

Product Brochure For L7221

Y Axis & Sub Spindle CNC Turning Centre - PUMA 2600SY



ORDER CODE:	L7221
MODEL:	PUMA 2600SY
Swing (mm):	780
Max Turning Diameter (mm):	376
Turning Length (mm):	725
Chuck Diameter (mm):	250
Bar Diameter Capacity (mm):	76
Tool Stations (No.):	12/24
Spindle Speed (rpm):	3500
Spindle Motor (kW):	22
Guideways:	Box Guideway
Control:	Doosan Fanuc I Series
Programming:	EZI Guide I Conversational
C Axes Resolution (deg):	0.001
Milling Speed (rpm):	5000
Milling Collets:	ER32
Sub Chuck Diameter (mm):	150
Y Axis Travel (mm):	105 (±52.5)



Description

Basic Specifications

- 780mm Swing Over Bed
- 630mm Swing Over Saddle
- 760mm Turning Length
- 376mm Turning & Oslash;
- 105mm (±52.5mm) Y Axis Travel
- 3600 (0.0010 Resolution) C Axes, Main & Sub Spindles
- 220kg Main Spindle Capacity, 710kg Shaft Work Capacity

Main Spindle

- 76mm Bar Capacity
- 250mm & Oslash; Hydraulic Chuck
- 3500RPM Spindle Speed
- 22kW Spindle Power
- 240Nm Spindle Torque

Sub Spindle

- 50mm Bar Capacity
- 150mm & Oslash; Hydraulic Chuck
- 4500RPM Spindle Speed
- 7.5kW Spindle Power
- 85Nm Spindle Torque

Turret

- BMT 65 Tool Mounting
- 5000RPM Live Tool Speed
- 5.5kW Live Tool Power
- 47.1Nm Live Tool Torque
- 24 Position / 12 Station Turret
- 20mm Square / 40 & 25mm & Oslash; Tool Capacity
- ER32 Live Tool Collet Size
- Eppinger Preci-Flex Tooling System

CNC Control

- Doosan Fanuc I Series (0i-MD) CNC Controller

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- 10.4" Colour LCD Monitor
- Rigid-synchronised tapping
- Custom Macro B
- Ethernet Interface
- RS232 Interface
- USB & PCMCIA Memory Card Slot
- Doosan Ezi Guide "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 Chucks
- 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
- Parts Catcher with Parts Conveyor
- Sub Spindle Work Ejector
- Chuck Cleaning Air Blast

Standard Turret Tool Holder Package Included

- 1 x OD Tool Holder Main (R & L)
- 1 x DBL OD Tool Holder Main/Sub (R & L)
- 1 x DBL OD Tool Holder Main (R & L)
- 1 x DBL OD Tool Holder Sub (R & L)
- 1 x ID Tool Holder Main
- 1 x Triple ID Tool Holder
- 1 x Cut Off Tool Holder
- 1 x U Drill Cap Main
- 2 x Straight Milling Unit
- 3 x Angular Milling Unit
- 1 x Eppinger "Preci-Flex" Kit
- 1 x Boring Sleeve Kit Main
- 1 x Boring Sleeves Kit Sub
- 1 x U Drill Sleeve Kit Main
- 1 x U Drill Sleeve Kit Sub
- 1 x ER 32 Milling Collet Set
- 1 x Hard & Soft Jaws Main and Sub

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



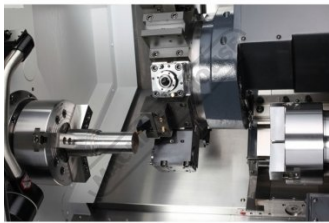
Puma 2600LY



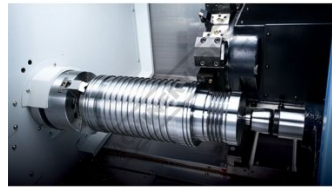
Puma 3100ULY



Puma Turret



PUMA 2600SY Turning



Puma 2600 Large Shaft