

Specification		Vcenter-AX350	Vcenter-AX800
X axis travel	in	25.59	62.99
Y axis travel	in	18.9	29.56
Z axis travel	in	21.26	23.62 (vertical milling) 39.4 (horizontal milling)
A (or B) / C axis travel	deg	-120 ~ 30 / 360	-30 ~ 110 / 360
Rapid feed rate - X/Y/Z	ipm	1890 / 1890 / 1890	1181 / 1181 / 1181
Rapid feed rate - A/C (or B/C)	rpm	33.3 / 40	20 / 25
Axis feed motor - X/Y/Z	HP	6 / 6 / 7.4	12 / 9.4 / 12
Axis feed motor - A/C (or B/C)	HP	4 / 2.14	5.36 / 5.36
Table work area	in	Φ13.78	49.2 x F31.5
Max. table load	lbs	440	2640 (rotary) 5280 (fixed + rotary)
Spindle taper		CT-40 (opt. BCV-40)	BCV-40
Spindle motor - cont/30/10min	HP	10 / 15 / 20 (opt. 20/25/-)	20 / 24.8 / 29.5
Spindle speed	rpm	12000 (opt. 15000)	15000
Output rated torque – A/C (or B/C)	ft-lbf	781 / 433	1165 / 1947
Output torque at brake – A/C (or B/C)	ft-lbf	1808 / 1591	1261 (by coupling) 708 / 2532 (bt brake)
Max. tool length	in	11.8	11.8
Max. tool weight	lbs	15.4	15.4
Magazine capacity		24 (opt. 32)	40 (opt. 60)
Max. tool diameter (without adjacent tools)	in	2.99 (4.92)	2.99 (4.92)
Tool exchange time	sec.	2.4 (T-T), 5.4 (C-C)	2.8 (T-T), 7.7 (C-C)
Power requirement	kVA	36 (excl. CTS)	44 (excl. CTS)
Coolant tank capacity	gal.	106	118
Std. NC controller (Fanuc)		0i-MD (10.4")	0i-MD (10.4")
Floor space requirement	in	149 x 129.3 x 119.5	254.5 x 163.4 x 127.3
Machine weight	lbs	13117	34100