

NASA

SLANT BED CNC LATHE



NK 67

Specifications

ITEMS	NK-67
Max. Swing over bed	Ø700mm
Max. Cutting diameter for disc parts	Ø670mm
Max. Cutting diameter for axle parts	Ø440mm
Maximum turned length	1000mm
Maximum cross travel (X)	365mm
Maximum longitudinal travel (Z)	1050mm
Rapid feed for Axis X	7m/min
Rapid feed for Axis Z	12m/min
spindle speed scope	30-1300rpm
Number of tool post	8
Spindle nose	D8
Spindle bore	Ø105mm
Outside dia. Cutting tool shank	32mm x 32mm
Maximum inner dia. Cutting tool shank	Ø32mm
Min. Displacement (X/Z)	0.0005/0.001mm
Min.Input	0.001mm
Manual pulse generator	0.001/0.01/0.1mm
Bed structure	45° slant bed
Guide ways X & Z	Precision linear ball rail
Tool compensation mode	Wear/geometric compensation
Repeatability (X/Z)	0.0075mm/0.01mm
Surface roughness	<Ra 0.8 µ m(Nonferrous)
	<Ra 1.6 µ m(Steel part)
Metric/inch switch function	G20, G21
Main motor power	11KW
Overall dimensions (L x W x H)	4400 x 2050 x 2000
Net weight	5500kg

Product Features

- The machine adopts ISO international code keyboard Manual Data Input, it is also provided with program of power cut-off protection and the functions of automatic diagnosis, and with Rs.232 interface.
- Longitudinal and cross feeds are effected by ball leadscrews.
- An automatic timely lubrication device is supplied for the machine.
- It has a stainless steel inner protection and a totally sealed outside protection.
- Using yanti 8 - station tool post enables it to select the nearest tool.
- The spindle bore size is 105mm. The spindle system is high in the rigidity and accuracy, there is no vibration when turning with a cutting depth of 10mm.



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SLANT BED CNC LATHES



**HIGH QUALITY
HIGH PRECISION**



**FASTEST
DELIVERY**

WORLD CLASS

SHIV MACHINE TOOLS

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Mumbai: 241, Princess Street, 1st floor, Chandra Mahal, Mumbai - 2. Tel: 022-6418 7607 / 3297 4941 Fax: 022-22035541 Mob : 98673 59270
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Technical Development



Bridge 3-axis Measuring Machine Imported from U.K.



A corner of Research Institute



Precision Test

Manufacturing Facility



Batch Products for Export



Batch Products for Export



Imported horizontal machining center



Carefully assembling

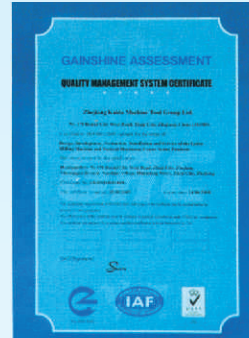


Imported CNC double column guide way grinder



CNC double column miller

Quality Certificates



NASA

SLANT BED CNC LATHE



NK-25



Standard Accessories

- Total Sealed fencing system
- Lubrication system
- Ø 200MM solid hydraulic chuck
- Option manual



NK-20

Optional Accessories

- Hollowed hydraulic chuck
- Automatic back conveying system
- Hydraulic tailstock

Specifications

ITEMS	NK-25	NK-20
Max. Swing over bed	Ø500mm	Ø410mm
Max. Cutting diameter for disc parts	Ø300mm	Ø360mm
Max. Cutting diameter for axle parts	Ø250mm	Ø200mm
Maximum cross travel (X)	180mm	180mm
Maximum longitudinal travel (Z)	500mm	420mm
Maximum turned length	400mm	350mm
Rapid feed for Axis X	10m/min	9m/min
Rapid feed for Axis Z	20m/min	15m/min
Maximum spindle speed	3000rpm	3000rpm(Both chuck: 200mm) 4000rpm(Both chuck: 160mm)
Number of tool post	8	8
Spindle nose	A ₂ -5	A ₂ -5
Spindle bore	Ø62mm	Ø63mm
Outside dia. Cutting tool shank	25mm x 25mm	20mm x 20mm
Maximum inner dia. Cutting tool shank	Ø32mm	Ø25mm
Min. Displacement (X/Z)	0.0005/0.001mm	0.0005/0.001mm
Min. Input	0.001mm	0.001mm
Manual pulse generator	0.001/0.01/0.1mm	0.001/0.01/0.1mm
Bed structure	30°	60° slant bed
Guide ways X & Z	Precision linear ball rail	Precision linear ball rail
Tool compensation mode	Wear/geometric compensation	Wear/geometric compensation
Repeatability (X/Z)	0.005mm/0.006mm	0.005mm/0.006mm
Surface roughness	<Ra 0.8 μm(Nonferrous) <Ra 1.6 μm(Steel part)	<Ra 0.8 μm(Nonferrous) <Ra 1.6 μm(Steel part)
Metric/inch switch function	G20, G21	G20, G21
Main motor power	7.5KW	5.5KW
Capacity for coolant	150L	100L
Overall dimensions (L x W x H)	1950 x 1650 x 1680 mm	2435 x 1270 x 1660 mm
Net weight	3400kg	3500kg

Factory in China

