

NL8550S

CNC Large size horizontal lathe

NL8550S is a large CNC horizontal flatbed lathe. The main machine body adopts one whole piece horizontal flatbed structure, smoothly chip discharge, easy operation and pleasant appearance. As the analysis optimization of structural by using the finite element simulation software, the machine has excellent dynamic rigidity and excellent precision retention. The machine tool is suitable for medium, small batch and single piece production, and can also be used for mass production of complex parts. And it is energy-saving, environmental protection, environmentally friendly, and has passed the European CE certification.

SPECIFICATIONS:

● CAPACITY

Max swing over bed	850mm
Max swing over saddle	500mm
Max cutting diameter	850mm
Max cutting length	5000mm
Max component weight	6000kg

● X/Z Drive and Servo Motor Torque

X axis drive type	ball screw
X Axis torque	20NM
Z axis drive type	Rack and pinion drive
Z Axis torque	16NM (double motors)

● Travel

X Axis	530mm
Z Axis	5150mm

● MOTION:

X axis rapid traverse rate	8m/min
Z axis rapid traverse rate	10 m/min
Cutting feed rate	1 - 8,000 mm/min
Positioning accuracy(X /Z)	0.010/0.050mm
Repeatability (X/Z)	0.007/0.020mm

● SPINDLE HEADSTOCK

Spindle motor power	15/18.5kW
Speed change type	Auto hydraulic
Spindle speed	3-630r/min
Axis centering journal taper	14°15'
Spindle front bearing ID diameter	φ180
Taper hole	120 (metric)
Taper of spindle center sleeve	Morse #6
Spindle bore	100mm
Spindle type	A2-11
Max. output torque	4343 N.m
Manual 4 Jaws chuck	800mm (speed limit 400rpm)

● Turret :

Type	electrical
Position	4
Tool size	32*32mm

- **Tailstock**
 - Quill diameter 160mm
 - Quill Travel 300mm
 - Taper M6
- **GENERAL**
 - Machine gross weight 16000kg
 - Floor space (L x W X H) 9900×2290×2100mm
- **UTILITY:**
 - Power required 45 kVA
 - Voltage required – Fanuc 380 Volts /50Hz / 3 Phase
 - Cooling tank 1200L

STANDARD CONFIGURATION

- Siemens 828D
- Semi-closed splash guard
- 4 station electrical turret
- 800mm manual 4 jaw chuck
- Manual tailstock
- Double Chip discharge plates
- Automatic lubricating system
- Hydraulic system
- Air cooling and Air Gun cleaner
- Work light and Tri-color tower signal light
- Program and data protection key
- Installation parts
- Spare parts (fuses& etc)
- Assembly & operation tools
- Instruction manual, parts list, and electrical drawings

PRICE FOR MACHINE AS DESCRIBED ABOVE

Model	Standard Price	Option price	QT.	Total price
NL8550S	CNY 775,000	Check below list	1	CNY 775,000
Commercial term	EXW SUZHOU			
Payment term	30% as down payment, balance be paid before shipment			
Delivery time	150 days			
Machine Setup	The machine requires an on-site assembling.			
Warranty	(1) year service parts after shipment date			

OPTIONAL ACCESSORIES:

Optional items	Price	Note
Double-Chain type chip conveyor	CNY 30,800	
without chip trolley	-CNY 1,190	
Transformer	CNY 17,500	
Electric switch for door	CNY 1,400	
Manual rotary switch lock on electrical cabinet	CNY 0	In standard
Water gun	CNY 1,400	
oil skimmer	CNY 4,200	
Remote MPG with emergency stop button on MPG	CNY 2,100	
Lamp on electric cabinet indicating ON/OFF status	CNY 210	
Emergency stop button on automatic chip conveyor	CNY 350	
M30 auto power off	CNY 700	
Air conditioner for electric cabinet	CNY 3,500	
Auto run protection	CNY 1,400	
Bigger coolant pump, 1MPa	CNY 700	