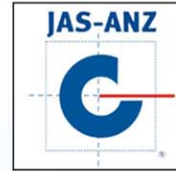




NSIC Approved
India's Largest Machine Tools Company



ALL GEARED LATHE (EXTRA HEAVY DUTY)

Features:

- **Bed** : It's deep wide and internally reinforced by a new and latest system of webs which enable it to take up heavy thrust of tools without vibration and is made of close grained cast iron, mixed with salts to attain requisite hardness & to prevent any possibility of distortion either horizontally or vertically. It is V-Type and accurately hand scrapped. A removable gap piece is fixed with 2 location pins for perfect alignment. The bed consists of three vees.
- **The Leadscrew** : is inch calibrated and is made of high resistant alloy steel, it has a large diameter and its thread has a very high degree of precision.
- **Head stock** : The flat seat of head stock over bed is perfectly matched by precision hand scrapping. Its spindle is made from high carbon steel which rotates on two cylindrical precision split type gun metal bushes of Grade-I composition both at the front and at the back for smooth running and perfect balancing and thrust of the spindle is taken by heavy duty thrust bearings. The machines are also made by fitting Taper Roller Bearings in the head stock.
- **Tail Stock** : It is strong, rigid and provided with set-over motion for taper turning. Its quill is fairly thick and properly graduated.
- **The Apron** : The Apron is of double wall design with automatic interlock to prevent simultaneous engagement of feed shaft and lead screw. All gears and bearings including worm have suitable oiling arrangement.
- **Carriage** : It is of robust design and provided with long carefully scrapped sliding surfaces. The swiveling compound slide is accurately indexed for taper turning and has a four-way steel turret tool post.

ALL GEARED LATHE – EXTRA HEAVY DUTY													
Model	ESSAL /EH-1626	ESSAL /EH-2026	ESSAL /EH-2230	ESSAL /EH-2630	ESSAL /EH-2632	ESSAL /EH-3036	ESSAL /EH-3042	ESSAL /EH-3646	ESSAL /EH-4046	ESSAL /EH-4048	ESSAL /EH-4860	ESSAL /EH-6066	ESSAL /EH-8072
Length of Bed	4900	6000	6100	7800	7900	9150	9150	12200	12200	12200	14600	18300	24400
Width of Bed	650	650	750	750	800	900	1050	1150	1150	1250	1500	1650	1800
Height of Center	600	600	700	700	750	850	1000	1100	1100	1150	1350	1500	1650
Distance Between Center	2850	4050	4000	5800	5500	6800	6700	8400	9600	9500	11900	15500	21500
Spindle Hollow	103	103	103	103	103	103	127	127	127	150	150	150	150
Swing over Saddle (Dia)	900	900	1100	1100	1200	1400	1650	1850	1850	1950	2300	2600	2900
Swing Over Bed (Dia)	1200	1200	1400	1400	1500	1700	2000	2200	2200	2300	2700	3000	3300
Swing Over Gap (Dia)	1700	1700	1900	1900	2000	2200	2500	2700	2700	2800	3200	3500	3800
No. of Spindle Speeds	8	8	8	8	8	8	8	8	8	8	8	8	8
RPM Range	05/01/50	05/01/50	05/01/50	05/01/50	03/01/85	03/01/85	03/01/85	02/01/50	02/01/50	02/01/50	02/01/50	02/01/50	01/01/40
Lead Screw Dia	60	60	60	60	60	60	75	75	75	75	85	85	85
Lead Screw Pitch T.P.I.	2	2	2	2	2	2	2	2	2	2	2	2	2
H.P. Recomm ended	10	10	15	15	20	20	25	30	30	30	40	50	50

Standard Accessories:

- Steady Rest
- Follow Rest
- Electric motor with control panel
- 3 Jaw Self Centering chuck 300 MM
- 4 Jaw Independent Chuck-500 MM

Optional Accessories

- Coolant Pump, Key Way Cutting Attachment
- Grinding Attachment
- Taper Turning Attachment
- D.R.O (Digital Read Out System)
- Rapid for longitudinal travel



ESSKAY INTERNATIONAL MACHINE TOOLS
29/23 DHIR ROAD BYE PASS BATALA.(P.B.)-INDIA.0091-9257227255 TOLL FREE NO. 1800-274-7255
Website WWW.esskaylathe.com E.mail- info@esskaylathe.com