

Johnford Double Column Machining Center Specifications*

MACHINE MODEL	X TRAVEL	Y TRAVEL	Z TRAVEL	TABLE LOAD	RAPID RATE	CONTROL (FANUC)	SPINDLE TYPE, RPM, AND POWER	ATC CAPACITY	WEIGHT
DMC-900	36"	36"	30"	6,600 lb	944"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	22,000 lb
DMC-900H	36"	36"	30"	6,600 lb	944"/min	OiM-B / 18iMB	6K / 8K 25HP 2-Speed Gearbox	24 CAT-50	22,000 lb
DMC-1200	48"	36"	30"	8,360 lb	944"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	26,400 lb
DMC-1200H	48"	36"	30"	8,360 lb	944"/min	OiM-B / 18iMB	6K / 8K 25HP 2-Speed Gearbox	24 CAT-50	26,400 lb
DMC-1500	60"	36"	30"	10,120 lb	944"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	33,000 lb
DMC-1500H	60"	36"	30"	10,120 lb	944"/min	OiM-B / 18iMB	6K / 8K 25HP 2-Speed Gearbox	24 CAT-50	33,000 lb
DMC-1600	63"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	45,000 lb
DMC-1600H	63"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	45,000 lb
DMC-2100	81"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	52,000 lb
DMC-2100H	81"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	52,000 lb
DMC-3100	120"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	59,000 lb
DMC-3100H	120"	43"/51"	32"	13,200 lb	590"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	59,000 lb
DMC-2100S	83"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	65,120 lb
DMC-2100SH	83"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	65,120 lb
DMC-2600S	102"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	68,640 lb
DMC-2600SH	102"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	68,640 lb
DMC-3100S	122"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	72,160 lb
DMC-3100SH	122"	70"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	72,160 lb
DMC-3100P	122"	90"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	77,000 lb
DMC-3100PH	122"	90"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	77,000 lb
DMC-4100P	161"	90"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	8K / 10K 15HP 2-Speed Gearbox	24 CAT-40	90,200 lb
DMC-4100PH	161"	90"	32"/42"	22,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	90,200 lb
DMC-3000 X 1500	118"	65"	32"/42"	18,500 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	100,000 lb
DMC-3000 X 2500	118"	110"	32"/42"	26,400 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	128,700 lb

MACHINE MODEL	X TRAVEL	Y TRAVEL	Z TRAVEL	TABLE LOAD	RAPID RATE	CONTROL (FANUC)	SPINDLE TYPE, RPM, AND POWER	ATC CAPACITY	WEIGHT
DMC-4000 X 1500	157"	65"	32"/42"	26,400 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	125,000 lb
DMC-4000 X 2500	157"	110"	32"/42"	44,000 lb	472"/min	OiM-B / 18iMB	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	145,640 lb
SDMC-5000 X 1500	196"	65"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	100,000 lb
SDMC-5000 X 2500	196"	110"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	115,940 lb
SDMC-6000 X 1500	236"	65"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	115,000 lb
SDMC-6000 X 2500	236"	110"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	130,680 lb
SDMC-7000 X 1500	275"	65"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	130,000 lb
SDMC-7000 X 2500	275"	110"	32"/42"	Unlimited	472"/min	18iM-B	6K / 8K 35HP 2-Speed Gearbox	40 CAT-50	145,300 lb

SDMC MACHINES 8 METERS THROUGH 25 METERS AVAILABLE

OPTIONAL ACCESSORIES
1 1,000 PSI COOLANT THROUGH THE SPINDLE
2 LARGER TOOL MAGAZINES UP TO 120 TOOLS
3 AUTOMATIC PALLET CHANGERS
4 RENISHAW PART AND TOOL PROBES
5 50HP SPINDLE MOTORS ON LARGE MODELS
6 15,000 RPM 56HP WEISS HSK-100A SPINDLES
7 24,000 RPM 31HP WEISS HSK-63A SPINDLES
8 5 FACE HEAD
9 5 AXIS HEADS

* All data subject to change without notice