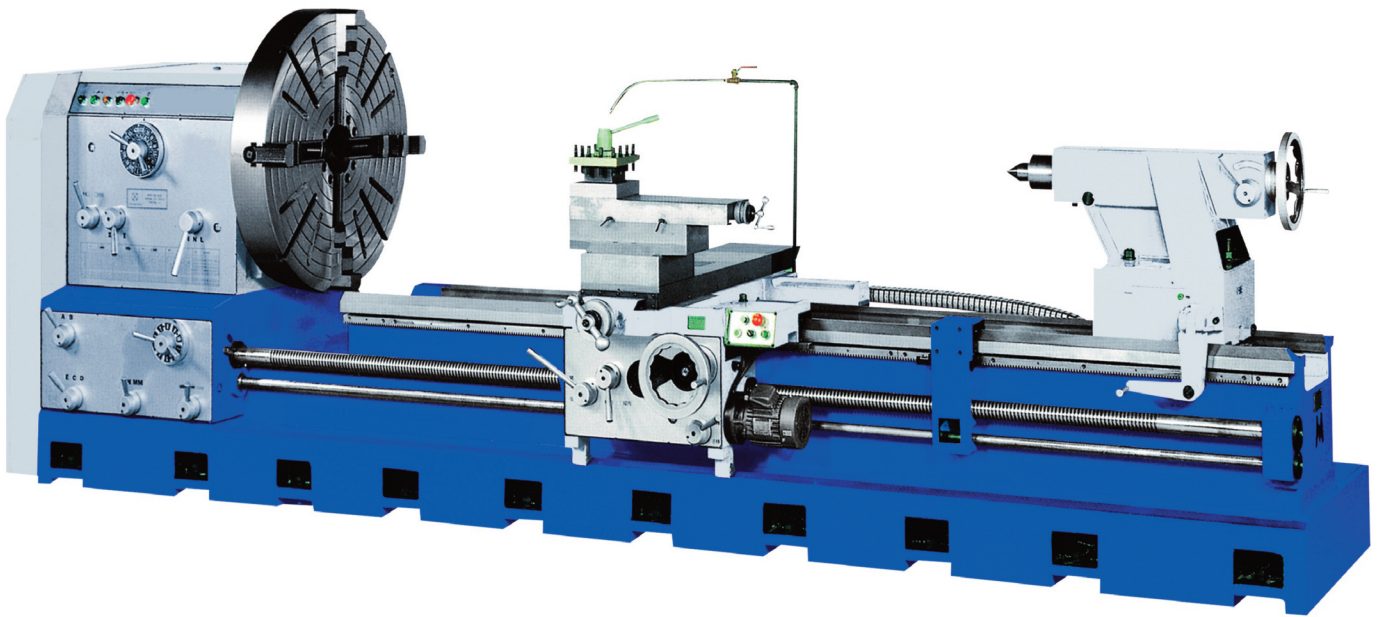




CENTRE LATHES

AJL 300/370/560/800



Machine Tool Exporters to the World since 1940

CENTRE LATHES

AJL 300-800

The bed casting is manufactured from high quality mehanite cast iron, induction hardened and precision ground. The headstock comprises of a hardened and ground steel main spindle, mounted on precision taper roller bearings, lubricated by an automatic system. The gearbox is a universal type, giving a wide range of metric and imperial threads. The saddle, designed to give maximum rigidity, all gears and shafts in the apron are hardened and ground and lubricated from a central oil bath. Electrically interlocked chuck guard and lead screw.



AJL 300/370

MODEL	AJL 300	AJL 370	AJL 560	AJL 800
Centre Height (mm)	300	370	560	800
Swing Over Bed (mm)	600	740	1,120	1,690
Swing Over Cross Slide (mm)	380	500	810	
Distance Between Centres	1,150-4,000	1,150 4,000	2,000-7,000	2,000-7,000
Swing in Gap (mm)	820	960	1,550	1,970
Cross Slide Travel (mm)	330	465	600	

BED				
Width (mm)	420	420	610	810

HEAD STOCK				
Spindle Nose	D1-11	D1-11	ASA A2-11	ASA A2-11
Spindle Bore (mm)	104	104	152 - 305	152 - 305
Spindle Taper (MT)	5	5	5	5
Number of Spindle Speeds	12	12	16	16
Range of Spindle Speeds (rpm)	25-1,200	25-1,200	4-420	4-420

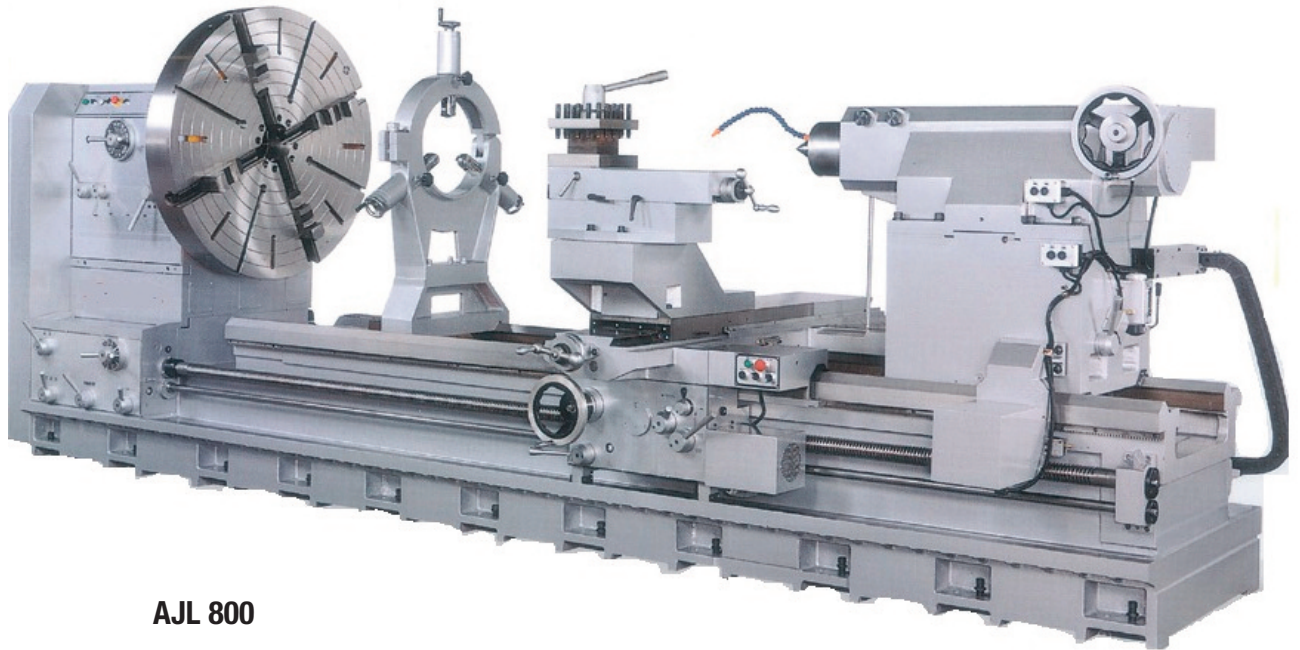
TAIL STOCK				
Spindle Diameter (mm)	80	80	115	200
Spindle Travel (mm)	250	250	305	305
Spindle Morse Taper	No. 5	No. 5	No. 6	No. 6
Lateral Movement of Tailstock (mm)	7	7	7	

FEEDS RANGE AND GEARBOX				
Range of Feeds (mm/rev)	0.03 - 0.73	0.03 - 0.73	0.03 - 0.73	0.03 - 0.73
Metric Threads (mm)	0.5-144 (31 off)	0.5-144 (31 off)	1-120 (62 off)	1-120 (62 off)
Imperial Threads (tpi)	2-56 (45 off)	2-56 (45 off)	0.25-30 (70 off)	0.25-30 (70 off)

MOTORS				
Main Motor (Hp)	15	15	20-25-30	30
Coolant Pump Motor (kw)	0.1	0.1	0.1	0.1

WEIGHT AND DIMENSIONS				
Floor Space (mm)	3,520x1,270 x2,030	3,520x1,270 x2,030	4,200-9,700 x1,700x2,000	
Net Weight kg	3,550	3,700	7,200-12,000	9,200-16,000

TECHNICAL SPECIFICATIONS



AJL 800

STANDARD EQUIPMENT INCLUDES:

- Coolant System
- Thread Dial Indicator
- Rapid feed system to long & cross travel
- Four Way Toolpost
- Low Volt Lighting
- Swarf/Coolant Trays
- Machine Levelling Bolts
- Combined Chuck Guard for 3 & 4 Jaw Chucks
- Centralised Lubrication
- Spindle Bush
- Rear Splash Guard for machines up to 5,000mm
- Operating & Spare Parts Manual

Ajax Machine Tools International Ltd
Unit 360, Ampress Lane, Ampress Park,
Lymington, Hampshire, UK SO41 8JX

Telephone: +44 (0)1590 676000 Fax: +44 (0)1590 676001
sales@ajax-mach.co.uk www.ajax-mach.co.uk

