



DIMATEC INC.

OUR PRECISION MACHINES



MILLING MACHINES

Description	X Travel	Y Travel	Z travel
Daewoo MYNX 500 4-Axis Vertical Machining Centre	40.1 inch 1020 mm	20.1 inch 510mm	22.6 inch

MULTI-TASK TURNING CENTRES

Description	Swing over bed (Diameter)	Swing over Cross - Slide (Diameter)	Spindle Bore (Diameter)	Maximum Turning Length
Mori Seiki NT4250 9-axis multi-task machining centre with twin spindle and twin turret	28.7 inch 729 mm	28.7 inch 729 mm	3.58 inch 91mm	60.7 inch 1542mm
Doosan Puma SMX3100ST 9-axis multi-task machining centre with twin spindle and twin turret	26 inch 660 mm	26 inch 660 mm	4 inch 101 mm	60.6 inch 1540mm
Doosan Puma SMX3100ST 9-axis multi-task machining centre with twin spindle and twin turret	26 inch 660 mm	26 inch 660 mm	4 inch 101 mm	60.6 inch 1540mm
Doosan Puma MX2600ST 9-axis multi-task machining centre with twin spindle and twin turret	29.9 inch 760 mm	29.9 inch 760 mm	3.38 inch 85 mm	60.6 inch 1540mm
Doosan Puma 2600SY Twin spindle Y-axis twin horizontal turning centre	30.7 inch 780 mm	24.8 inch 630mm	3 inch 76mm	30 inch 760mm
Doosan Puma 2600Y Single spindle Y-axis horizontal turning centre	30.7inch 760mm	24.8 inch 630mm	3 inch 76mm	30 inch 760mm
Doosan Puma 2600Y Single spindle Y-axis horizontal turning centre	30.7inch 760mm	24.8 inch 630mm	3 inch 76mm	30 inch 760mm
Doosan Puma TT 1800SY Twin spindle, twin turret horizontal turning centre	9.1 inch 231mm	9.05 inch 230 mm	2.625 inch 66.7mm	Distance between spindle nose 38.5"
Doosan Lynx 220LM 3-axis horizontal turning centre with milling function	20.1 inch 511mm	9.84 inch 245 mm	2.01 inch 51.1mm	20.1 inch 511mm

INSPECTION

Description	X Travel	Y Travel	Z Travel
Brown and Sharpe ONE Programmable coordinate measuring machine (CMM)	27.6 inch 280 mm	39.4 inch 1000 mm	25.6 inch 650 mm

NON-DESTRUCTIVE TESTING

Description	Outside Diameter (Max)	Part Length (Max)	Inside Diameter (Max)
Liquid Dye Penetrant Inspection LPI Immersion tank and black-light inspection system	11 inch 280 mm	46 inch 1170 mm	Varies by part length

CYLINDRICAL GRINDER

Description	Swing over bed (diameter)	Grinding Wheel (Max Width)	Table Swivel Angle	Distance between Center
Schardt AR-500 Cylindrical Grinder	14 inch 355mm	3 inch 76 mm	8 to 12 degrees	22.05 inch 560 mm

SHOT PEENING EQUIPMENT

Description	Outside Diameter (Max)	Part Length (Max)	Inside Diameter (Max)
Canablast Model M3648-P Automatic (PLC Controlled) Shot Peening Cabinet	10.8 inch 275 mm	45.9 inch 1165 mm	1.4 inch 35 mm



LATHES

Description	Swing over bed (Diameter)	Swing over Cross-Slide (Diameter)	Spindle Bore (Diameter)	Maximum Turning Length
Doosan Puma 700L 2-axis horizontal turning centre	39.37 inch 1000 mm	35.4 inch 900 mm	7.10 inch 181 mm	120 inch 3048 mm
Doosan Puma 700L 2-axis horizontal turning centre	39.37 inch 1000 mm	35.4 inch 900 mm	7.10 inch 181 mm	120 inch 3048 mm
Doosan Puma 400C 2-axis horizontal turning centre	30.3 inch 770 mm	23.2 inch 590 mm	7.10 inch 181 mm	44.7 inch 1135.38 mm
Doosan Puma-12LC 2-axis horizontal turning centre	22.80 inch 580 mm	13.80 inch 350 mm	4.53 inch 115 mm	40.2 inch 1021 mm
Doosan Puma 300LMC 3-axis horizontal turning centre with milling function	23.2 inch 590 mm	17.7 inch 450 mm	4.53 inch 115 mm	47.83 inch 1215 mm
Doosan Puma 280 2-axis horizontal turning centre	24.80 inch 630 mm	19.60 inch 500 mm	3 inch 77 mm	25.9 inch 658 mm
Doosan Puma GT3100 2-axis horizontal turning centre	28.34 inch 720 mm	23.2 inch 590 mm	4.5 inch 115 mm	29.7 inch 755 mm
Doosan Puma 4100B 2-axis horizontal turning centre	31.1 inch 790 mm	23.2 inch 590 mm	5.2 inch 132 mm	41 inch 1042 mm
Summit 26 - 6X80 Manual horizontal gap bed lathe	26 inch 670 mm	18 inch 460 mm	6.12 inch 155 mm	80 inch 2032 mm

LASER MARKING SYSTEM

Keyence 3-Axis Fiber Laser Marker

Ability to laser etch barcodes, text, and designs onto the outside or inside diameter, also marking arc text on the XY plane of various part sizes using the SIC marking software.

