Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For L7243

PUMA 3100LY - Y Axis CNC Turning Centre



Please Call

ORDER CODE:	L7243
MODEL:	PUMA 3100LY
Swing (mm):	850 (720)
Max Turning Diameter (mm):	420
Turning Length (mm):	1285
Chuck Diameter (mm):	380
Bar Diameter Capacity (mm):	102
Tool Stations (No.):	12
Spindle Speed (rpm):	2800
Spindle Motor (kW):	22
Guideways:	Box Guideway
Control:	Doosan Fanuc I Series (0i-Plus)
Programming:	EZI Guide I Conversational
C Axes Resolution (deg):	0.001
Milling Speed (rpm):	5000
Milling Collets:	ER32
Sub Chuck Diameter (mm):	~
Y Axis Travel (mm):	130 (±65)

DN SOLUTIONS

Made in SOUTH KOREA

1 YEAR WARRANTY

Description

Basic Specifications
• 850mm (720) Swing Over Bed
• 670mm Swing Over Saddle
• 1285mm Turning Length
• 420mm Turning Ø
• 130mm (±65mm) Y Axis Travel
• 360º (0.001º Resolution) C Axis
• 500kg Main Spindle Capacity, 1000kg Shaft Work Capacity

Main Spindle
• 102mm Bar Capacity
• 380mm Ø Hydraulic Chuck
• 2800RPM Spindle Speed
• 22kW Spindle Power
• 1123Nm Spindle Torque

Tailstock
• MT5
• 100mm Quill Ø
• 100mm Quill Travel
• Programmable Positioning

Turret
• BMT 65 Tool Mounting
• 5000RPM Live Tool Speed
• 7.5kW Live Tool Power
• 95.5Nm Live Tool Torque
• 12 Station Turret
• 25mm Square / 50mm Ø Tool Capacity
• ER32 Live Tool Collet Size
• Eppinger Preci-Flex Tooling System

CNC Control
• Doosan Fanuc I Series (0i-Plus) CNC Controller
• 15" Colour LCD Monitor
• Rigid-synchronised tapping

• Custom Macro B
• Ethernet Interface
• RS232 Interface
• USB & PCMCIA Memory Card Slot
• Doosan Ezi Guide “I” Conversational software:
• Graphical Turning Cycles
• Graphical Milling Cycles
• Full 3D Graphical Simulation
• Onboard G & M code assistance
• + more

Standard Equipment - Included
• 3 Jaw Hydraulic Power Chuck
• Chuck Cleaning Air Blast
• Eppinger rotary tool holders with Preci-Flex adapter set
• Coolant supply equipment
• Foot switches
• Transformer
• Full enclosure chip and coolant shield with front door interlock
• Hand tool kit
• Automatic lubrication equipment
• Comprehensive manuals incorporating, Operation, Maintenance, Programming, Spare Parts Diagrams, Hydraulic Schematics, Electrical Schematics and Ladder Diagrams.
• Safety name plates / tags where required
• Risk assessment
• Work light

Optional Equipment Included
• Chuck open close confirmation proximity switches
• Chip Conveyor (Side Discharge, Hinged Belt)
• Auto Tool Setter (Hydraulically operated)
• Coolant Oil Skimmer
• 7 Bar High Pressure Coolant
• Barfeed Interface
• Programmable Tailstock
• Chuck Cleaning Air Blast

Standard Turret Tool Holder Package Included
• 4 x OD Tool Holder (R & L)
• 3 x ID Tool Holder
• 1 x Face Tool Holder (R & L)
• 1 x U Drill Cap
• 2 x Straight Milling Unit
• 2 x Angular Milling Unit
• 1 x Boring Sleeve Kit
• 1 x U Drill Sleeve Kit
• 1 x Preci-Flex Adapter Kit
• 1 x ER 32 Milling Collet Set
• 1 x Hard & Soft Jaws

Local Service and Support
• Commissioning & Testing Included
• Comprehensive Operator Training Included
• Hare and Forbes In House Service And Applications Staff
• Ongoing Support For Life Of The Machine

Features

- Doosan Machine Tools changes its name to DN Solutions
- Read more at:



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Specific Features



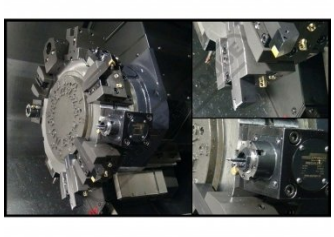
Puma 2600Y



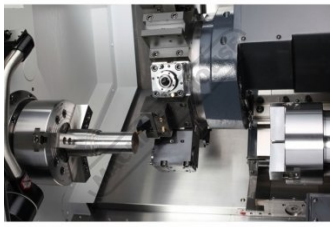
Puma 2600SY



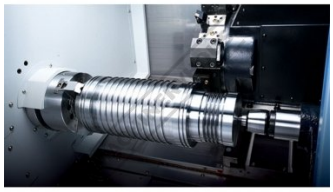
Puma 3100ULY



Puma Turret



PUMA 2600SY Turning



Puma 2600 Large Shaft