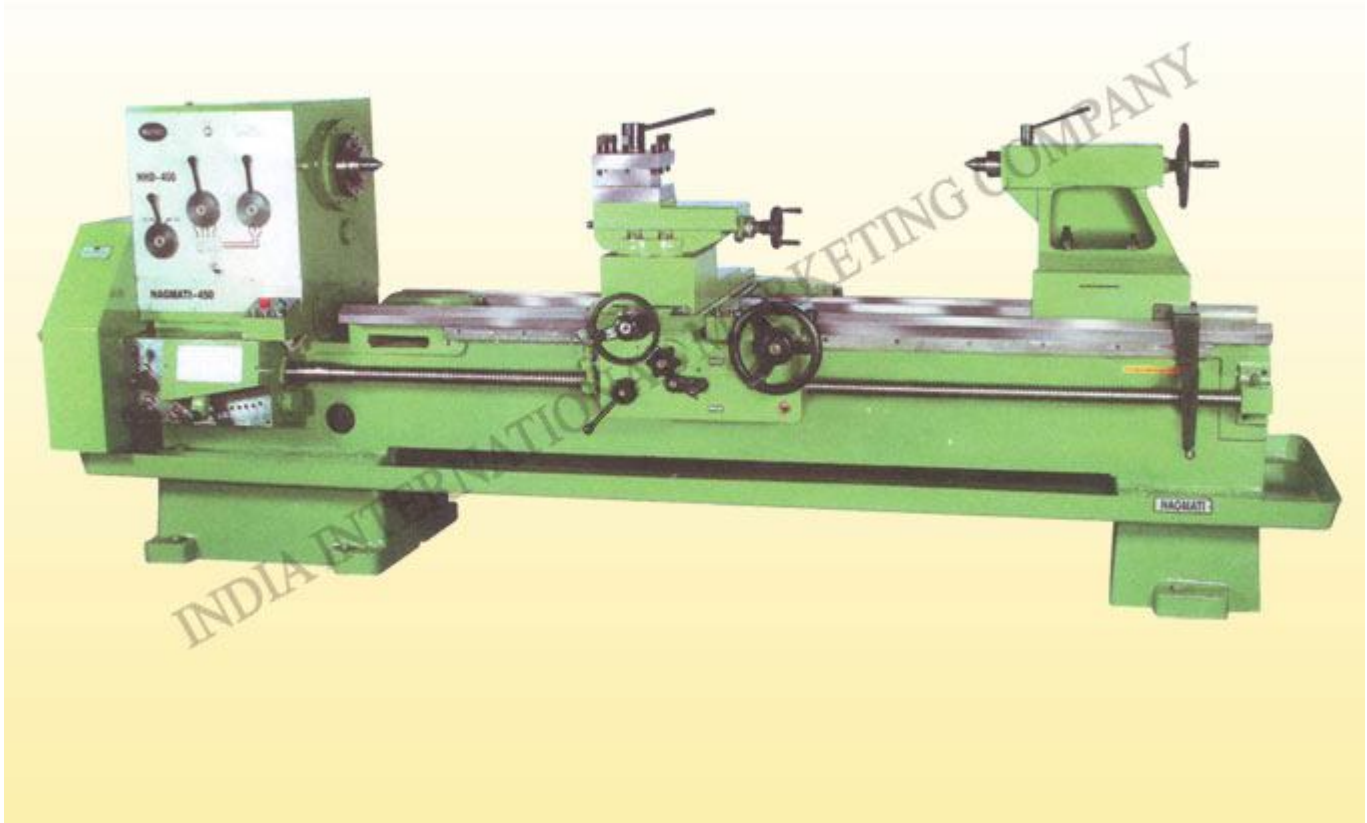




**INDIA INTERNATIONAL MARKETING COMPANY**



**ALL GEARED LATHE MACHINES - NAGMATI MODEL NHD 400 / 450 / 500**



### **Special Features**

- 1. Bed is made from 25 grade cast iron and bed guide ways hardened and precision ground.**
- 2. A2-8 type spindle nose.**
- 3. Spindle bore 104 mm.**
- 4. Force lubrication system in headstock.**
- 5. All the gears in headstock are made from alloy steel hardened and ground.**
- 6. Saddle mounted push button controls.**
- 7. Bed width 560 mm having 2 vee and 2 flat guideways.**
- 8. Accuracy confirming to IS 1878 (part I) 1993**

## TECHNICAL SPECIFICATIONS

Capacity	Standard	Optional	Optinal
Centre height over flat ways	400 mm	450 mm	500 mm
Swing over bed	820 mm	920 mm	1020 mm
Swing over cross slide	490 mm	590 mm	690 mm
Swing in gap	980 mm	1080 mm	1180 mm
Width of gap in front of face plate	300 mm	300 mm	300 mm
Bed width	560 mm	560 mm	560 mm
<b>Admit Between Centers</b>			
Nagmati 400/1000	1000 mm	1000 mm	1000 mm
Nagmati 400/2000	2000 mm	2000 mm	2000 mm
Nagmati 400/3000	3000 mm	3000 mm	3000 mm
Nagmati 400/4000	4000 mm	4000 mm	4000 mm
Nagmati 400/5000	5000 mm	5000 mm	5000 mm
<b>Headstock</b>			
Main spindle nose	A2-8 type	A2-8 type	A2-8 type
Main spindle love	104 mm	104 mm	104 mm
Taper in spindle	1:20	1:20	1:20
Taper in centre adaptor	MT 5	MT 5	MT 5
<b>Carriage</b>			
Cross slide travel	400 mm	450 mm	450 mm
Compound slide travel	180 mm	180 mm	180 mm
<b>Tailstock</b>			
Tailstock spindle dia.	85 mm	85 mm	85 mm
Taper bore in spindle	MT 5	MT 5	MT 5
Spindle travel	250 mm	250 mm	250 mm
<b>Spindle speeds</b>			
Number / range in rpm	8/24-700	8/24-700	8/24-700
<b>Feeds</b>			
Number of feeds	40	40	40
Longitudinal feed (mm/rev)	1.166-0.077	1.166-0.077	1.166-0.077
Cross feed (mm/rev)	0.24-0.015	0.24-0.015	0.24-0.015
<b>Lead Screw</b>			
Diameter/thread	50 mm / 2 TPI	50 mm / 2 TPI	50 mm / 2 TPI

<b>Threads</b>			
Metric No. Pitch	15/1-15mm	15/1-15mm	15/1-15mm
Inch No. / TPI	40/2-30 TPI	40/2-30 TPI	40/2-30 TPI
<b>Electricals</b>			
Main Motor	7.5/10 (KW/HP)	7.5/10 (KW/HP)	7.5/10 (KW/HP)
Power supply	440 V, 3 phase,50 HZ	440 V, 3 phase,50 HZ	440 V, 3 phase,50 HZ
Motor speed	1440 rpm	1440 rpm	1440 rpm

#### Floor space requirement and approximate net weight

Model	Length X width mm	App. Net Wt. Kg
NHD 400/1000	3050 X 1720	3600
NHD 400/2000	4050 X 1720	4100
NHD 400/3000	5050 X 1720	4700
NHD 400/4000	6050 X 1720	5200
NHD 400/5000	7050 X 1720	5800

#### Standard Accessories

Four position square tool post, dog plate, thread dial indicator, MT – 5 dead centre 2 nos. centre adaptor set of change rears, electric motor with electricals, vee belts, tail stock moving device, spanner for tool post bolt, instruction and spare part manual.

#### Extra Accessories

Face plate, chuck plate, 4 jaw dog chuck, 3 jaw self centering chuck, steady rest, follow rest, taper turning attachment, coolant pump with tank & fittings, rear splash guard, revolving centre MT-5, rear tool post machine lamp

Note : As improvements are constantly made in our machine, the specification are subject to change without notice and are not binding on us.



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