



Optimal Solutions for the Future

Mynx 9500



**Vertical Machining
Center for Large
Works**

Mynx 9500

ver. EN 150728 SU

Spindle

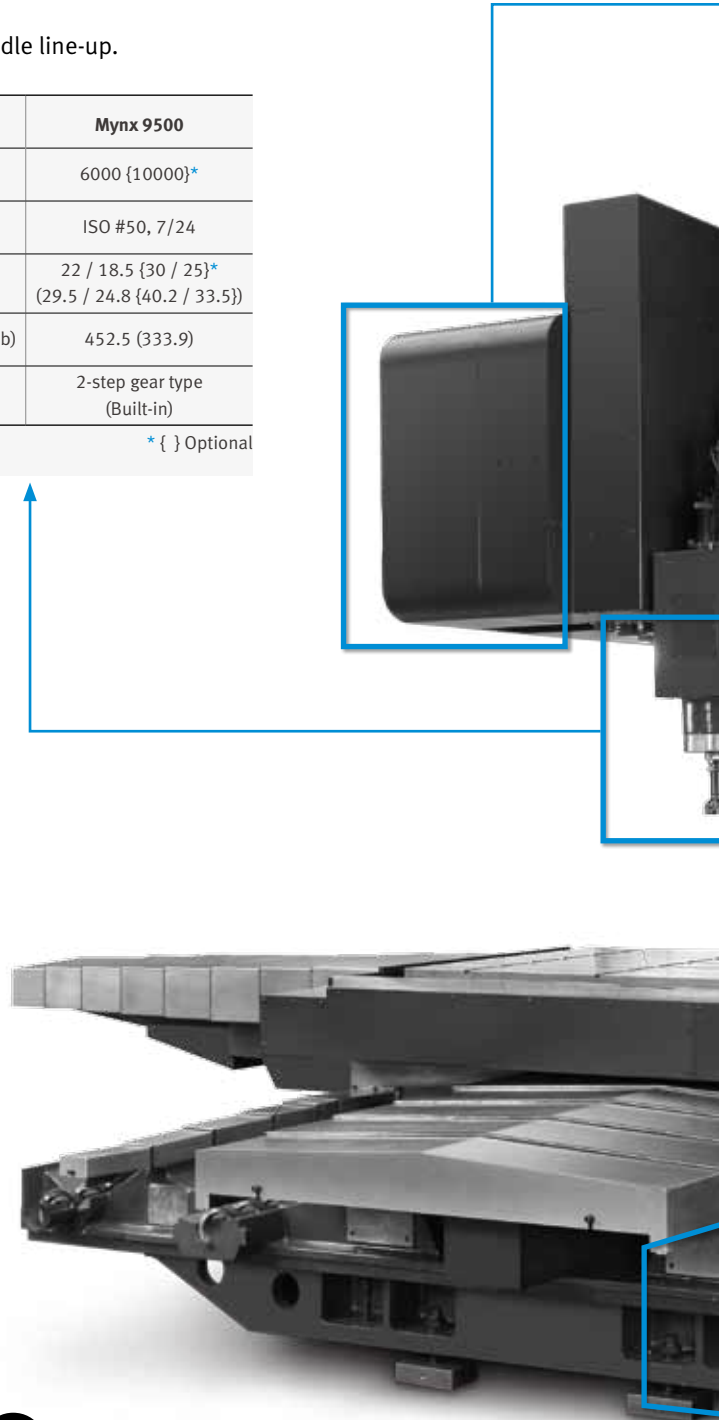
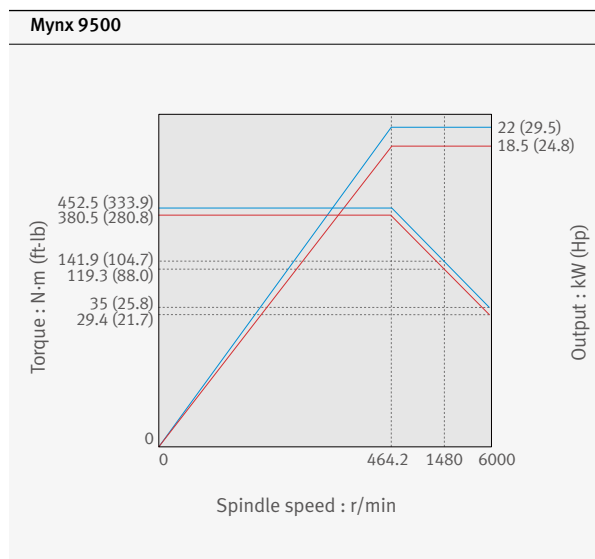
The Mynx 9500 is equipped with a high-torque, high-speed spindle line-up.



Description	Unit	Mynx 9500
Max. Speed	r/min	6000 {10000}*
Tool Specifications	-	ISO #50, 7/24
Motor Power (30 min/cont.)	kW (Hp)	22 / 18.5 {30 / 25}* (29.5 / 24.8 {40.2 / 33.5})
Max. Torque	N·m (ft·lb)	452.5 (333.9)
Spindle Type	-	2-step gear type (Built-in)

* { } Optional

Power-Torque Diagram (2-step gear type)



Mynx 9500

High Rigidity & High Productivity Vertical Machining Center for Large Works

The Mynx 9500, a vertical machining center designed for the processing of large general parts, is equipped with box guideways for all axes, a high-torque gear-type spindle for heavy duty cutting, a servo-driven magazine for reduced idling time and a 4-row screw conveyor to improved chip disposal. We will provide customers with unprecedentedly high productivity and even greater added value.

Magazine

The servo magazine minimized tool change time and noise.



Description	Unit	Mynx 9500
Number of tools	ea	30 {40}*
Max. tool weight	kg (lb)	15 (33.1)
Max. tool diameter (w/o adjacent tool)	mm (inch)	125 {230}* (4.9 {9.1})
Max. tool length	mm (inch)	350 (13.8)
Tool change time	sec	2.5

* { } Optional

Improved Chip Disposal



Chip disposal performance has been enhanced by the adoption of a 4-row screw conveyor.

Optimized Specifications for Large Works

- Longer travel distance (X / Y / Z)
- 2500 mm / 950 mm / 850mm
(98.4 inch / 37.4 inch / 33.5 inch)
- Table Loading Capacity
- 3500 kg (7716.1 lb)

High Durability and Stable Accuracy Achieved by High-Rigidity Structure

- High-rigidity box guideways for all axes
- 4-row box guideway structure on Y-axis
- Arch-type design

High Productivity and Reliability Secured with a Wide Spindle Line-up and Improved Quality

- Dual contact tool system
- High torque, high speed spindle line-up
- Gear type: 6000 r/min
- Built-in type: 10000 r/min
- Servo magazine

Main Specifications

Mynx 9500



Description		Unit	Mynx 9500
Travel distance	X / Y / Z axis	mm (inch)	2500 / 950 / 850 (98.4 / 37.4 / 33.5)
Table	Table size	mm (inch)	2500 X 950 (98.4 X 37.4)
	Loading capacity	kg (lb)	3500 (7716.1)
Main Spindle	Max. spindle speed	r/min	6000 {10000}*
	Tool specification	-	ISO #50, 7/24 TAPER
Motor	Motor power	kW (Hp)	22 / 18.5 {30 / 25}* (29.5 / 24.8 {40.2 / 33.5})
ATC	Tool storage capacity	ea	30 {40}*
NC system		-	DOOSAN-FANUC i

* { } Optional

Standard Feature

Tool box
Coolant tank and chip pan
Safety door interlock
Flood coolant system
Installation parts
Screw conveyor
3-color warning lamp (Red / Yellow / Green)
Portable MPG
Splash guard
Work light
X, Y, Z Absolute pulse coder
Spindle cooling system

Optional Feature

4-axis additional controller
Auto power off
Auto tool length measurement
Auto work space measurement
Chip conveyor & bucket
EZ Guide i
Minimum Quantity Lubrication (MQL)
Oil skimmer
Shower coolant system
Test bar
Through-spindle coolant system



Doosan Machine Tools

<http://www.doosanmachinetools.com>

Optimal Solutions for the Future

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* For more details, please contact Doosan.

* The specifications and information above-mentioned may be changed without prior notice.