



Whatever you need for milling and turning we offer the best.

MACHINETOOLS



OPTIONAL ACCESSORIES

- Tool presetter
- CNC rotary table
- Automatic pallet changer
- 10000~40000 rpm
- High pressure coolant thru tool tip or spindle
- Chain type chip conveyor

Please visit www.machinesources.com and key in the video serial number **EA72109** to watch the product running in actual production environment.

VERTICAL MACHINING CENTERS



EA72109

Item	JET-32
Table Working Surface	39.4" x 19.7" (1000 x 500 mm)
X-Y-Z Travel	32.3" x 19.7" x 24" (820 x 500 x 610 mm)
Spindle Motor	No.40: 7.5 / 5.5 kW
X-Y-Z Rapid Traverse	40 / 40 / 20 m/min
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.) No.50: Armless 20 (Arm Type 24 Opt.)
Table Load Capacity	880 lb (400 kg)
Machine Weight	11000 lb (5000 kg)
Machine Dimensions (LxWxH)	102.4" x 149.6" x 113.1" (2600 x 3800 x 2873 mm)



Item	JET-1000
Table Working Surface	47.2" x 23.6" (1200 x 600 mm)
X-Y-Z Travel	40" x 24" x 19.7" (1020 x 610 x 500 mm)
Spindle Motor	11 / 15 kW (Std.); 17 / 24 kW (Opt.)
X-Y-Z Rapid Traverse	24 / 24 / 24 m/min
Spindle Taper / No. of Tools	Arm Type 24 (Std.); Arm Type 32 (Opt.) HSK A63: Arm Type 24 (32 Opt.)
Table Load Capacity	1760 lb (800 kg)
Machine Weight	17600 lb (8000 kg)
Machine Dimensions (LxWxH)	122" x 110.2" x 113" (3100 x 2800 x 2870 mm)

EA72109

Item	VMC-850	VMC-1050
Table Working Surface	39.4" x 19.7" (1000 x 500 mm)	47.2" x 19.7" (1200 x 500 mm)
X-Y-Z Travel	31.5" x 19.7" x 24" (800 x 500 x 610 mm)	41.3" x 19.7" x 24" (1050 x 500 x 610 mm)
Spindle Motor	No.40: 7.5 / 5.5 kW	
X-Y-Z Rapid Traverse	30 / 30 / 20 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	1320 lb (600 kg)	
Machine Weight	12100 lb (5500 kg)	13200 lb (6000 kg)
Machine Dimensions (LxWxH)	92.5" x 126" x 106.2" (2350 x 3200 x 2698 mm)	115" x 126" x 106.2" (2920 x 3200 x 2698 mm)



VMC-850

EA72115

Item	SV-33	SV-41
Table Working Surface	39.4" x 23.6" (1000 x 600 mm)	47.2" x 23.6" (1200 x 600 mm)
X-Y-Z Travel	33.5" x 24" x 24" (850 x 610 x 610 mm)	41.3" x 24" x 24" (1050 x 610 x 610 mm)
Spindle Motor	No.40: 11 / 9 kW	
X-Y-Z Rapid Traverse	30 / 30 / 20 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	2640 lb (1200 kg)	
Machine Weight	17600 lb (8000 kg)	18700 lb (8500 kg)
Machine Dimensions (LxWxH)	94.5" x 126" x 111.7" (2400 x 3200 x 2838 mm)	115" x 126" x 111.7" (2920 x 3200 x 2838 mm)



SV-41

Item	SV-48	SV-48H
Table Working Surface	51.2" x 27.6" (1300 x 700 mm)	
X-Y-Z Travel	48" x 28" x 24.8" (1220 x 710 x 630 mm)	
Spindle Motor	No.40: 11 / 7.5 kW	No.50: 15 / 11 kW
X-Y-Z Rapid Traverse	24 / 24 / 24 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.) No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	3300 lb (1500 kg)	
Machine Weight	20900 lb (9500 kg)	22000 lb (10000 kg)
Machine Dimensions (LxWxH)	126" x 153.5" x 122" (3200 x 3900 x 3090 mm)	



SV-48



Item	VMC-3000S	VMC-3000SHD
Table Working Surface	126" x 39.4" (3200 x 1000 mm)	
X-Y-Z Travel	120" x 43.3" x 31.5" (3050 x 1100 x 800 mm)	
Spindle Motor	No.40: 11 / 7.5kW	No. 50: 18.5 / 15kW
X-Y-Z Rapid Traverse	12 / 12 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.)	
	No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	10500 lb (4800 kg)	
Machine Weight	50600 lb (23000 kg)	
Machine Dimensions (LxWxH)	299.2" x 209.8" x 128" (7600 x 5330 x 3250 mm)	

VERTICAL MACHINING CENTERS

MACHINING CENTERS



Item	VMC-1300	VMC-1300HD
Table Working Surface	59" x 28" (1500 x 710 mm)	
X-Y-Z Travel	51" x 33.5" x 31.5" (1300 x 850 x 800 mm)	51" x 33.5" x 28" (1300 x 850 x 710 mm)
Spindle Motor	No.40: 11 / 7.5kW	No.50: 18.5 / 15kW
X-Y-Z Rapid Traverse	18 / 18 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.)	
	No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	7100 lb (3270 kg)	
Machine Weight	29700 lb (13500 kg)	
Machine Dimensions (LxWxH)	149.6" x 178.1" x 137" (3800 x 4525 x 3480 mm)	



Item	VMC-1300-2H
Table Working Surface	59" x 28" (1500 x 710 mm)
X-Y-Z Travel	51" x 33.5" x 28" (1300 x 850 x 710 mm)
Spindle Motor	No.40: 15 / 11kW
X-Y-Z Rapid Traverse	18 / 18 / 12 m/min
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.)
	No.50: Armless 20 (Arm Type 24 / 32 Opt.)
Table Load Capacity	7100 lb (3270 kg)
Machine Weight	30800 lb (14000 kg)
Machine Dimensions (LxWxH)	149.6" x 178.1" x 126" (3800 x 4525 x 3200 mm)

Item	VMC-2000S	VMC-2000SHD
Table Working Surface	86.6" x 39.4" (2200 x 1000 mm)	
X-Y-Z Travel	80.7" x 43.3" x 31.5" (2050 x 1100 x 800 mm)	
Spindle Motor	No.40: 11 / 7.5kW	No.50: 18.5 / 15kW
X-Y-Z Rapid Traverse	15 / 15 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.) No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	10500 lb (4800 kg)	
Machine Weight	44000 lb (20000 kg)	
Machine Dimensions (LxWxH)	216.5" x 209.8" x 128" (5500 x 5330 x 3250 mm)	



OPTIONAL ACCESSORIES

- Tool presetter
- CNC rotary table
- Automatic pallet changer (for VMC-1300/HD, 1600/HD)
- 10000~40000 rpm (No. 40)
- High pressure coolant thru tool tip or spindle
- Chain type chip conveyor



Item	VMC-1600	VMC-1600HD
Table Working Surface	70.9" x 30.3" (1800 x 770 mm)	
X-Y-Z Travel	63" x 33.5" x 31.5" (1600 x 850 x 800 mm)	63" x 33.5" x 28" (1600 x 850 x 710 mm)
Spindle Motor	No.40: 11 / 7.5kW	No.50: 18.5 / 15kW
X-Y-Z Rapid Traverse	18 / 18 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.) No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	10000 lb (4600 kg)	
Machine Weight	38500 lb (17500 kg)	
Machine Dimensions (LxWxH)	177.2" x 178.1" x 137" (4500 x 4525 x 3480 mm)	



Item	VMC-1600S	VMC-1600SHD
Table Working Surface	70.9" x 39.4" (1800 x 1000 mm)	
X-Y-Z Travel	63" x 43.3" x 31.5" (1600 x 1100 x 800 mm)	
Spindle Motor	No.40: 11 / 7.5kW	No.50: 18.5 / 15kW
X-Y-Z Rapid Traverse	18 / 18 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Armless 24 (Arm Type 24 / 32 Opt.) No.50: Armless 20 (Arm Type 24 / 32 Opt.)	
Table Load Capacity	10000 lb (4600 kg)	
Machine Weight	40920 lb (18600 kg)	
Machine Dimensions (LxWxH)	177.2" x 209.8" x 128" (4500 x 5330 x 3250 mm)	

HORIZONTAL AND VERTICAL & HORIZONTAL MACHINING CENTERS



HMC-500

EA72121

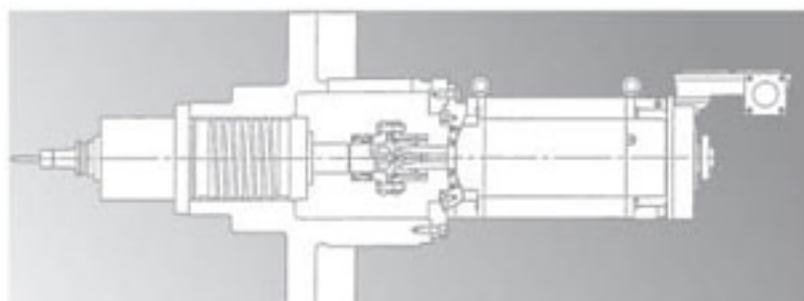
Item	HMC-500	HMC-500H
Table Working Surface	19.7" x 24.8" (500 x 630 mm)	
X-Y-Z Travel	30" x 26" x 26" (762 x 660 x 660 mm)	
Spindle Motor	HSK, A63: 18.5 / 15 kW No.50, HSK A100: 22 / 18.5 kW	
X-Y-Z Rapid Traverse	32 / 32 / 32 m/min	
Spindle Taper / No. of Tools	HSK A63: Arm Type 60 (80 / 120 Opt.)	No.50, HSK A100: Arm Type 60 (80 / 120 Opt.)
Table Load Capacity	1210 lb (550 kg)	
Machine Weight	24200 lb (11000 kg)	
Machine Dimensions (LxWxH)	225.4" x 142.3" x 124" (5725 x 3615 x 3150 mm)	



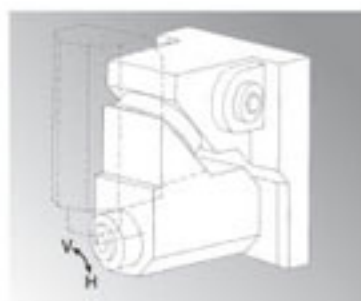
HMC-630

EA72121

Item	HMC-630	HMC-630H
Table Working Surface	24.8" x 31.5" (630 x 800 mm)	
X-Y-Z Travel	40" x 32" x 35" (1016 x 813 x 890 mm)	
Spindle Motor	HSK A63: 18.5 / 15 kW No.50, HSK A100: 22 / 18.5 kW	
X-Y-Z Rapid Traverse	24 / 24 / 24 m/min	
Spindle Taper / No. of Tools	HSK A63: Arm Type 60 (80 / 120 Opt.)	No.50, HSK A100: Arm Type 60 (80 / 120 Opt.)
Table Load Capacity	2640 lb (1200 kg)	
Machine Weight	39600 lb (18000 kg)	
Machine Dimensions (LxWxH)	223" x 157.5" x 131.5" (5660 x 4000 x 3340 mm)	



Motor Direct Driving Spindle for HMC-500/500H/630/630H



Vertical / Horizontal Head



Rotary-type Automatic Pallet Changer for HMC-500/500H/630/630H

OPTIONAL ACCESSORIES

- Tool presetter
- High pressure coolant tool tip
- High pressure coolant thru spindle
- Linear scale
- 80, 120 tools ATC
- 6 or 12 pallets
- Rotary table (0.001")
- High speed spindle (Built-in motor)

EA72121

Item	VHMC-630
Table Working Surface	24.8" x 24.8" (630 x 630 mm)
X-Y-Z Travel	39.4" x 31.5" x 37.4" (1000 x 800 x 950 mm)
Spindle Motor	15 / 11 kW Built-in
X-Y-Z Rapid Traverse	18 / 10 / 18 m/min
Spindle Taper / No. of Tools	No.50: Arm Type 60 (80 / 120 Opt.)
Table Load Capacity	2640 lb (1200 kg)
Machine Weight	46200 lb (21000 kg)
Machine Dimensions (LxWxH)	208.9" x 125.9" x 139.8" (5305 x 3200 x 3550 mm)

Item	HMC-800H
Table Working Surface	31.5" x 39.4" (800 x 1000 mm)
X-Y-Z Travel	50" x 40" x 40" (1270 x 1016 x 1016 mm)
Spindle Motor	No.50: 26 / 22 kW
X-Y-Z Rapid Traverse	20 / 20 / 20 m/min
Spindle Taper / No. of Tools	No.50, HSK A100: Arm Type 60 (80 / 120 Opt.)
Table Load Capacity	4400 lb (2000 kg)
Machine Weight	41800 lb (19000 kg)
Machine Dimensions (LxWxH)	259.8" x 169.3" x 130.7" (6600 x 4300 x 3320 mm)

Item	HMC-1000H
Table Working Surface	39.4" x 39.4" (1000 x 1000 mm)
X-Y-Z Travel	65" x 50" x 48" (1650 x 1270 x 1220 mm)
Spindle Motor	No.50: 26 / 22 kW
X-Y-Z Rapid Traverse	20 / 20 / 20 m/min
Spindle Taper / No. of Tools	No.50, HSK A100: Arm Type 60 (80 / 120 Opt.)
Table Load Capacity	5500 lb (2500 kg)
Machine Weight	48400 lb (22000 kg)
Machine Dimensions (LxWxH)	263.8" x 208.7" x 161.8" (6700 x 5300 x 4110 mm)



VHMC-630



DMC-900H



Item

**No. 40 DMC-900
No. 50 DMC-900H**

Table Working Surface	39.4" x 33.5" (1000x850 mm)
X Axis Travel	35.43" (900 mm)
Y Axis Travel	35.43" (900 mm)
Z Axis Travel	30" (762 mm)
Spindle Motor	No.40: 11 / 7.5 kW Auto Hi-Lo Gear (Std.) 18 kW Built-in (Opt.) for DMC-900 No.50: 18.5 / 15 kW Auto Hi-Lo Gear (Std.) 32 kW Built-in (Opt.) for DMC-900H
X-Y-Z Rapid Traverse	24 / 24 / 12 m/min
Spindle Taper / No. of Tools	No.40: Arm Type 24 (32 Opt.) No.50: Arm Type 24 (32 / 40 Opt.)
Table Load Capacity	6600 lb (3000 kg)
Machine Weight	22000 lb (10000 kg)
Machine Dimensions (LxWxH)	177" x 118" x 148" (4490 x 3000 x 3750 mm)

D

DOUBLE COLUMN 3-5 AXIS MACHINING CENTERS



DMC-3100H



Item

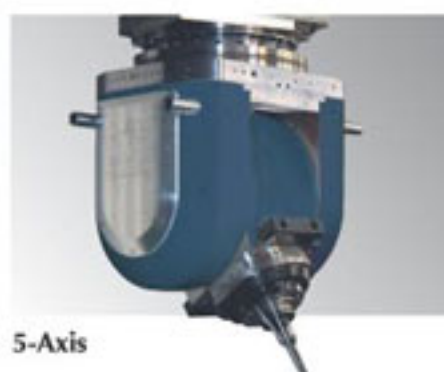
**No. 40 DMC-3100
No. 50 DMC-3100H**

Table Working Surface	130" x 43.3" (3200 x 1100 mm)
X Axis Travel	120" (3050 mm)
Y Axis Travel	51.2" (1300 mm)
Z Axis Travel	31.5" (800 mm)
Spindle Motor	No.40: 11 / 7.5 kW Auto Hi-Lo Gear(Std.) 18 kW Built-in (Opt.) for DMC-3100 No.50: 18.5 / 15 kW Auto Hi-Lo Gear(Std.) 32 kW Built-in (Opt.) for DMC-3100H
X-Y-Z Rapid Traverse	12 / 15 / 12 m/min
Spindle Taper / No. of Tools	No.40: Arm Type 24 (32 Opt.) No.50: Arm Type 24 (32 / 40 Opt.)
Table Load Capacity	13200 lb (6000 kg)
Machine Weight	59000 lb (26800 kg)
Machine Dimensions (LxWxH)	333" x 130" x 149.6" (8465 x 3300 x 3800 mm)

Item	No. 40 DMC-1200 No. 50 DMC-1200H	DMC-1500 DMC-1500H	DMC-1600 DMC-1600H	DMC-2100 DMC-2100H
Table Working Surface	51.2" x 33.5" (1300 x 850 mm)	63" x 33.5" (1600 x 850 mm)	66.9" x 43.3" (1700 x 1100 mm)	86.6" x 43.3" (2200 x 1100 mm)
X Axis Travel	47.2" (1200 mm)	59.1" (1500 mm)	63" (1600 mm)	80.7" (2050 mm)
Y Axis Travel	35.43" (900 mm)	35.43" (900 mm)	51.2" (1300 mm)	51.2" (1300 mm)
Z Axis Travel	30" (762 mm)	30" (762 mm)	31.5" (800 mm)	31.5" (800 mm)
Spindle Motor	No.40: 11 / 7.5 kW Auto Hi-Lo Gear (Std.) 18 kW Built-in (Opt.) for DMC-1200/1500/1600/2100 No.50: 18.5 / 15 kW Auto Hi-Lo Gear (Std.) 32 kW Built-in (Opt.) for DMC-1200H/1500H/1600H/2100H			
X-Y-Z Rapid Traverse	24 / 24 / 12 m/min		15 / 15 / 12 m/min	
Spindle Taper / No. of Tools	No.40: Arm Type 24 (32 Opt.) No.50: Arm Type 24 (32 / 40 Opt.)			
Table Load Capacity	8360 lb (3800 kg)	10120 lb (4600 kg)	13200 lb (6000 kg)	
Machine Weight	26400 lb (12000 kg)	33000 lb (15000 kg)	45000 lb (20400 kg)	52000 lb (23600 kg)
Machine Dimensions (LxWxH)	186" x 118" x 148" (4735 x 3000 x 3750 mm)	196" x 118" x 148" (4980 x 3000 x 3750 mm)	218" x 130" x 149.6" (5540 x 3300 x 3800 mm)	255" x 130" x 149.6" (6465 x 3300 x 3800 mm)

OPTIONAL ACCESSORIES

- Tool presetter
- High pressure coolant thru tool tip
- High pressure coolant thru spindle
- Work piece measuring system
- Linear scale
- 32 / 40 tools ATC (BT-50 / CAT-50)
- 32 tools ATC (BT-40 / HSK A63)
- 10000 rpm for HSK A100 high speed spindle (Built-in motor)
- 20000 rpm for HSK A63 spindle
- 5-axis head (High speed spindle)



5-Axis



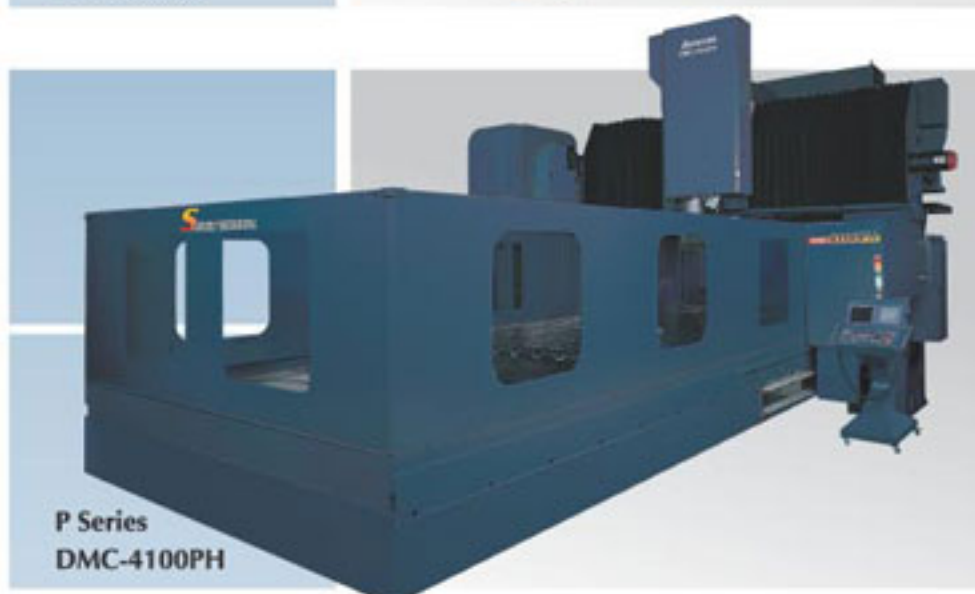
Item

No. 40 DMC-2600S No. 50 DMC-2600SH

Table Working Surface	106.2" x 59" (2700 x 1500 mm)
X Axis Travel	102.4" (2600mm)
Y Axis Travel	70" (1778 mm)
Z Axis Travel	31.5" (800 mm)
Spindle Motor	No.40: 11 / 7.5 kW Auto Hi-Lo Gear (Std.) 17 kW Built-in (Opt.) for DMC-2600S No.50: 26 / 22 kW Auto Hi-Lo Gear (Std.) 32 kW Built-in (Opt.) for DMC-2600SH
X-Y-Z Rapid Traverse	12 / 12 / 12 m/min
Spindle Taper / No. of Tools	No.40: Arm Type 24 (32 / 40 Opt.) No.50: Arm Type 24 (32 / 40 Opt.)
Table Load Capacity	22000 lb (10000 kg)
Machine Weight	68640 lb (31200 kg)
Machine Dimensions (LxWxH)	298.6" x 160" x 150" (7585 x 4065 x 3800 mm)



S Series
DMC-2600S



P Series
DMC-4100PH

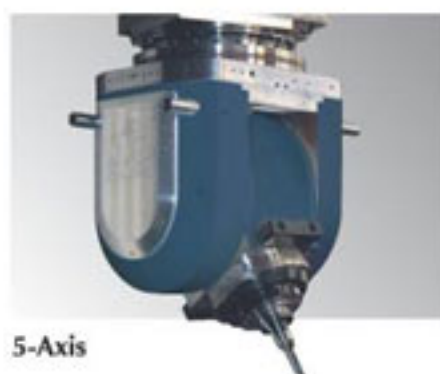
Item	No. 40 DMC-2100S No. 50 DMC-2100SH	DMC-3100S DMC-3100SH	DMC-3100P DMC-3100PH	DMC-4100P DMC-4100PH
Table Working Surface	86.6" x 59" (2200 x 1500 mm)	130" x 59" (3200 x 1500 mm)	130" x 80.7" (3200 x 2050 mm)	165.3" x 80.7" (4200 x 2050 mm)
X Axis Travel	82.7" (2100 mm)	122" (3100 mm)	122" (3100 mm)	161.4" (4100 mm)
Y Axis Travel	70" (1778 mm)		90.5" (2300 mm)	
Z Axis Travel	31.5" (800 mm)		31.5" (800 mm)	
Spindle Motor	No.40: 11 kW / 7.5 kW Auto Hi-Lo Gear (Std.) 17 kW Built-in (Opt.) for DMC-2100S/3100S/3100P/4100P No.50: 26 kW / 22 kW Auto Hi-Lo Gear (Std.) 32 kW Built-in (Opt.) for DMC-2100SH/3100SH/3100PH/4100PH			
X-Y-Z Rapid Traverse	12 / 12 / 12 m/min			
Spindle Taper / No. of Tools	No.40: Arm Type 24 (32 / 40 Opt.) No.50: Arm Type 24 (32 / 40 Opt.)			
Table Load Capacity	22000 lb (10000 kg)			
Machine Weight	65120 lb (29600 kg)	72160 lb (32800 kg)	77000 lb (35000 kg)	90200 lb (41000 kg)
Machine Dimensions (LxWxH)	259.3" x 160" x 150" (6585 x 4065 x 3800 mm)	338" x 160" x 150" (8585 x 4065 x 3800 mm)	347.4" x 176" x 155.1" (8825 x 4470 x 3940 mm)	426.2" x 176" x 155.1" (10825 x 4470 x 3940 mm)



DMC-4000
5-Face Machining Center



5-Face



5-Axis

DOUBLE (FIXED/MOVING) COLUMN (5-AXIS/5-FACE) MACHINING CENT MACHINING CENTERS



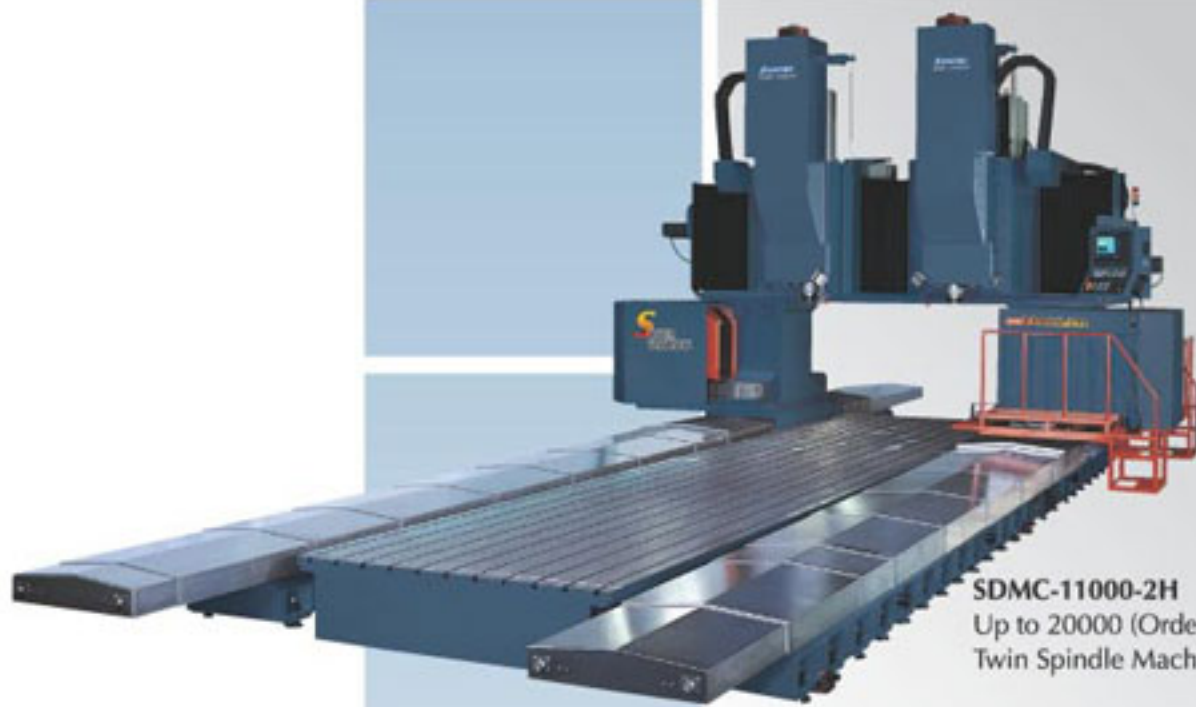
DMC-4000
5-Axis and 5-Face Machining
Center Available



Item	DMC-3000
Table Working Surface	125.9" x 86.6" (3200 x 2200 mm)
X Axis Travel	118.1" (3000 mm)
Y Axis Travel	104.3" (2650 mm)
Z Axis Travel	31.5" (800 mm) Std. ; 42" (1066 mm) Opt.
Spindle Motor	26 / 22 kW
X-Y-Z Rapid Traverse	12 / 12 / 10 m/min
Spindle Taper / No. of Tools	No.50: Arm Type 40 (60 / 80 / 120 Opt.)
Table Load Capacity	13200 lb to 44000 lb (6000 kg to 20000 kg)
Machine Weight	128700 lb (58500 kg)
Machine Dimensions (LxWxH)	349.2" x 233.6" x 193" (8870 x 5935 x 4400 mm)



Item	DMC-4000
Table Working Surface	165.3" x 86.6" (4200 x 2200 mm)
X Axis Travel	157.4" (4000 mm)
Y Axis Travel	104.3" (2650 mm)
Z Axis Travel	31.5" (800 mm) Std. ; 42" (1066 mm) Opt.
Spindle Motor	26 / 22 kW
X-Y-Z Rapid Traverse	12 / 12 / 10 m/min
Spindle Taper / No. of Tools	No.50: Arm Type 40 (60 / 80 / 120 Opt.)
Table Load Capacity	13200 lb to 44000 lb (6000 kg to 20000 kg)
Machine Weight	145640 lb (66200 kg)
Machine Dimensions (LxWxH)	428" x 233.6" x 212.6" (10870 x 5935 x 4800 mm)



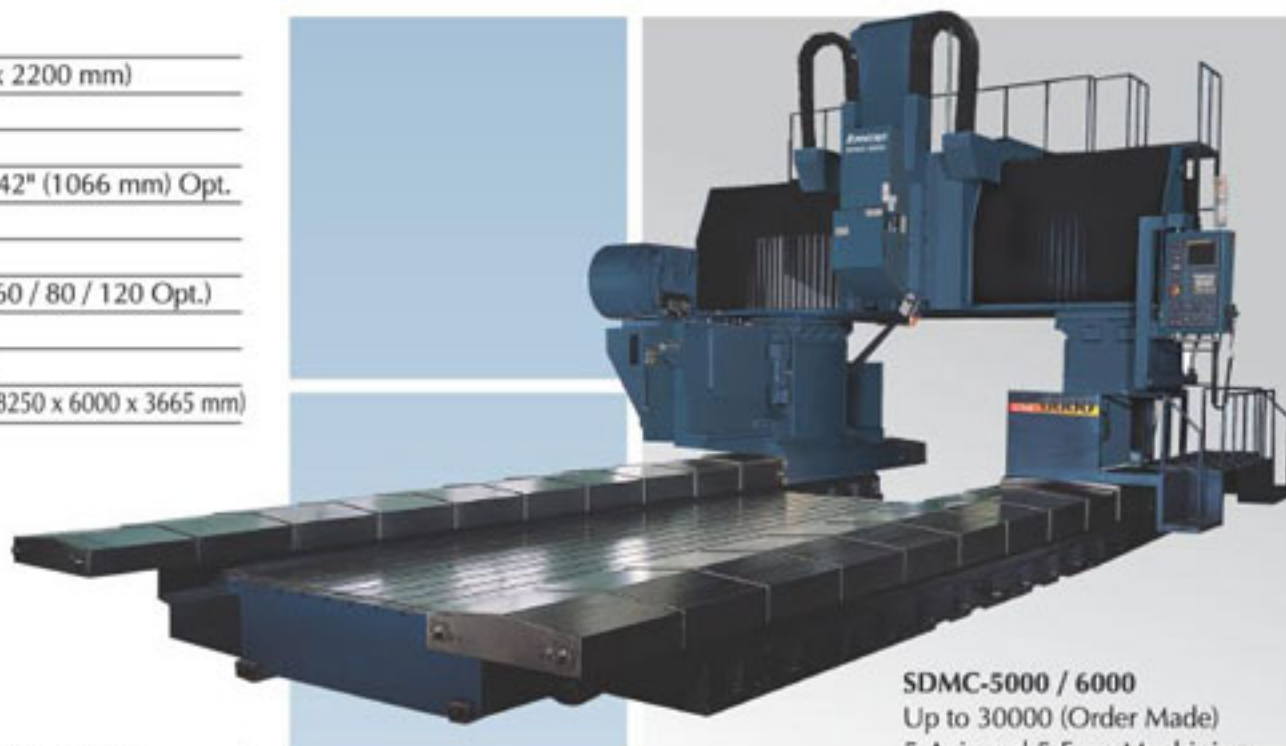
SDMC-11000-2H
Up to 20000 (Order Made)
Twin Spindle Machining Center

OPTIONAL ACCESSORIES

- Tool presetter
- High pressure coolant thru tool tip
- High pressure coolant thru spindle
- 60, 80, 120 tools ATC
- Work piece measuring method
- 5-face head
- 5-axis head
- Twin spindle-2H

EA72120

Item	SDMC-5000
Table Working Surface	196.8" x 86.6" (5000 x 2200 mm)
X Axis Travel	196.8" (5000 mm)
Y Axis Travel	110.2" (2800 mm)
Z Axis Travel	31.5" (800 mm) Std. ; 42" (1066 mm) Opt.
Spindle Motor	26 / 22 kW
X-Y-Z Rapid Traverse	10 / 10 / 10 m/min
Spindle Taper / No. of Tools	No.50: Arm Type 40 (60 / 80 / 120 Opt.)
Table Load Capacity	Unlimited
Machine Weight	115940 lb (52700 kg)
Machine Dimensions (LxWxH)	324.8" x 236.2" x 144.2" (8250 x 6000 x 3665 mm)



SDMC-5000 / 6000
Up to 30000 (Order Made)
5-Axis and 5-Face Machining
Center Available

EA72120

Item	SDMC-6000
Table Working Surface	236.2" x 86.6" (6000 x 2200 mm)
X Axis Travel	236.2" (6000 mm)
Y Axis Travel	110.2" (2800 mm)
Z Axis Travel	31.5" (800 mm) Std. ; 42" (1066 mm) Opt.
Spindle Motor	26 / 22 kW
X-Y-Z Rapid Traverse	10 / 10 / 10 m/min
Spindle Taper / No. of Tools	No.50: Arm Type 40 (60 / 80 / 120 Opt.)
Table Load Capacity	Unlimited
Machine Weight	130680 lb (59400 kg)
Machine Dimensions (LxWxH)	374" x 236.2" x 144.2" (9500 x 6000 x 3665 mm)

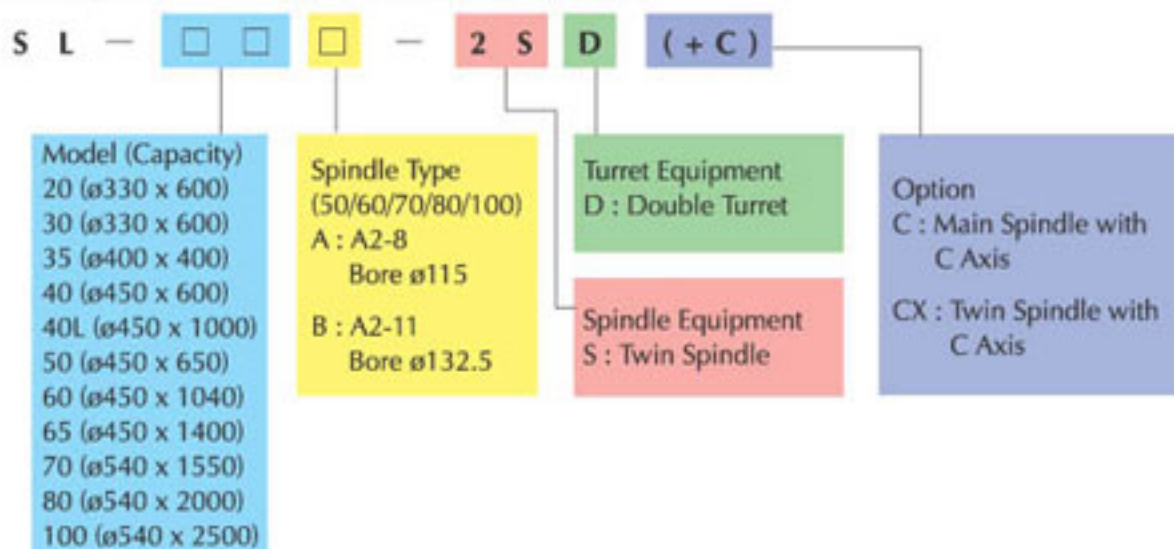


EA72110

Item	SL-20	SL-30
Swing Over Cross Slide	13" (330 mm)	13" (330 mm)
Spindle Bore / Spindle Nose	55 mm / A2-5	65 mm / A2-6
Spindle Motor	7.5 / 5.5 kW	15 / 11 kW
Spindle Speed Steps	One Speed	
No. of Tools	12	
Rapid Traverse	X: 24 / Z: 24 m/min	
Machine Weight	8360 lb (3800 kg)	8800 lb (4000 kg)
Machine Dimensions (WxHxL)	74.8" x 74.8" x 92.5" (1900 x 1900 x 2350 mm)	

S SLANT-BED CNC LATHES

SL SERIES DESIGN SL=SUPER LATHE CENTER



EA72110

Item	SL-40	SL-40L
Swing Over Cross Slide	17.7" (450 mm)	
Spindle Bore / Spindle Nose	86 mm / A2-8	
Spindle Motor	15 / 11 kW	
Spindle Speed Steps	One Speed	
No. of Tools	12	
Rapid Traverse	X: 20 / Z: 20 m/min	
Machine Weight	9912 lb (4500 kg)	12115 lb (5500 kg)
Machine Dimensions (WxHxL)	74.8" x 74.8" x 114.1" (1900 x 1900 x 2900 mm)	74.8" x 74.8" x 137.7" (1900 x 1900 x 3500 mm)

Item	SL-35
Swing Over Cross Slide	13.8" (350 mm)
Spindle Bore / Spindle Nose	65 mm / A2-6
Spindle Motor	15 / 11 kW
Spindle Speed Steps	One Speed
No. of Tools	12
Rapid Traverse	X: 20 / Z: 20 m/min
Machine Weight	9240 lb (4200 kg)
Machine Dimensions (WxHxL)	72.8" x 78.7" x 92.5" (1850 x 2000 x 2350 mm)

Item	SL-35-2S (Sub-spindle)
Swing Over Cross Slide	11" (280mm)
Spindle Bore / Spindle Nose	66 mm / A2-6
Spindle Motor	11 / 9 kW
Spindle Speed Steps	One Speed
No. of Tools	12
Rapid Traverse	X1: 16 / Z1: 20 / Z2: 24 m/min
Sub-spindle Bar Capacity / Spindle Nose	42 mm / A2-5
Sub-spindle Motor	7.5 / 5.5 kW
Sub-spindle Speed	6000 rpm
Machine Weight	14300 lb (6500kg)
Machine Dimensions (WxHxL)	62.2" x 78.7" x 145.6" (1850 x 2000 x 3700 mm)



SL-35

OPTIONAL ACCESSORIES

- C-axis (C.S axis with angle encoder but no gear box / C.F axis with gear box)
- Rotary tailstock
- Touch sensor
- Bar feeder interface (or bar feeder)
- Parts catcher

Item	SL-50
Swing Over Cross Slide	17.7" (450 mm)
Spindle Bore / Spindle Nose	86 mm / A2-8
Spindle Motor	18.5 / 15 kW
Spindle Speed Steps	Auto Hi-Lo
No. of Tools	12
Rapid Traverse	X: 15 / Z: 18 m/min
Machine Weight	13800 lb (6200 kg)
Machine Dimensions (WxHxL)	90.5" x 81.1" x 187.9" (2300 x 2060 x 4775 mm)

Item	SL-50A	SL-50B
Swing Over Cross Slide	17.7" (450 mm)	
Spindle Bore / Spindle Nose	115 mm / A2-8	132.5 mm / A2-11
Spindle Motor	26 / 22 kW	
Spindle Speed Steps	Auto Hi-Lo	
No. of Tools	12	
Rapid Traverse	X: 15 / Z: 18 m/min	
Machine Weight	14300 lb (6500 kg)	
Machine Dimensions (WxHxL)	90.5" x 81.1" x 187.9" (2300 x 2060 x 4775 mm)	

Item	SL-50-2S (Sub-spindle)	SL-50A-2S
Swing Over Cross Slide	15" (380 mm)	
Spindle Bore / Spindle Nose	86 mm / A2-8	115 mm / A2-8 / A2-11 (Opt.)
Spindle Motor	18.5 / 15 kW	26 / 22 kW
Spindle Speed Steps	One Step	Auto Hi-Lo
No. of Tools	12	
Rapid Traverse	X1: 15 / Z1: 18 / Z2: 18 m/min	
Sub-spindle Bar Capacity / Spindle Nose	51 mm / A2-6 (Std.) ; 76.5 mm / A2-8 (Opt.)	
Sub-spindle Motor	15 / 11 kW	
Sub-spindle Speed	4500 / 3500 (Opt.) rpm	
Machine Weight	14300 lb (6500 kg)	
Machine Dimensions (WxHxL)	82.6" x 83.5" x 173.2" (2100 x 2120 x 4400 mm)	82.6" x 83.5" x 184" (2100 x 2120 x 4675 mm)



SL-50 / 50A / 50B
Sub-spindle Available

Item	SL-50-2SD (Sub-spindle & Double turret)	SL-60-2SD	SL-60A-2SD
Swing Over Cross Slide	12.6" (320 mm)		
Spindle Bore / Spindle Nose	86 mm / A2-8		115 mm / A2-8 / A2-11 (Opt.)
Spindle Motor	18.5 / 15 kW		26 / 22 kW
Spindle Speed Steps	One Step		Auto Hi-Lo
No. of Tools	12 / 12		
Rapid Traverse	X1: 20 m/min, Z1: 24 / Z2: 20 m/min		
Sub-spindle Bar Capacity / Spindle Nose	51 mm / A2-6	51 mm / A2-6 ; 76.5 mm / A2-8 (Opt.)	
Sub-spindle Motor	15 / 11 kW		
Sub-spindle Speed	4500 rpm	4500 / 3500 (Opt.) rpm	
Machine Weight	17600 lb (8000 kg)	22000 lb (10000 kg)	24200 lb (11000 kg)
Machine Dimensions (WxHxL)	82.6" x 83.5" x 173.2" (2100 x 2120 x 4400 mm)	86.6" x 83.1" x 240.2" (2200 x 2110 x 6100 mm)	

SL-70A / 80A / 100A
SL-70B / 80A / 100B
Sub-spindle Available



Item	SL-70A-2S Sub-spindle	SL-80A-2S	SL-100A-2S
Swing Over Cross Slide	21.3" (540 mm)		
Spindle Bore / Spindle Nose	115 mm / A2-8 / A2-11 (Opt.)		
Spindle Motor	26 / 22 kW		
Spindle Speed Steps	Auto Hi-Lo		
No. of Tools	12		
Rapid Traverse	X1: 12 ; Z1 / Z2: 15 m/min		
Sub-spindle Bar Capacity / Spindle Nose	51 mm / A2-6 (Std.) ; 76.5 mm / A2-8 (Opt.)		
Sub-spindle Motor	15 / 11 kW		
Sub-spindle Speed	4500 / 3500 (Opt.) rpm		
Machine Weight	30800 lb (14000 kg)	31900 lb (14500 kg)	33000 lb (15000 kg)
Machine Dimensions (WxHxL)	99.2" x 86.6" x 215.9" (2520 x 2200 x 5485 mm)	99.2" x 86.6" x 235.6" (2520 x 2200 x 5985 mm)	99.2" x 86.6" x 255.3" (2520 x 2200 x 6485 mm)

EA72110

Item	SL-70A	SL-80A
Swing Over Cross Slide	21.3" (540 mm)	
Spindle Bore / Spindle Nose	115 mm / A2-8 / A2-11 (Opt.)	
Spindle Motor	26 / 22 kW	
Spindle Speed Steps	Auto Hi-Lo	
No. of Tools	12	
Rapid Traverse	X: 12 / Z: 15 m/min	
Machine Weight	30800 lb (14000 kg)	33000 lb (15000 kg)
Machine Dimensions (WxHxL)	98.6" x 85.6" x 215.9" (2500 x 2200 x 5485 mm)	98.6" x 85.6" x 235.6" (2500 x 2200 x 5985 mm)

Item	SL-80B	SL-100B
Swing Over Cross Slide	21.3" (540 mm)	
Spindle Bore / Spindle Nose	132.5 mm / A2-11	
Spindle Motor	26 / 22 kW	
Spindle Speed Steps	Auto 4-speeds	
No. of Tools	12	
Rapid Traverse	X: 12 / Z: 15 m/min	
Machine Weight	33000 lb (15000 kg)	35200 lb (16000 kg)
Machine Dimensions (WxHxL)	98.4" x 86.6" x 235.6" (2500 x 2200 x 5985 mm)	98.4" x 86.6" x 255.3" (2500 x 2200 x 6485 mm)

Item	SL-100A	SL-70B
Swing Over Cross Slide	21.3" (540 mm)	
Spindle Bore / Spindle Nose	115 mm / A2-8 / A2-11 (Opt.)	132.5 mm / A2-11
Spindle Motor	26 / 22 kW	
Spindle Speed Steps	Auto Hi-Lo	Auto 4-speeds
No. of Tools	12	
Rapid Traverse	X: 12 / Z: 15 m/min	
Machine Weight	35200 lb (16000 kg)	30800 lb (14000 kg)
Machine Dimensions (WxHxL)	98.6" x 85.6" x 255.3" (2500 x 2200 x 6485 mm)	98.4" x 86.6" x 215.9" (2500 x 2200 x 5485 mm)

SLANT-BED CNC LATHES

SL-60 / 60A / 60B SL-65 / 65A / 65B
Sub-spindle / Double Turret Available



Item	SL-60-2S Sub-spindle	SL-60A-2S
Swing Over Cross Slide	17.7" (450 mm) / 15" (380 mm) (Y-axis)	
Spindle Bore / Spindle Nose	86 mm / A2-8	115 mm / A2-8 / A2-11 (Opt.)
Spindle Motor	18.5 / 15 kW	26 / 22 kW
Spindle Speed Steps	One step	Auto Hi-Lo
No. of Tools	12	
Rapid Traverse	X1: 15 ; Z1 / Z2: 18 m/min	
Sub-spindle Bar Capacity / Spindle Nose	51 mm / A2-6 (Std.) ; 76.5 mm / A2-8 (Opt.)	
Sub-spindle Motor	15 / 11 kW	
Sub-spindle Speed	4500 / 3500 (Opt.) rpm	
Machine Weight	17160 lb (7800 kg)	
Machine Dimensions (WxHxL)	82.6" x 83.5" x 205.1" (2100 x 2120 x 5210 mm)	82.6" x 83.5" x 218.1" (2100 x 2120 x 5540 mm)

EA72110

Item	SL-60	SL-60A
Swing Over Cross Slide	17.7" (450 mm)	
Spindle Bore / Spindle Nose	86 mm / A2-8	115 mm / A2-8 / A2-11 (Opt.)
Spindle Motor	18.5 / 15 kW	26 / 22 kW
Spindle Speed Steps	Auto Hi-Lo	
No. of Tools	12	
Rapid Traverse	X: 15 / Z: 18 m/min	
Machine Weight	15840 lb (7200 kg)	
Machine Dimensions (WxHxL)	84.9" x 88.5" x 200.9" (2158 x 2250 x 5103 mm)	

Item	SL-60B	SL-65
Swing Over Cross Slide	17.7" (450 mm)	
Spindle Bore / Spindle Nose	132.5 mm / A2-11	86 mm / A2-8
Spindle Motor	26 / 22 kW	18.5 / 15 kW
Spindle Speed Steps	Auto Hi-Lo	
No. of Tools	12	
Rapid Traverse	X: 15 / Z: 18 m/min	
Machine Weight	16500 lb (7500 kg)	
Machine Dimensions (WxHxL)	84.9" x 88.5" x 200.9" (2158 x 2250 x 5103 mm)	82.7" x 83.5" x 205.1" (2100 x 2120 x 5210 mm)

Item	SL-65A	SL-65B
Swing Over Cross Slide	17.7" (450 mm)	
Spindle Bore/Spindle Nose	115 mm / A2-8 / A2-11 (Opt.)	132.5 mm / A2-11
Spindle Motor	26 / 22 kW	
Spindle Speed Steps	Auto Hi-Lo	
No. of Tools	12	
Rapid Traverse	X: 15 / Z: 18 m/min	
Machine Weight	16500 lb (7500 kg)	17160 lb (7800 kg)
Machine Dimensions (WxHxL)	82.7" x 83.5" x 218.1" (2100 x 2120 x 5540 mm)	



HT-40A-2D
Twin Turrets with Tailstock



HT-40A-2SD
Twin Spindles / Twin Turrets

HT SERIES DESIGN

HT — □ □ □ — 2 □ □ (+C)

Z Axis Travel
40-1000 mm (40")
60-1500 mm (60")
80-2000 mm (80")

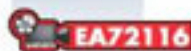
Spindle Size
A: A2-8
Bore=ø115
B: A2-11
Bore=ø132.5
C: A2-15
Bore=ø152

Option
C: C Axis
(Live Tooling)

Turret Equipment
D: Twin Turret

Spindle Equipment
S: Twin Spindle

Multiple Configurations to Match Any Need HIGH QUALITY TURNING CENTERS LATHES



Item	HT-40A	HT-60A	HT-80A
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore / Spindle Nose	115 mm / A2-8		
Spindle Motor	26 / 22 kW (Std.)		
Spindle Speed Steps	3000 rpm (12") Auto Hi-Lo , 2000 rpm (15") Auto Hi-Lo		
No. of Tools	12		
Rapid Traverse	X: 12 ; Z: 15 m/min		
Machine Weight	33000 lb (15000 kg)	37400 lb (17000 kg)	41800 lb (19000 kg)
Machine Dimensions (WxHxL)	136.6" x 111.8" x 204.7" (3470 x 2840 x 5200 mm)	136.6" x 111.8" x 220.5" (3470 x 2840 x 5600 mm)	136.6" x 111.8" x 236.2" (3470 x 2840 x 6000 mm)

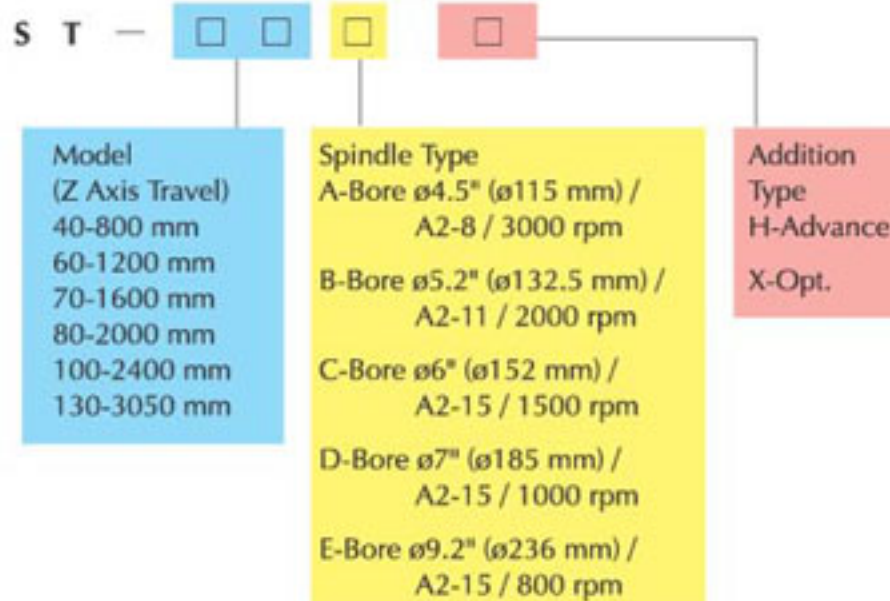
Item	HT-40B	HT-60B	HT-80B
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore / Spindle Nose	132.5 mm / A2-11		
Spindle Motor	26 / 22 kW (Std.) , 37 / 30 kW (Opt.)		
Spindle Speed Steps	1700 rpm (15") Auto Hi-Lo , 1624 rpm (18") Auto 4-speeds(Opt.)		
No. of Tools	12		
Rapid Traverse	X: 12 ; Z: 15 m/min		
Machine Weight	33110 lb (15050 kg)	37510 lb (17050 kg)	41910 lb (19050 kg)
Machine Dimensions (WxHxL)	136.6" x 111.8" x 204.7" (3470 x 2840 x 5200 mm)	136.6" x 111.8" x 220.5" (3470 x 2840 x 5600 mm)	136.6" x 111.8" x 236.2" (3470 x 2840 x 6000 mm)

Item	HT-40C	HT-60C	HT-80C
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore/Spindle Nose	152 mm / A2-15		
Spindle Motor	37 / 30 kW (Std.) , 45 / 37 kW (Opt.)		
Spindle Speed Steps	1500 rpm (21") Auto 4-speeds , 1200 rpm (24") Auto 4-speeds (Opt.)		
No. of Tools	12		
Rapid Traverse	X: 12 ; Z: 15 m/min		
Machine Weight	33220 lb (15100 kg)	37620 lb (17100 kg)	42020 lb (19100 kg)
Machine Dimensions (WxHxL)	136.6" x 111.8" x 204.7" (3470 x 2840 x 5200 mm)	136.6" x 111.8" x 220.5" (3470 x 2840 x 5600 mm)	136.6" x 111.8" x 236.2" (3470 x 2840 x 6000 mm)

OPTIONAL ACCESSORIES

- C-axis (C.S axis without gear box / C.F axis with gear box)
- Touch sensor
- Twin spindle + twin turret
- Steady rest

ST SERIES DESIGN ST= SUPER TURNING CENTER



SUPER TURNING CENTERS LATHES



Item	ST-40A	ST-60A	ST-70A
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore / Spindle Nose	115 mm / A2-8		
Spindle Motor	26 / 22 kW (Std.)		
Spindle Speed Steps	Auto Hi-Lo (Std.)		
No. of Tools	12		
Rapid Traverse	X: 15 ; Z: 18 m/min		
Machine Weight	24200 lb (11000 kg)	26400 lb (12000 kg)	28820 lb (13100 kg)
Machine Dimensions (WxHxL)	90.7" x 109" x 238.5" (2305 x 2770 x 6060 mm)	90.7" x 109" x 254.3" (2305 x 2770 x 6460 mm)	90.7" x 109" x 270" (2305 x 2770 x 6860 mm)

Item	ST-40B	ST-60B	ST-70B
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore / Spindle Nose	132.5 mm / A2-11		
Spindle Motor	26 / 22 kW (Std.) , 37 / 30 kW (Opt.)		
Spindle Speed Steps	Auto 4-speeds		
No. of Tools	12		
Rapid Traverse	X: 15 ; Z: 18 m/min		
Machine Weight	24420 lb (11100 kg)	26620 lb (12100 kg)	29040 lb (13200 kg)
Machine Dimensions (WxHxL)	90.7" x 109" x 238.5" (2305 x 2770 x 6060 mm)	90.7" x 109" x 254.3" (2305 x 2770 x 6460 mm)	90.7" x 109" x 270" (2305 x 2770 x 6860 mm)

Item	ST-40C	ST-60C	ST-70C
Swing Over Cross Slide	23.6" (600 mm)		
Spindle Bore / Spindle Nose	152 mm / A2-15		
Spindle Motor	37 / 30 kW (Std.) , 45 / 37 kW (Opt.)		
Spindle Speed Steps	Auto 4-speeds		
No. of Tools	12		
Rapid Traverse	X: 15 ; Z: 18 m/min		
Machine Weight	24530 lbs (11150 kgs)	28930 lb (13150 kg)	29150 lb (13250 kg)
Machine Dimensions (WxHxL)	90.7" x 109" x 238.5" (2305 x 2770 x 6060 mm)	90.7" x 109" x 254.3" (2305 x 2770 x 6460 mm)	90.7" x 109" x 270" (2305 x 2770 x 6860 mm)



ST-60



ST-80



Item	ST-80B	ST-100B	ST-130B	ST-160B
Swing Over Cross Slide	27.6" (700 mm)			
Spindle Bore / Spindle Nose	132.5 mm / A2-11			
Spindle Motor	26 / 22 kW (Std.) , 37 / 30 kW (Opt.)			
Spindle Speed Steps	Auto 4-speeds			
No. of Tools	12			
Rapid Traverse	X: 10 ; Z: 12 m/min			
Machine Weight	33000 lb (15000 kg)	36300 lb (16500 kg)	44220 lb (20100 kg)	50661 lb (23000 kg)
Machine Dimensions (WxHxL)	93.5" x 109" x 285.8" (2375 x 2770 x 7260 mm)	93.5" x 109" x 301.5" (2375 x 2770 x 7660 mm)	93.5" x 109" x 333" (2375 x 2770 x 8460 mm)	93.5" x 109" x 368" (2375 x 2770 x 9350 mm)

Item	ST-80C	ST-100C	ST-130C	ST-160C
Swing Over Cross Slide	27.6" (700 mm)			
Spindle Bore / Spindle Nose	152 mm / A2-15			
Spindle Motor	37 / 30 kW (Std.) , 45 / 37 kW (Opt.)			
Spindle Speed Steps	Auto 4-speeds			
No. of Tools	12			
Rapid Traverse	X: 10 ; Z: 12 m/min			
Machine Weight	33660 lb (15300 kg)	36960 lb (16800 kg)	44660 lb (20300 kg)	51101 lb (23200 kg)
Machine Dimensions (WxHxL)	93.5" x 109" x 285.8" (2375 x 2770 x 7260 mm)	93.5" x 109" x 301.5" (2375 x 2770 x 7660 mm)	93.5" x 109" x 333" (2375 x 2770 x 8460 mm)	93.5" x 109" x 368" (2375 x 2770 x 9350 mm)

Item	ST-80D	ST-100D	ST-130D	ST-160D
Swing Over Cross Slide	27.6" (700 mm)			
Spindle Bore / Spindle Nose	185 mm / A2-15			
Spindle Motor	37 / 30 kW (Std.) , 45 / 37 kW (Opt.)			
Spindle Speed Steps	Auto 4-speeds			
No. of Tools	12			
Rapid Traverse	X: 10 ; Z: 12 m/min			
Machine Weight	34100 lb (15500 kg)	37400 lb (17000 kg)	45100 lb (20500 kg)	51542 lb (23400 kg)
Machine Dimensions (WxHxL)	93.5" x 109" x 285.8" (2375 x 2770 x 7260 mm)	93.5" x 109" x 301.5" (2375 x 2770 x 7660 mm)	93.5" x 109" x 333" (2375 x 2770 x 8460 mm)	93.5" x 109" x 368" (2375 x 2770 x 9350 mm)



GT SERIES DESIGN

GT — ☐ ☐ ☐ (+C)

Model
(Z Axis Travel)
40=1000 mm
60=1500 mm
80=2000 mm
100=2500 mm
130=3000 mm
160=4000 mm
200=5000 mm
250=6000 mm

Spindle Type
F- Bore ø6" (ø153 mm) /
A2-11 / 1000 rpm
G- Bore ø9" (ø230 mm) /
A2-15 / 700 rpm
H- Bore ø12.5" (ø318 mm) /
A2-20 / 500 rpm
I- Bore ø14" (ø360 mm) /
A2-20 / 400 rpm
J- Bore ø16" (ø410 mm) /
A2-28 / 350 rpm
K- Bore ø21" (ø510 mm) /
A2-28 / 250 rpm

Option
C : C Axis

GT-80

GREAT TURNING CENTERS LATHES

EA72119

Item	GT-40	GT-60	GT-80	GT-100
Swing Over Cross Slide	50" (1270 mm)			
Spindle Bore / Spindle Nose	D: 185 mm / E: 235 mm / F: 255 mm / G: 318 mm / H: 360 mm / I: 410 mm / J: 535 mm / K: 610 mm D, E, F, G: A2-15 / H, I: A2-20 / J: A2-28 / K: A2-32			
Spindle Motor	37 / 30 kW			
Spindle Speed Steps	Auto 4-speeds			
No. of Tools	12			
Rapid Traverse	X: 12 ; Z: 15 m/min			
Machine Weight	39600 lb (18000 kg)	46200 lb (21000 kg)	52800 lb (24000 kg)	59400 lb (27000 kg)
Machine Dimensions (WxHxL)	137.8" x 118.1" x 204.7" (3500 x 3000 x 5200 mm)	137.8" x 118.1" x 220.5" (3500 x 3000 x 5600 mm)	137.8" x 118.1" x 236.2" (3500 x 3000 x 6000 mm)	137.8" x 118.1" x 251.9" (3500 x 3000 x 6400 mm)

EA72119

Item	GT-130	GT-160	GT-200	GT-250
Swing Over Cross Slide	50" (1270 mm)			
Spindle Bore / Spindle Nose	D: 185 mm / E: 235 mm / F: 255 mm / G: 318 mm / H: 360 mm / I: 410 mm / J: 535 mm / K: 610 mm D, E, F, G: A2-15 / H, I: A2-20 / J: A2-28 / K: A2-32			
Spindle Motor	45 / 37 kW			
Spindle Speed Steps	Auto 4-speeds			
No. of Tools	12			
Rapid Traverse	X: 12 ; Z: 15 m/min			
Machine Weight	70400 lb (32000 kg)	81400 lb (37000 kg)	92400 lb (42000 kg)	103400 lb (47000 kg)
Machine Dimensions (WxHxL)	137.8" x 118.1" x 291.3" (3500 x 3000 x 7400 mm)	137.8" x 118.1" x 330.7" (3500 x 3000 x 8400 mm)	137.8" x 118.1" x 370" (3500 x 3000 x 9400 mm)	137.8" x 118.1" x 409.4" (3500 x 3000 x 10400 mm)

EA72102

Item	VTC-200
Max. Turning Diameter	ø9.84" (250 mm)
Max. Turning Height	7.9" (200 mm)
Spindle Motor	11 / 7.5 kW
Spindle Speed, Step(s)	4000 rpm (8") one speed
Cross Travel (X Axis)	11.8" (300 mm)
Vertical Travel (Z Axis)	15.7" (400 mm)
No. of Tools	Gang Type (Std.) Turret: H8 (Opt.)
Rapid Traverse (X / Z Axis)	12 / 24 m/min
Machine Weight	6600 lb (3000 kg)
Machine Dimensions (LxWxH)	97.9" x 50.4" x 98" (2487 x 1280 x 2490 mm)



VTC-200

OPTIONAL ACCESSORIES

- Touch sensor
- Tool holders (VDI & ATC Type)
- C-axis (Live tooling)
- A.P.C.
- A.T.C.
- Finger chuck
- Hydraulic chuck 3, 4, 5, 6 jaws
- High pressure coolant through spindle

VERTICAL TURNING CENTERS LATHES

EA72102

Item	VTC-450
Max. Turning Diameter	ø17.7" (450 mm)
Max. Turning Height	9.8" (250 mm)
Spindle Motor	18.5 / 15 kW
Spindle Speed, Step(s)	2200 rpm (12") Auto Hi-Lo
Cross Travel (X axis)	15.7" (400 mm)
Vertical Travel (Z axis)	19.7" (500 mm)
No. of Tools	Gang Type (Std.) Turret: H6, 8, 10 (Opt.)
Rapid Traverse (X / Z axis)	12 / 24 m/min
Machine Weight	11000 lb (5000 kg)
Machine Dimensions (LxWxH)	122" x 59.1" x 105.5" (3100 x 1500 x 2680 mm)



VTC-450

EA72102

Item	VTC-550
Max. Turning Diameter	ø21.3" (540 mm)
Max. Turning Height	25.6" (650 mm)
Spindle Motor	22 / 18.5 kW
Spindle Speed, Step(s)	2200 rpm (15") Auto Hi-Lo
Cross Travel (X Axis)	19.7" (500 mm)
Vertical Travel (Z Axis)	25.6" (650 mm)
No. of Tools	Turret: V6, H10
Rapid Traverse (X / Z axis)	20 / 20 m/min
Machine Weight	23760 lb (10800 kg)
Machine Dimensions (LxWxH)	118.1" x 74.8" X 131.9" (3000 x 1900 X 3350 mm)



VTC-550



VTC-650

EA72102

Item	VTC-650
Max. Turning Diameter	25.6" (650 mm)
Max. Turning Height	35.4" (900 mm)
Spindle Motor	26 / 22 kW ; 37 / 30 kW (Opt.)
Spindle Speed, Step(s)	3000 rpm (12") Auto Hi-Lo 1700 rpm (15") Auto Hi-Lo (Opt.)
Cross Travel (X Axis)	16.5" (420 mm)
Vertical Travel (Z Axis)	35.4" (900 mm)
No. of tools	Double Turret: H12 x 2
Rapid Traverse (X / Z Axis)	12 / 20 m/min
Machine Weight	25080 lb (11400 kg)
Machine Dimensions (LxWxH)	141.7" x 98.4" x 146.5" (3600 x 2500 x 3720 mm)

V VERTICAL TURNING CENTERS LATHES



VTC-750

EA72102

Item	VTC-750
Max. Turning Diameter	29.5" (750 mm)
Max. Turning Height	25.6" (650 mm)
Spindle Motor	22 / 18.5 kW
Spindle Speed, Step(s)	1500 rpm (24") Auto Hi-Lo
Cross Travel (X Axis)	24.4" (620 mm)
Vertical Travel (Z Axis)	31.5" (800 mm)
No. of Tools	Turret: V4, V5, V6 / H8, H10, H12
Rapid Traverse (X / Z Axis)	20 / 20 m/min
Machine Weight	28600 lb (13000 kg)
Machine Dimensions (LxWxH)	143.7" x 90.6" x 137.8" (3650 x 2350 x 3990 mm)



VTC-880

EA72102

Item	VTC-880
Max. Turning Diameter	35.4" (900 mm)
Max. Turning Height	31.5" (800 mm)
Spindle Motor	22 / 18.5 kW
Spindle Speed, Step(s)	800 rpm (24") Auto Hi-Lo
Cross Travel (X Axis)	24.4" (620 mm)
Vertical Travel (Z Axis)	31.9" (810 mm)
No. of Tools	Turret: V4, V5, V6 / H8, H10, H12
Rapid Traverse (X / Z Axis)	20 / 20 m/min
Machine Weight	30800 lb (14000 kg)
Machine Dimensions (LxWxH)	165.4" x 139.8" x 144.5" (4200 x 3550 x 3670 mm)

EA72102

Item	VTC-1000
Max. Turning Diameter	43.3" (1100 mm)
Max. Turning Height	31.5" (800 mm)
Spindle Motor	26 / 22 kW
Spindle Speed, Step(s)	850 rpm (ø1000 mm) Auto Hi-Lo
Cross Travel (X Axis)	32.5" (825 mm)
Vertical Travel (Z Axis)	35.4" (900 mm)
No. of Tools	Turret: V4, 5, 6, 8, 12 ATC: 12 (Std.), 40, 60 (Opt.)
Rapid Traverse (X / Z Axis)	20 / 20 m/min
Machine Weight	37400 lb (17000 kg)
Machine Dimensions (LxW)	129.9" x 143.7" x 173.2" (3300 x 3650 x 4400 mm)



VTC-1000

OPTIONAL ACCESSORIES

- Touch sensor
- Tool holders (VDI & ATC Type)
- C-axis (Live tooling)
- A.P.C.
- A.T.C.
- Finger chuck
- Hydraulic chuck 3, 4, 5, 6 jaws
- High pressure coolant through spindle

EA72102

Item	VTC-1400	VTC-1600
Max. Turning Diameter	53.1" (1350 mm)	70.9" (1800 mm)
Max. Turning Height	47.2" (1200 mm)	
Spindle Motor	37 / 30 kW	
Spindle Speed, Step(s)	350 rpm (ø1250 mm) Auto Hi-Lo	250 rpm (ø1600 mm) Auto Hi-Lo
Cross Travel (X Axis)	54.3" (1380 mm)	62.2" (1580 mm)
Vertical Travel (Z Axis)	35.4" (900 mm)	
No. of Tools	Turret: V4, 5, 6, 8, 12 ATC: 12 (Std.), 40, 60 (Opt.)	
Rapid Traverse (X / Z Axis)	12 / 10 m/min	
Machine Weight	49500 lb (22500 kg)	51700 lb (23500 kg)
Machine Dimensions (LxWxH)	129.9" x 172.4" x 178.3" (3300 x 4380 x 4530 mm)	149.6" x 179.1" x 178.3" (3800 x 4550 x 4530 mm)



VTC-1600

EA72102

Item	VTC-2000	VTC-2500
Max. Turning Diameter	90.6" (2300 mm)	110.2" (2800 mm)
Max. Turning Height	63" (1600 mm)	
Spindle Motor	45 / 37 kW	
Spindle Speed, Step(s)	200 rpm (ø2000 mm) Auto Hi-Lo	200 rpm (ø2500 mm) Auto Hi-Lo
Cross Travel (X Axis)	73.2" (1860 mm)	82.7" (2100 mm)
Vertical Travel (Z Axis)	39.4" (1000 mm)	
No. of Tools	Turret: V4, 5, 6, 8, 12 ATC: 12 (Std.), 40, 60 (Opt.)	
Rapid Traverse (X / Z Axis)	10 / 10 m/min	
Machine Weight	75900 lb (34500 kg)	78100 lb (35500 kg)
Machine Dimensions (LxWxH)	161.4" x 239.4" x 214.6" (4100 x 6080 x 5450 mm)	181.1" x 255.9" x 214.6" (4600 x 6500 x 5450 mm)



VTC-2000



VMC-850 + APC

APC Specifications

Item	VMC-850	VMC-1050
Pallet Size (LxW)	33.8" x 17.7" (860 x 450 mm)	48" x 19.6" (1220 x 500 mm)
Max. Pallet Load	550 lb (250 kg)	
T-Solt	0.7" (18 mm)	
Hydraulic Clamping Force	13200 lb (6000 kg)	
Pallet Change Time	15 sec	
Machine Dimensions (LxWxH)	164.2" x 86.8" x 113" (4170 x 2205 x 2873 mm)	177.8" x 86.8" x 113" (4515 x 2205 x 2873 mm)

APC Specifications

Item	JET-32
Pallet Size (LxW)	33.8" x 17.7" (860 x 450 mm)
Max. Pallet Load	550 lb (250 kg)
T-Solt	0.7" (18 mm)
Hydraulic Clamping Force	13200 lb (6000 kg)
Pallet Change Time	15 sec
Machine Dimensions (LxWxH)	165.6" x 87.8" x 115" (4205 x 2230 x 2920 mm)

Chain Type
(Patented)



AUTOMATIC PALLET CHANGER

MACHINING CENTERS



SV-41 + APC

APC Specifications

Item	SV-33	SV-41
Pallet Size (LxW)	39.3" x 23.6" (1000 x 600 mm)	47.2" x 23.6" (1200 x 600 mm)
Max. Pallet Load	946 lb (430 kg)	1130 lb (514 kg)
T-Solt	0.7" (18 mm)	
Hydraulic Clamping Force	13200 lb (6000 kg)	
Pallet Change Time	15 sec	
Machine Dimensions (LxWxH)	148.2" x 139.8" x 117.7" (3765 x 3550 x 2990 mm)	168.6" x 139.8" x 117.7" (4282 x 3550 x 2990 mm)



VMC-1600HD + APC

APC Specifications

Item	VMC-1300	VMC-1600
Pallet size (LxW)	55.1" x 27.9" (1400 x 710mm)	66.9" x 29.5" (1700 x 750 mm)
Max. Pallet Load	1760 lb (800 kg)	1980 lb (900 kg)
T-Solt	0.7" (18 mm)	
Hydraulic Clamping Force	13200 lb (6000 kg)	19800 lb (9000 kg)
Pallet Change Time	15 sec	
Machine Dimensions (LxWxH)	223" x 146" x 146.9" (5665 x 3710 x 3730 mm)	261" x 146" x 144.3" (6630 x 3710 x 3665 mm)

EA72102

APC Specifications

Item	VTC-550
Max. Pallet Load	880 lb (400 kg)
No. of Pallet Stations	2
Pallet Change Time	8 sec
Machine Weight	24200 lb (11000 kg)
Machine Dimensions (LxWxH)	157.5" x 141.7" x 137.8" (4000 x 3600 x 3500 mm)

EA72102

APC Specifications

Item	VTC-650
Max. Pallet Load	1100 lb (500 kg)
No. of Pallet Stations	2
Pallet Change Time	8 sec
Machine Weight	25080 lb (11400 kg)
Machine Dimensions (LxWxH)	141.7" x 98.4" x 146.5" (3600 x 2500 x 3720 mm)

EA72102

APC Specifications

Item	VTC-880
Max. Pallet Load	4400 lb (2000 kg)
No. of Pallet Stations	2
Pallet Change Time	12 sec
Machine Weight	44000 lb (20000 kg)
Machine Dimensions (LxWxH)	169.3" x 196.8" x 157.5" (4300 x 5000 x 4000 mm)



VTC-650
Twin Turret & APC



VTC-550
Twin Turret & APC



VTC-880+C
Twin ATC & APC
(C-Axis)

FLAT-BED CNC LATHES & CNC SCREW CUTTING MACHINE LATHES

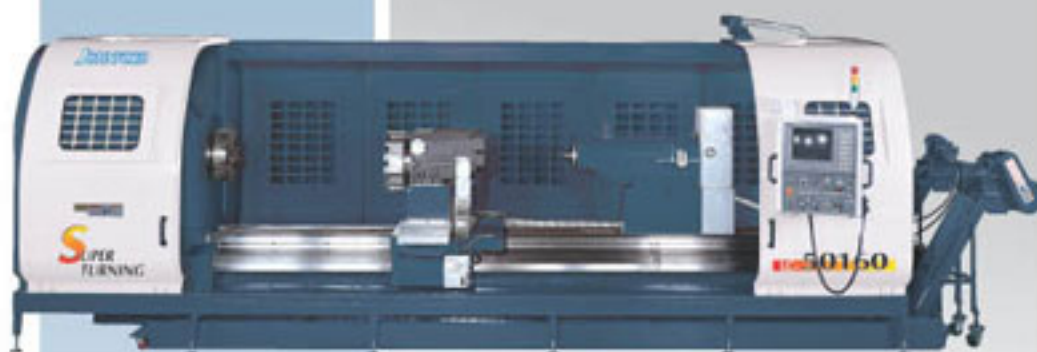
Item	SCM-3000	SCM-4000
Cross Travel (X-Axis)	9.1" (230 mm)	
Longitudinal Travel (Z-Axis)	118.1" (3000 mm)	157.5" (4000 mm)
Spindle Motor	7.5 / 5.5 kW	
Spindle Taper	MT-50	
Spindle Speed	270-2000 rpm	
Machine Weight	27500 lb (12500 kg)	
Rapid Traverse	X: 10 m/min ; Z: 6 m/min	
Machine Dimensions (WxHxL)	67.1" x 84.6" x 339.6" (1705 x 2150 x 8625 mm)	67.1" x 84.6" x 343.5" (1705 x 2150 x 8725 mm)

Item	SCM-5000	SCM-6000
Cross Travel (X-Axis)	9.1" (230 mm)	
Longitudinal Travel (Z-Axis)	196.9" (5000 mm)	236.2" (6000 mm)
Spindle Motor	7.5 / 5.5 kW	
Spindle Taper	MT-50	
Spindle Speed	270-2000 rpm	
Machine Weight	27500 lb (12500 kg)	
Rapid Traverse	X: 10 m/min ; Z: 6 m/min	
Machine Dimensions (WxHxL)	67.1" x 84.6" x 347.4" (1705 x 2150 x 8825 mm)	67.1" x 84.6" x 351.4" (1705 x 2150 x 8925 mm)

EA72112

Item	LC-35 series	LC-40 series	LC-50 series	LC-60 series
Distance Between Centers	2000 - 6000 mm			
Swing Over Cross Slide	510 mm			
Spindle Speed Steps	Auto-4 steps			
Spindle Motor	26 / 22 kW (Opt. available)			
Spindle Bore	ø150 / ø230 / ø318 / ø360 / ø410 / ø510 / ø610			
Turret Type	4 / 6 / 8 / 12 Position, or Twin Turret (Opt.)			
Rapid Traverse	X: 12, Z: 15 m/min			

LC-50160 (Order Made)



- We reserve the rights to change specifications without further notice.



EA72101 Company Profile

Established in 1979, Roundtop Machinery Industries Co., Ltd. has grown steadily in scale and scope of business. Today Roundtop has become a public company listed on the stock exchange. With over 20 years experience in the design and manufacturing of precision machine tools, we have maintained the leading position in Taiwan through innovation, quality, and flexibility. Roundtop is dedicated to offering customers the best in machine tools.



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