

Johnford C-Frame Vertical Machining Centers Specifications*

All Johnford vertical machining centers feature rigid box ways in all axes, large pre-tensioned ballscrews, and Fanuc high-performance CNC controls. Request a detailed quote on any model.

40 TAPER VMC SPECIFICATIONS

MACHINE MODEL	X-AXIS TRAVEL	Y-AXIS TRAVEL	Z-AXIS TRAVEL	TABLE SIZE	TABLE LOAD	SPINDLE HP	RPM STD./OPT.	SPINDLE DRIVE	ATC CAPACITY	MACHINE WEIGHT
SV-32E	32"	20"	24"	40" x 20"	1,760 lb	15	8,000	Belt	24 armless	12,100 lb
SV-32P	32"	20"	24"	40" x 20"	1,760 lb	15	10,000	Belt	24 arm type	12,100 lb
SV-32	32"	20"	24"	40" x 20"	1,760 lb	15	8K / 10K / 15K	2-speed gear	24 arm type	12,100 lb
SV-40E	41"	20"	24"	48" x 20"	1,760 lb	15	8,000	Belt	24 armless	13,200 lb
SV-40P	41"	20"	24"	48" x 20"	1,760 lb	15	10,000	Belt	24 arm type	13,200 lb
SV-40	41"	20"	24"	48" x 20"	1,760 lb	15	8K / 10K / 15K	2-speed gear	24 arm type	13,200 lb
SV-33	33"	24"	24"	40" x 24"	2,840 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	17,600 lb
SV-41	41"	24"	24"	47" x 24"	2,840 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	18,700 lb
SV-45	45"	21"	25"	48" x 20"	3,300 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	16,000 lb
SV-48	48"	28"	25"	51" x 28"	3,300 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	20,900 lb
VMC-1300	51"	34"	32"	59" x 28"	7,100 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	29,500 lb
VMC-1600	63"	34"	32"	71" x 30"	10,000 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	38,500 lb
VMC-1600S	63"	43"	32"	71" x 39"	10,000 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	41,000 lb
VMC-2000	81"	34"	32"	86" x 34"	10,500 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	41,000 lb
VMC-2000S	81"	43"	32"	86" x 39"	10,500 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	44,000 lb
VMC-3000	120"	34"	32"	126" x 34"	10,500 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	44,000 lb
VMC-3000S	120"	43"	32"	126" x 39"	10,500 lb	15	10K / 15K / 24K	2-speed gear	24 arm type	50,000 lb

50 TAPER VMC SPECIFICATIONS

MACHINE MODEL	X-AXIS TRAVEL	Y-AXIS TRAVEL	Z-AXIS TRAVEL	TABLE SIZE	TABLE LOAD	SPINDLE HP	RPM STD./OPT.	SPINDLE DRIVE	ATC CAPACITY	MACHINE WEIGHT
SV-45H	45"	21"	25"	48" x 20"	3,300 lb	20	6K / 10K / 15K	2-speed gear	24 arm type	18,000 lb
SV-48H	48"	28"	25"	51" x 28"	3,300 lb	20	6K / 10K / 15K	2-speed gear	24 arm type	22,000 lb
VMC-1300HD	51"	34"	28"	59" x 28"	7,100 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	29,700 lb
VMC-1600HD	63"	34"	28"	71" x 30"	10,000 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	38,500 lb
VMC-1600SHD	63"	43"	32"	71" x 39"	10,500 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	41,000 lb
VMC-2000HD	81"	34"	32"	86" x 34"	10,500 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	41,000 lb
VMC-2000SHD	81"	43"	32"	86" x 39"	10,500 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	44,000 lb
VMC-3000HD	120"	34"	32"	126" x 34"	10,500 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	44,000 lb
VMC-3000SHD	120"	43"	32"	126" x 39"	10,500 lb	25	6K / 10K / 15K	2-speed gear	24 arm type	50,000 lb

TWIN-SPINDLE VMC SPECIFICATIONS

MACHINE MODEL	X-AXIS TRAVEL	Y-AXIS TRAVEL	Z-AXIS TRAVEL	TABLE SIZE	TABLE LOAD	SPINDLE HP	RPM STD./OPT.	SPINDLE DRIVE	ATC CAPACITY	DISTANCE SPINDLES	MACHINE WEIGHT
SV-45-2H	45	21	25	48" x 20"	3,300 lb	20	8K / 10K	2-speed gear	24 arm x 2	17	17,800 lb
VMC-1300-2H	51	34	28	59" x 28"	7,100 lb	20	8K / 10K	2-speed gear	24 arm x 2	25	30,800 lb

OPTIONAL ACCESSORIES

1. Larger tool magazines (32 / 40 / 60 / 80 / 120 tools)
2. Automatic pallet changers (all models)
3. Coolant through the spindle (1,000 psi)
4. High-speed machining packages
5. 4th and 5th axis rotary tables

* All data subject to change without notice