

Vcenter-F76/F106 Machine Specification

13-July-2020

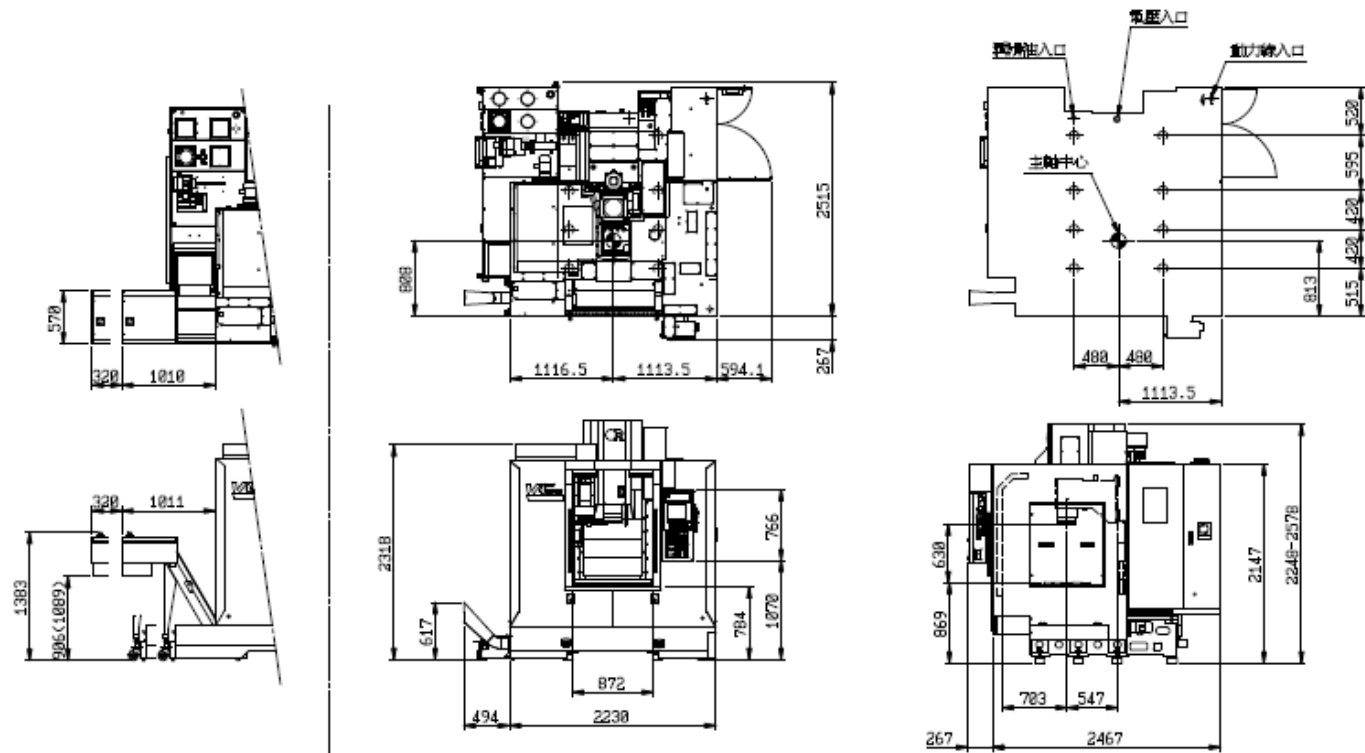
Item	Units	Vcenter-F76	Vcenter-F106
Travel	X axis travel	mm	760
	Y axis travel	mm	500
	Z axis travel	mm	510 (opt. 690)
Distance	Spindle center to column	mm	565
	Spindle nose to table surface	mm	120 ~ 630 (opt.810)
Table	Table work area	mm	840 x 500
	Dimension of T-slot	mm	4 x 18 x 100
	Max. table load	kg	500
			600
Spindle	Spindle taper		BT-40
	Spindle motor – cont./-25% (15 min)	kW	11 / 15
	Spindle speed	rpm	8000 (opt. 10000)
Feed rate	Rapid feed rate - X/Y/Z (Fanuc)	m/min	32 / 32 / 32
	Axis acceleration – X/Y/Z	m/sec ²	0.5G / 0.5G / 0.5G
	Axis feed motor - X/Y/Z	kW	2.5 / 2.5 / 3
	Cutting feedrate by table	m/min	20
	X/Y/Z ballscrew (dia. x pitch)	mm	40 x P16 (X/Y/Z)
	Linear guide width (X/Y/Z)	mm	30 / 35 / 45
Tools	Max. tool length	mm	300
	Max. tool weight	kg	7
	Magazine capacity		24 (opt. 30)
	Max. tool diameter (without adjacent tools)	mm	75 (150)
	Tool exchange time	sec.	2.4 (T-T), 5.7 (C-C)
	Pull stud angle	deg.	15 (JIS 40P)
	Tool selection method		Random
Accuracy (ISO 230-2)	Positioning accuracy (bi-directional)	mm	0.010
	Repeatability	mm	0.007 (±0.0035)
Machine	Power requirement	kVA	22 (excl. CTS)
	Min/Max. air pressure	kg/cm ²	5.5 ~ 6.5
	Coolant tank capacity	L.	220
	Std. NC controller (Fanuc)		0i-MF Plus (10.4")
	Floor space requirement	mm	2714 x 2782
	Max. machine height	mm	2578
	Machine weight	kg	5260

Vcenter-F106 Availability: September, 2020

(Machine layout drawing is on the next page)

Vcenter-F76/F106 brochure available on September, 2020 too.

Vcenter-F106 Machine Layout



Vcenter-F106 Machining Range

