

Product Brochure For L7080

## CNC Turning Centre - LYNX 2600SY

Doosan Fanuc I Series (OiPlus) CNC Controller

### Please Call



ORDER CODE:	L7080
MODEL:	LYNX 2600SY
Swing (mm):	630
Max Turning Diameter (mm):	380
Turning Length (mm):	610
Chuck Diameter (mm):	225
Bar Diameter Capacity (mm):	81
Tool Stations (No.):	12/24
Spindle Speed (rpm):	3500
Spindle Motor (kW):	18.5
Guideways:	LMG
Control:	Doosan Fanuc I Series (Oi-Plus)
Programming:	EZI Guide I Conversational
C Axes Resolution (deg):	0.001
Milling Speed (rpm):	5000
Milling Collets:	er25
Sub Chuck Diameter (mm):	152
Y Axis Travel (mm):	



### Description

Basic Specifications  
 630mm Swing Over Bed  
 460mm Swing Over Saddle  
 610mm Turning Length  
 380mm Turning Ø  
 105mm (±52.5mm) Y Axis Travel  
 360deg (0.001deg Resolution) C Axes, Main & Sub Spindles  
 260kg Main Spindle Capacity, 520kg Shaft Work Capacity

### Features

- Main Spindle
  - 81mm Bar Capacity (Main)
  - 250mm Ø Hydraulic Chuck
  - 3500RPM Spindle Speed
  - 18.5kW Spindle Power
  - 403Nm Spindle Torque
- Sub Spindle
  - 50mm Bore of Draw Tube
  - 152mm Ø Hydraulic Chuck
  - 4500RPM Spindle Speed
  - 7.5kW Spindle Power
  - 84Nm Spindle Torque
- Turret
  - BMT 55 Tool Mounting
  - 5000RPM Live Tool Speed
  - 5.5kW Live Tool Power
  - 42Nm Live Tool Torque
  - 24 Position / 12 Station Turret
  - 20mm Square / 32 & 25mm Ø Tool Capacity
  - ER25 Live Tool Collet Size
  - Eppinger PreciFlex Tooling System

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- CNC Control
  - Doosan Fanuc I Series (0iPlus) CNC Controller
  - 15" Colour LCD Monitor
  - Rigidsynchronised 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 Chucks
  - Grease Cartridge Auto Lubrication System
  - Chuck Cleaning Air Blast
  - Eppinger rotary tool holders with PreciFlex 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

### Includes

- 1 x OD Tool Holder Main (R & L)
  - 1 x Face Tool Holder
  - 1 x Double OD tool holder(R & L) Main
  - 1 x Double OD tool holder(R & L) SUB
  - 1 x Double OD tool holder(R & L) Main/SUB
  - 1 x Cut-off tool holder(Right Hand)
  - 1 x ID tool holder Main
  - 1 x Triple ID tool holder
  - 1 x U Drill Cap Main
  - 2 x Straight Milling Units
  - 2 x Angular Milling Units
  - 2 x Boring Sleeve Kit
  - 2 x U Drill Sleeve Kit
  - 1 x PreciFlex Adapter Kit
  - 1 x ER 25 Milling Collet Set
  - 1 x Hard & Soft Jaws per Chuck
- Doosan Machine Tools changes its name to DN Solutions
  - Read more at:

**Doosan Machine Tools  
changes its name to**



**DN SOLUTIONS**

**MACHINE GREATNESS™**

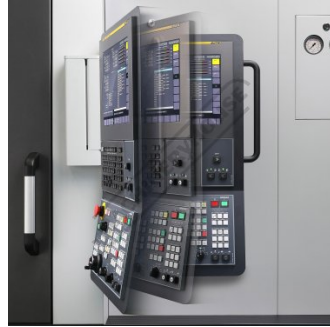
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**Specific Features**



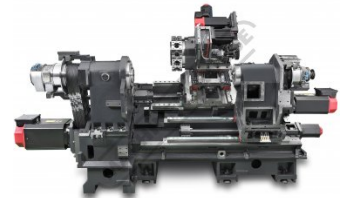
Side View



Controls



LYNX 2600SY Inside



LYNX 2600SY Insert



LYNX 2600SY Insert 2