



DOOSAN PUMA MX2500ST Multi Axis CNC Lathe with Fanuc 18i-TB Control. Year 2005

Stock No 28602

Barry Street Works
Barry Street
Oldham
Greater Manchester
ENGLAND
OL1 3NE

t: +44 (0) 161 633 8880

e: info@gmmachinery.com

Machine Capacity	
Swing over bed	750 mm
Swing over cross slide	600 mm
Max. turning dia	550 mm
Spindle speeds	3500 rpm
Max. turning length	1020 mm
Bar working dia.	76 mm

Main Spindle – Left & Right	
Chuck size – Main spindle	304mm dia. (Kitagawa B212)
Chuck size – Sub Spindle	250mm dia. (Seoam)
Spindle flange	A2-8
Spindle dia.	130mm
Spindle through hole	90mm
Bore of draw tube	77mm
Main spindle motor power (30min/Cont)	26/22 kW
Max spindle speed	3500 rpm
Max spindle indexing angle (C Axis)	0.001 degree

Milling spindle	
Milling spindle taper	Capto C6
Milling spindle dia.	70mm
Milling spindle power (30min/cont)	15/11 kW
Max milling speed	10,000 rpm
Milling spindle torque (S3 15% rating)	6.1 kgf/m
Index of milling spindle	360 deg In 30 deg increments

Automatic Tool Changer	
Tool storage capacity	40
Tool changer type	Swing arm
Tool select type	Fixed address
Tool shank	Capto C6
Max tool dia. (full carousel)	90mm
Max tool dia. (without adjacent tools)	120mm
Max tool length	300mm
Max tool weight	8 Kgs
Tool change time (tool to tool)	1.5 seconds

DOOSAN PUMA MX2500ST Multi Axis CNC Lathe with Fanuc 18i-TB Control. Year 2005

Stock No 28602

Carriage	
X1 axis	555mm
X2 axis	185mm
Z1 axis	1095mm
Z2 axis	1140mm
Y axis	160mm +/- 80mm
A axis	1065mm
C1 & C2 axis	360 degrees (0.001)
B axis	240 degrees +/- 120mm
B axis coupling clamp	15 degrees

Rapid traverses	
X1, 2 axis	24m/min
Z1, 2 axis	24m/min
Y axis	16m/min
A axis	24m/min
C1, 2 axis	200 rpm
B axis	27 rpm

Feeds	
X1 2 axis	500mm/rev
Z1, 2 axis	500mm/rev
Y axis	500mm/rev
A axis	500mm/rev
C1,C2 axis	500mm/rev

Ballscrew dia x lead	
X1 axis	36mm x 10mm
X2 axis	32mm x 10mm
Z1 axis	45mm x 10mm
Z2 axis	40mm x 10mm
Y axis	36mm x 6mm
A axis	40mm x 10mm

Servo Motors	
X1 axis	4KW
X2 axis	3KW
Z1 axis	4KW
Z2 axis	4kW
Y axis	3kW
A axis	4kW
B axis	1.6kW

Bed and Saddle	
Slant Angle	45 Degrees

Barry Street Works
Barry Street
Oldham
Greater Manchester
ENGLAND
OL1 3NE

t: +44 (0) 161 633 8880

e: info@gmmachinery.com

**DOOSAN PUMA
MX2500ST Multi Axis
CNC Lathe with Fanuc
18i-TB Control.
Year 2005**

Stock No 28602

Guideway spans	
Bed Z1 axis	540mm
Saddle X1 axis	285mm
Saddle X2 axis	240mm
Right spindle base	445mm

Lower Turret	
No of tool stations	12
Toolsize	25mm x 25mm
Boring bar size	40mm
Rotary tool motor	5.5kW
Rotary tool speed	4,000 rpm
Rotary tool torque	4.8 kgf.m

Turret Index Time	
1 station swivel	0.2 seconds
1 station	0.6 seconds
Full station	1 second
Machine dimensions (including swarf conveyor) L x W x H	5638mm x 2286mm x 2692mm
Machine weight	12,500 kgs approx
Power requirement	94 kVA

Equipment/Features	
Fanuc 18i-TB Control	
Milling Spindle with B Axis	
Milling spindle speeds 10,000 rpm	
Twin C axis spindles	
40 Auto Tool Changer	
Lower 12 station turret with driven tooling	
Tool Setter	
Renishaw Probing	
Kitagawa B212 304mm dia. 3 jaw powered chuck.	
Seoam 250mm dia 3 jaw powered chuck	
Foot controls	

Barry Street Works
Barry Street
Oldham
Greater Manchester
ENGLAND
OL1 3NE

t: +44 (0) 161 633 8880

e: info@gmmachinery.com

Descriptions and dimensions are given in good faith however these are not guaranteed and prospective purchasers are advised to check any vital information themselves. GM Machinery Ltd will not be held responsible for any mis-description.

In accordance with Health & Safety at Work Act 1974 this machine must be fitted with guards and it is condition of sale that the purchaser accepts full responsibility to ensure that suitable guards are fitted in order to comply in full with this act.