



# CNC Gantry Mill

## VT-Mill Duo CNC

Fixed table, multiple moving gantries

### Optional configuration

- Spindle oil cooler
- Oil skimmer
- Coolant through spindle with 20/50 Bar (IKZ)
- Mitsubishi M 730 V
- Siemens 828D Control incl. Shopmill
- Heidenhain TNC 620
- Linear scales
- Coolant fog extraction
- Auto. work piece position measurement and coordinate rotation
- NC rotary table – 4 axis
- 2 screw type and 1 chain type chip conveyor
- CAT 50



### Standard configuration

- ✓ CNC Fanuc Oi MD
- ✓ HIWIN linear guide ways in 3 axis
- ✓ 24 station tool changer
- ✓ Double Hydraulic system of balancing in Z-axis
- ✓ Telescopic covers in all axis
- ✓ Rigid tapping
- ✓ USB, CF Card, Ethernet, and RS232 interface
- ✓ CAT 40
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ Chip flushing system
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic hand wheel (MPG)
- ✓ Heat exchanger for electrical cabinet
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Air gun
- ✓ Safety door
- ✓ Operation manuals

Specifications		VT-Mill 3112 Duo	VT-Mill 3116 Duo	VT-Mill 4112 Duo
TRAVELS	Axis travel: X/Y/Z	3,100/1,220/800 mm (122/48/23.6")	3,100/1,620/800 mm (122/63.7/31")	4,100/1,220/800 mm (161.4/48/23.6")
	Spindle-table distance	100~700 mm (3.9~27.5")	150~950 mm (5.9~37.4")	100~700mm (3.9~27.5")
	Distance between columns	1,400 mm (55.1")	1700 mm (66.9")	1,400 mm (55.1")
TABLE	Table dimensions (W/L)	3,000x1,200 mm (118.1x47.2")	3,000x1,500 mm (118.1x59")	4,000x1,200 mm (157.4x47.2")
	T-slots: Size/Qty/Dist.	7x22x150 mm	9x22x150 mm	7x22x150 mm
	Max. table load	5,000 kgs (12,100 lbs)	10,000 kgs (22,000 lbs)	6,000 kgs (13,200 lbs)
SPINDLE	Speeds	#40: 10,000 rpm Direct type (*12,000/15,000 rpm ) (#50: 2 steps gear 6,000/8000 rpm)		
	Spindle taper	BT40 (CAT40) BT50 (CAT50)		
FEED RATE	Rapid feed rate: X/Y/Z	12/24/15 M/min (472/944/590"/min)	12/12/12 M/min (472/472/472"/min)	12/24/15 M/min (472/944/590"/min)
	Cutting feed rate	1~10 M/min (1-394"/min)		
ATC	Number of tools	Arm type 24 tools	Chain type 40/60 tools	
CONTROL & MOTOR	CNC controller	Fanuc Oi-MF		
	Main spindle motor	11/15 kw (20 Hp)	15/18.5 kw (25 Hp)	
Weight		20,000 kgs (44,000 lbs)	26,000 kgs (57,200 lbs)	24,000 kgs (52,800 lbs)

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