



# CNC vertical turning lathe V-Turn • V-Turn ATC

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 0i 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			V-Turn ATC		
		450 18" swing	550 22" swing	750 30" swing	750 ATC 30" swing	1000 ATC 40" swing	
Max. swing diameter	mm	Ø600 (23.6")	Ø750 (29.5")	Ø850 (33.5")		Ø1100 (43.3")	
Max. turning diameter	mm	Ø450 (17.7")	Ø550 (21.7")	Ø750 (29.5")		Ø1000 (39.3")	
Max. turning height	mm	400 (17.5")	550 (21.7")	800 (31.5")	700 (27.6")		
Speeds	rpm	50–2500		20–1400		10–600	
Diameter of spindle bearing	mm	Ø130 (5.1")		Ø160 (6.3")		Ø220 (8.7")	
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")		
Rapid traverse	X axis	m/min	20 (780"/min)		20 (780"/min)		
	Z axis	m/min	24 (945"/min)		24 (945"/min)		
<b>TURRET</b>							
Number of tools	#	12			12		
Tool shank size	mm	Ø25/40 (1/1.6")			Ø32/50 (1.26/2")	BT50	
Max. tool length	mm				400 (17.5")		
Max. tool weight	kg				50 (110 lbs)		
Main spindle motor	kW	18.5 (25 Hp)		22 (30 Hp)		22/45 (30/60 Hp)	
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.