



# CNC vertical turning lathe

## V-Turn 450 • 550 • 750 • 750 ATC • 1000 ATC CNC

For high-speed turning from 18" to 40"



Fast, powerful, compact. A high-performance VTL that brings efficiency to your shop floor.

Live tooling is an option on all models.

### Standard configuration

- ✓ 3-jaw hydraulic chuck
- ✓ FANUC Oi CNC controller
- ✓ 8.4" color LCD monitor
- ✓ Registered part program numbers: 400 sets
- ✓ Part program memory size: 640 m
- ✓ RS-232 port
- ✓ Heat exchanger for electric cabinet
- ✓ Hydraulic power supply unit
- ✓ Coolant system
- ✓ Full-enclosed way cover
- ✓ Automatic lubrication
- ✓ Three-color warning light
- ✓ Chip conveyor
- ✓ Chip cart
- ✓ Collet chuck
- ✓ Toolholder
- ✓ Standard soft jaw and hard jaw
- ✓ Tool kit

### Optional configuration

- Live tooling
- Tool setter
- Air cooler for electric cabinet
- Automatic door
- Oil-coolant skimmer
- Oil mist collector

Specifications			V-Turn				
			450 18" swing	550 22" swing	750 30" swing	750 ATC 30" swing	1000 ATC 40" swing
CAPACITY	Max. swing diameter	mm	Ø 600 (23.6")	Ø 750 (29.5")	Ø 850 (33.5")	Ø 1100 (43.3")	
	Max. turning diameter	mm	Ø 450 (17.7")	Ø 550 (21.7")	Ø 750 (29.5")	Ø 1000 (39.3")	
	Max. turning height	mm	400 (17.5")	550 (21.7")	800 (31.5")	700 (27.6")	
SPINDLE	Speeds	rpm	50–2500		20–1400		
	Diameter of spindle bearing	mm	Ø 130 (5.1")		Ø 160 (6.3")		
	Spindle nose taper	ASA	A2-8		A2-11		
	Chuck diameter	in	12 [opt. 15]		24 [opt. 32]		
TRAVELS	X axis	mm	-20/+225 (-0.8/+8.9")	-20/+275 (-0.8/+10.8")	-45/+375 (-1.8/+14.8")	-70/+580 (-2.8/+22.8")	-70/+705 (-2.8/+27.8")
	Z axis	mm	450 (17.7")	550 (21.7")	800 (31.5")		
FEED RATES	Rapid traverse	X axis	m/min 20 (780"/min)		m/min 20 (780"/min)		
		Z axis	m/min 24 (945"/min)		m/min 24 (945"/min)		
TURRET	Number of tools	#	12		12		
	Tool shank size	mm	Ø 25/40 (1/1.6")		Ø 32/50 (1.26/2")	BT50	
	Max. tool length	mm			400 (17.5")		
	Max. tool weight	kg			50 (110lbs)		
MOTOR	Main spindle motor	kW	18.5 (25 Hp)		22 (30 Hp)		22/45 (30/60 Hp)
DIMENSIONS	Dimensions (L/W/H)	mm	1850x3000x3060 (72.8x118x120")		3500x2364x4037 (138x93x159")	3650x2700x4037 (144x106x159")	3750x2550x4037 (148x100x159")
	Weight	kg	5000 (11,000 lbs)	5300 (11,660 lbs)	15000 (33,000 lbs)	16000 (35,200 lbs)	16500 (36,300 lbs)
Item No.			<b>1530056</b>	<b>1530057</b>	<b>1530058</b>	<b>1530059</b>	<b>1530060</b>

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