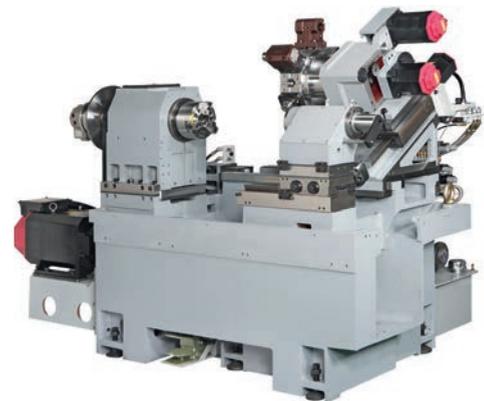


### Standard configuration

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

- One piece Meehanite slant bed lathe has low center of gravity and superior rigidity.
- Flex-resistant and shock-absorbing headstock is heat-treated and annealed twice. Reaching HRC53 hardness, it can take heavy cuts while maintaining accuracy.

Specifications		A-Turn 250/570		A-Turn 250/1000	
		20" x 22"		20" x 39"	
<b>CONTROL</b>	Controller	FANUC 0i-TD			
	Swing over bed	mm	505 (20")		
<b>CAPACITY</b>	Swing over carriage	mm	318 (12.5")		
	Max. cutting diameter	mm	350 (13.8")		
	Max. cutting length	mm	570 (22.4")	1000 (39")	
<b>SPINDLE</b>	Spindle nose taper	ASA	(A2-5) A2-6		
	Chuck diameter	inch	(6) 8		
	Spindle speed	rpm	(6000) 4500		
	Spindle motor power	kW	15 (20 Hp)		
	Bar capacity	mm	44 to 75 (1.7 to 3")		
<b>TRAVELS</b>	Z axis	mm	600 (23.6")		
	X axis	mm	220 (8.7")		
<b>FEED RATES</b>	Rapid traverse – Z axis	m/min	20 (780"/min)		
	Rapid traverse – X axis	m/min	20 (780"/min)		
<b>TURRET</b>	Type		-		
	Number of tools	#	8 [opt. 10/12]		
	Square tool shank size	mm	20 (0.8")		
	Round tool shank size	mm	32 (1.3")		
	Cs spindle index angle**	deg	[opt. 0.01]		
	Max. rotary tool speed**	rpm	[opt. 6000]		
	Rotary tool motor power**	kW	[opt. 2.2 (3 Hp)]		
<b>TAILSTOCK</b>	Tailstock body travel	mm	545 (21.5")	1045 (41")	
	Tailstock quill travel	mm	80 (3.1")		
	Tailstock quill diameter	mm	75 (3")		
	Quill taper	MT#	4		
<b>DIMENSIONS</b>	Dimensions (L/W/H)	m	2.9x1.6x1.7 (114x63x67")	3.7x1.3x1.6 (146x51x63")	
	Weight	kg	3700 (8,100 lbs)		
Item No.			<b>1610158</b>	<b>1610159</b>	



### Optional configuration

- Servo turret
- Collet chuck
- Tool setter
- External control box
- Parts catcher
- Parts conveyor
- Bar feeder
- Bar feeder interface 7 or 24 pins
- Auto door
- Oil mist collector
- Oil-coolant skimmer
- Air cooler for electric cabinet
- High pressure coolant system
- Transformer

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



# CNC lathe A-Turn 225

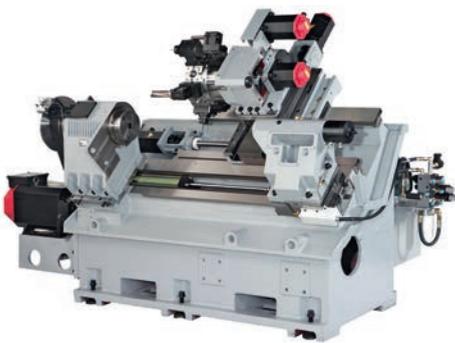
18" x 12~24"



- Small flatbed lathe with box-ways and a 30° inclined saddle offers economical performance.
- High-speed turret selects adjacent tool in just 0.3s, opposite tool in just 1.5s.

### Standard configuration

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



### Optional configuration

- Servo turret
- Collet chuck
- Tool setter
- External control box
- Parts catcher
- Parts conveyer
- Bar feeder
- Bar feeder interface 7 or 24 pins
- Auto door
- Oil mist collector
- Oil-coolant skimmer
- Air cooler for electric cabinet
- High pressure coolant system
- Transformer

Specifications		A-Turn 225/300		A-Turn 225/600	
		18" x 12"		18" x 24"	
<b>CONTROL</b>	Controller	FANUC 0i-T			
	Swing over bed	mm	455 (17.9")		
<b>CAPACITY</b>	Swing over carriage	mm	260 (10")		
	Max. cutting diameter	mm	330 (13")		
	Max. cutting length	mm	300 (11.8")	600 (23.6")	
<b>SPINDLE</b>	Spindle nose taper	ASA	A2-6		
	Chuck diameter	inch	8		
	Spindle speed	rpm	(6000) 4500		
	Spindle motor power	kW	15 (20 Hp)		
<b>TRAVELS</b>	Bar capacity	mm	52 (2")		
	Z axis	mm	350 (13.8")	625 (24.6")	
<b>FEED RATES</b>	X axis	mm	175 (6.9")		
	Rapid traverse – Z axis	m/min	20 (780"/min)		
<b>TURRET</b>	Rapid traverse – X axis	m/min	20 (780"/min)		
	Type		BOT/VDI		
	Number of tools	#	8 [opt. 12]		
	Square tool shank size	mm	25 (1")		
	Round tool shank size	mm	32 (1.3")		
	Cs spindle index angle**	deg	[opt. 0.01]		
	Max. rotary tool speed**	rpm	[opt. 6000]		
	Rotary tool motor power**	kW	[opt. 2.2 (3 Hp)]		
	<b>TAILSTOCK</b>	Tailstock body travel	mm	200 (7.9")	400 (15.7")
Tailstock quill travel		mm	80 (3.1")	150 (5.9")	
Tailstock quill diameter		mm	70 (2.8")		
Quill taper		MT#	4		
<b>DIMENSIONS</b>	Dimensions (L/W/H)	m	2.2x1.3x1.6 (87x51x63")	2.4x1.3x1.6 (94x51x63")	
	Weight	kg	3000 (6,600 lbs)	3500 (7,700 lbs)	
Item No.			<b>1610160</b>	<b>1610161</b>	

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