

Double column CNC for the BIG STUFF. >>

The DCX Series Double Column CNC machining centers were created due to customer requests—customers who relied on the usability and flexibility of the Hurco control needed larger machines for aerospace and energy parts. Our 2-meter, 3-meter, and 4-meter VMCs are the biggest machine tools available with the powerful Hurco control.

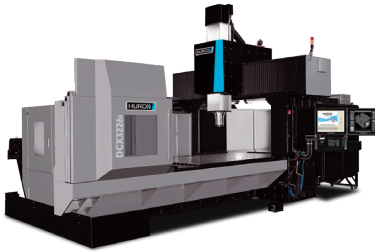
DCX22i/50T



DCX32i



DCX3226i



DCX42i



SERIES OVERVIEW

- » Double Column design promotes thermal stability and superior dynamic behavior.
- » 5 second tool-to-tool ATC time.
- » Larger, telescoping doors give you more room to load/unload and facilitate easy overhead crane access.
- » Best-In-Class Yaskawa Sigma V Drives.
- » LED lighting shines brighter and saves energy.
- » Robust control specifications (standard, not an option) – 4GB RAM Memory, 10,000 block lookahead, 128GB Solid State Hard Drive, 2.7GHz Dual Core Processor.
- » Ergonomically-designed control console with two 19" LCD touch-screens.
- » WinMax® Mill Conversational and Industry Standard NC programming.
- » Patented Motion Control System (UltiMotion®) is standard, not an option.



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SPECIFICATIONS		DCX22i	DCX22i-50T	DCX32i	DCX3226i	DCX42i
CAPACITY	TABLE SIZE	82.7 x 63 in / 2,100 x 1,600 mm	82.7 x 63 in / 2,100 x 1,600 mm	118.1 x 66.9 in / 3,000 x 1,700 mm	118.1 x 82.7 in / 3,000 x 2,100 mm	157.5 x 82.7 in / 4,000 x 2,100 mm
	MAXIMUM WEIGHT ON TABLE	13,228 lb / 6,000 kg	17,600 lb / 8,000 kg	24,200 lb / 11,000 kg	30,864.7 lb / 14,000 kg	35,274 lb / 16,000 kg
	SPINDLE NOSE TO TABLE	6 in / 152 mm	6 in / 152 mm	6.46 in / 164 mm	6.46 in / 164 mm	6.30 in / 160 mm
	TABLE T-SLOTS	9 x 0.87 in / 9 x 22 mm	9 x 0.87 in / 9 x 22 mm	7 x 0.87 in / 7 x 22 mm	9 x 0.87 in / 9 x 22 mm	9 x 0.87 in / 9 x 22 mm
	DISTANCE BETWEEN COLUMNS	68.9 in / 1,750 mm	68.9 in / 1,750 mm	83.9 in / 2,130 mm	99.6 in / 2,530 mm	100 in / 2,540 mm
TRAVEL	X-AXIS	86.6 in / 2,200 mm	86.6 in / 2,200 mm	126 in / 3,200 mm	126 in / 3,200 mm	165.4 in / 4,200 mm
	Y-AXIS	66.9 in / 1,700 mm	66.9 in / 1,700 mm	82.7 in / 2,100 mm	102.4 in / 2,600 mm	102.4 in / 2,600 mm
	Z-AXIS	29.5 in / 750 mm	29.5 in / 750 mm	36.2 in / 920 mm	36.2 in / 920 mm	43.3 in / 1,100 mm
SPINDLE	MAXIMUM SPINDLE SPEED	12,000 rpm	8,000 rpm	6,000 rpm	6,000 rpm	6,000 rpm
	SPINDLE POWER (30 MIN/CONTINUOUS)*	(15 MIN) 20 hp (15 kW) / 14.8 hp (11 kW) @ 900 rpm	30 hp (22 kW) / 20 hp (15 kW) @ 780 rpm	(10 MIN) 64 hp (48 kW) / 51 hp (38 kW) @ 1180 rpm	(10 MIN) 64 hp (48 kW) / 51 hp (38 kW) @ 1180 rpm	(10 MIN) 64 hp (48 kW) / 51 hp (38 kW) @ 1000 rpm
	SPINDLE TORQUE (30 MIN/CONTINUOUS)*	146 ft. lbs (198 Nm) / 87.5 ft. lbs (119 Nm) @ 720 rpm	229 ft. lbs (310 Nm) / 135 ft. lbs (182 Nm) @ 688 rpm	(10 MIN) 338 ft. lbs (458 Nm) / 226 ft. lbs (306 Nm) @ 1000 rpm	(10 MIN) 338 ft. lbs (458 Nm) / 226 ft. lbs (306 Nm) @ 1000 rpm	(10 MIN) 338 ft. lbs (458 Nm) / 226 ft. lbs (306 Nm) @ 1000 rpm
ATC	TOOL TYPE	CAT 40	CAT 50	CAT 50	CAT 50	CAT 50
	TOOL CAPACITY	40	40	40	40	40
	MAXIMUM TOOL DIAMETER	2.95 in / 75 mm	4.9 in / 125 mm	4.9 in / 125 mm	4.9 in / 125 mm	4.9 in / 125 mm
	MAXIMUM TOOL LENGTH	11.8 in / 300 mm	11.8 in / 300 mm	11.8 in / 300 mm	11.8 in / 300 mm	11.8 in / 300 mm
	MAXIMUM TOOL WEIGHT	15.4 lb / 7 kg	33 lb / 15 kg	33 lb / 15 kg	33 lb / 15 kg	33 lb / 15 kg
	TOOL-TO-TOOL ATC TIME	5 sec	5 sec	5 sec	5 sec	5 sec
FEEDRATE	RAPID TRAVERSE XYZ PER MINUTE	XYZ = 945 in / 24 m	XYZ = 945 in / 24 m	XY = 591 in / 15 m Z = 394 in / 10 m	XY = 591 in / 15 m Z = 394 in / 10 m	XY = 591 in / 15 m Z = 394 in / 10 m
	PROGRAMMABLE FEEDRATE / MINUTE	945 in / 24 m unlimited**	945 in / 24 m unlimited**	394 in / 10 m unlimited**	394 in / 10 m unlimited**	394 in / 10 m unlimited**
SIZE	MAXIMUM OPERATING FLOOR SPACE (W x D x H)	283.9 x 226.9 x 153.1 in / 7,210 x 5,765 x 3,889 mm	259.5 x 237.4 x 152.6 in / 6,591 x 6,031 x 3,875 mm	392.1 x 250.4 x 186.0 in / 9,960 x 5,935 x 4,724 mm	408.8 x 249.7 x 186.0 in / 10,384 x 6,341 x 4,724 mm	486.7 x 277.6 x 212.0 in / 12,363 x 6,722 x 5,385 mm
	MACHINE WEIGHT	44,000 lb / 21,000 kg	45,122 lb / 21,000 kg	76,870 lb / 35,000 kg	81,439 lb / 37,000 kg	98,317 lb / 45,000 kg

* DCX32i, DCX3226i, DCX42i listed with 10 min. peaks. DCX22i listed with 15 min. peaks

** With Ultimotion®