



METALWORKING

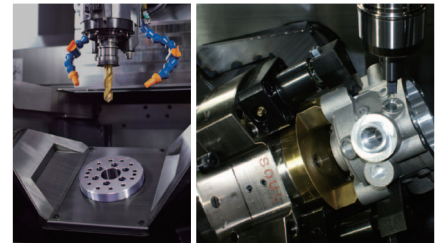


Brother M140X2



brother Compact Machining Center **SPEEDIO**

Process integration in **ONE** machine! Workpieces previously produced using a turning center and a machining center can now be completed on one machine - reduce handling time between machines with the process integration of the M140X2!



Features		
Productivity	Fast acceleration/deceleration	Start/stop time: spindle: 0.2s; turning spindle: 0.3s
	High-speed tool change	Chip-chip: 1.4s; Tool-tool: 0.9s
	High-speed synchronized tapping	Peripheral speed: 377m/min
	Simultaneous operation	Reduction in non-cutting time
Milling	Max. torque: 40Nm	Max. output: 18.9kW
Turning	Max. torque: 55Nm	Max. output: 8.7kW
Cutting	Max. spindle speed: 2,000 RPM	Cutting feed rate (inch/min): X/Y/Z axis: 0.04 – 1, 181

Renishaw Equator 500



The NEW Equator 500 system now enables the gauging of larger parts, with a working volume of 500mm in diameter and up to 400mm in height.

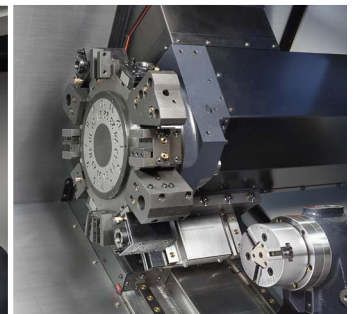
Features
Gauging system accurate between a range of 5C and 50C at any rate of temperature change
Capable of scanning speeds in excess of 200 mm/s
Gauging volume of 500 mm in diameter in the X/Y plane and 250 mm in the Z
Able to switch between multiple parts: simple and complex measurements on a single device
Instant automated feedback, process monitoring, and point of manufacture measurement (reduced time delays compared to traditional offline measurement)

Doosan LYNX

DOOSAN



Lynx turning centers are designed for long-term high accuracy and superior surface finishes. Mill-drill capability reduces the need for secondary machining on other machines, helping to eliminate additional machine set-ups and handling costs. Classic manufacturing methods and ultra-rigid construction are combined with advanced technological features to provide exceptional value



Specs	2100 LMC	2100LB	2100LC	2100LSYB	2100LMSB	2100LSYA	2100MA
Spindle Speed	3500 RPM	4500 RPM	3500 RPM	4500 RPM	4500 RPM	6000 RPM	6000 RPM
Motor	25 HP	20 HP	25HP	20 HP	20 HP	20 HP	20 HP
Max. Turn Diameter mm [inches]	300 [11.8"]	350 [13.8"]	350 [13.8"]	300 [11.8"]	300 [11.8"]	300 [11.8"]	300 [11.8"]
Max. Length - mm [inches]	497 [19.6"]	550 [21.7"]	537 [21.1"]	510 [20.1"]	510 [20.1"]	510 [20.1"]	290 [11.4"]
Number of Tools	12	12	12	12	12	12	12
Standard Chuck Size mm [inches]	254 [10"]	210 [8.3"]	254 [10"]	210 [8.3"]	135 [5.3"]	135 [5.3"]	175 [6.9"]

DOOSAN MACHINE TOOLS AMERICA
CNC MACHINE TOOLS

www.sourceatlantic.ca/metalworking

Doosan DNM 5700 8K



This next generation of DNM Vertical Machining Centers boasts even greater reliability and performance. The design concepts of the series are high speed, high rigidity and suitability for universal applications. Standard features include the largest machining area in its class, direct coupled spindles and linear motion roller guideways. The user friendly operator panel allows easy access to powerful control functions such as tool load monitoring and adaptive feedrate control. The new DNM series of Vertical Machining Centers come fully equipped to provide optimum precision for any level of manufacturing

Specs	5700 8K
Spindle Speed	8000 RPM
Motor	15 / 20 HP
X/Y/Z Travel - mm [inches]	1050 [41.33"], 570 [22.44"], 510 [20.08"]
Spindle Nose to Table Top mm [inches]	150 [5.9"] to 660 [26"]

BRANCH LOCATIONS

Winnipeg

169 Omands Creek Blvd
204.632.4092

Regina

841 Roulston Street
306.721.6442

Calgary

44-8009 57 St SE
403.203.0289

Edmonton

5431 99th Street NW
780.435.3737

Saskatoon

B-3069 Faithful Ave
306.653.7788

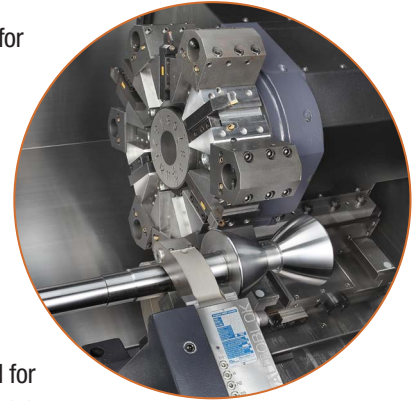
ENHANCE PRODUCTIVITY WITH HIGH PRECISION SOLUTIONS FROM SOURCE ATLANTIC

DOOSAN PUMA

DOOSAN



Puma turning centers are designed for heavy and interrupted cutting, long-term high accuracy and superior surface finishes. The oversized spindle bore and draw tube can accommodate bars up to 4.0" in diameter. High speed turret indexing and fast rapid traverse rates minimize non-cutting time. Mill-drill capability reduces the need for

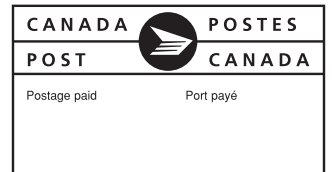


secondary machining on other machines. It also helps to eliminate additional machine set-ups and handling costs. Classic manufacturing methods and ultra-rigid construction are combined with advanced technological features to provide exceptional value.

Specs	GT3100M	GT3100L	GT3100LM
Max. Turning Diameter - mm [inches]	376 [14.8"]	481 [18.9"]	376 [14.8"]
Max. Turning Length - mm [inches]	725 [28.5"]	1275 [50.2"]	1245 [49"]
Spindle Speed	2800 RPM	2800 RPM	2800 RPM
Spindle Motor	30 HP	45 HP	30 HP
Standard Chuck Size - mm [inches]	315 [12.4"]	315 [12.4"]	315 [12.4"]
Number of Tools	12	12	12



HEAD OFFICE
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METALWORKINGEQUIPMENT&TOOLING
CARBIDECUTTINGTOOLSFLUIDS&LUBRICANTS
FASTENERSABRASIVESSAFETYAPPAREL&SUPPLIES
MATERIALHANDLINGINVENTORYSOLUTIONS

F A B R I C A T I O N S U P P L I E S