

An **Exprinced** Name  
in **Quality** Product



Model No.: ALD-1

Bed is made from 25 Grade Cast of 180 BHN Hardness and seasoned after rough machining to avoid stresses  
All major casting are seasoned for retaining built-in accuracy.  
Test Report as per indian Standard IS-1878 (part - 1)1971.  
More than 11000 machine are working satisfactorily all over india as well abroad.  
we also offer SPM as per customers requirement.

# Gear Head Light & Medium Duty Series

The descriptions of standard accessories confirms to it's list and not the photograph of the machine shown in the catalogue.

## Technical Data And Specifications

Specifications	Gear Head Light Duty Series	Gear Head Medium Duty Series
Centre Height over flat bed ways	165 m.m.	215 m.m.
Width of Bed	240 m.m.	280 m.m.
Swing Over Bed	320 m.m.	423 m.m.
Swing Over Cross Slide	180 m.m.	250 m.m.
Swing In Gap	510 m.m.	610 m.m.

## Model

Model	ALD-1	ALD-2	ALD-3	AMD-1	AMD-2	AMD-3
Length Of Bed	1375 m.m. (4'-6")	1600 M.M.(5'-3")	1825 m.m.(6')	1375 m.m. (4'-6")	1600 m.m. (5'-3")	1825 m.m. (6')
Admit Between Center	700 m.m.	930 m.m.	1160 m.m.	520 m.m.	740 m.m.	960 m.m.
Aprox Net Weight in kgs	550	625	700	750	850	1000

## Main Spindle

Type of Spindle Nose.	Threaded / A2-4	Threaded / A2-4
Spindle bore	38 m.m.	38 m.m.
Spindle Adapter Morse Taper	MT - 3	MT - 3
Spindle Speeds Nos. / RPM Range	8 / 48-1000	8 / 54-1200
Spindle Mounting on	Taper Roller Bearings	

## Tail Stock

Spindle Diameter	38 m.m.	50.8 m.m.
Spindle Travel	145 m.m.	145 m.m.
Spindle Morse Taper	MT - 3	MT - 4

## Leading Screw

Nos. of Threads / Range	Metric	17 / 0.5 m.m.To15 m.m. Pitch	
	Inch	40 / 2 to 60 TPI	
Leading Screw Dia		25.4mm x 4TPI	31.75mm x 4TPI

## Standard Accessories

• Flame Hardened Bed Ways	• Motor Pulley	• Chuck Back Plate	• Dead Centers 2 Nos.
• Norton Gear Box With Single Screw Shaft	• Thread Dial	• Center Adapter	• Tool Post Spanner

## Extra Accessories

• Ele. Motor, Push button, Switches, Wiring	• Face Plate	• Dog/True Chuck	• Rear Tool Post
• Taper Turning Attachments	• Carrier Plate	• Steady/Follow Rest	• Chip Guard
• Coolant Pump With Tank And Fittings	• Panel Board	• Electrical Switch Shaft	• V-belt & Fittings

**Note:** As improvements are constantly made in our machines, the above illustrations, specifications, dimensions and technical data are subject to modifications and change without prior notice and not binding on us.



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