



CENTRE LATHE EDUCATION MODEL

AJL160 ED



Machine Tool Exporters to the World since 1940

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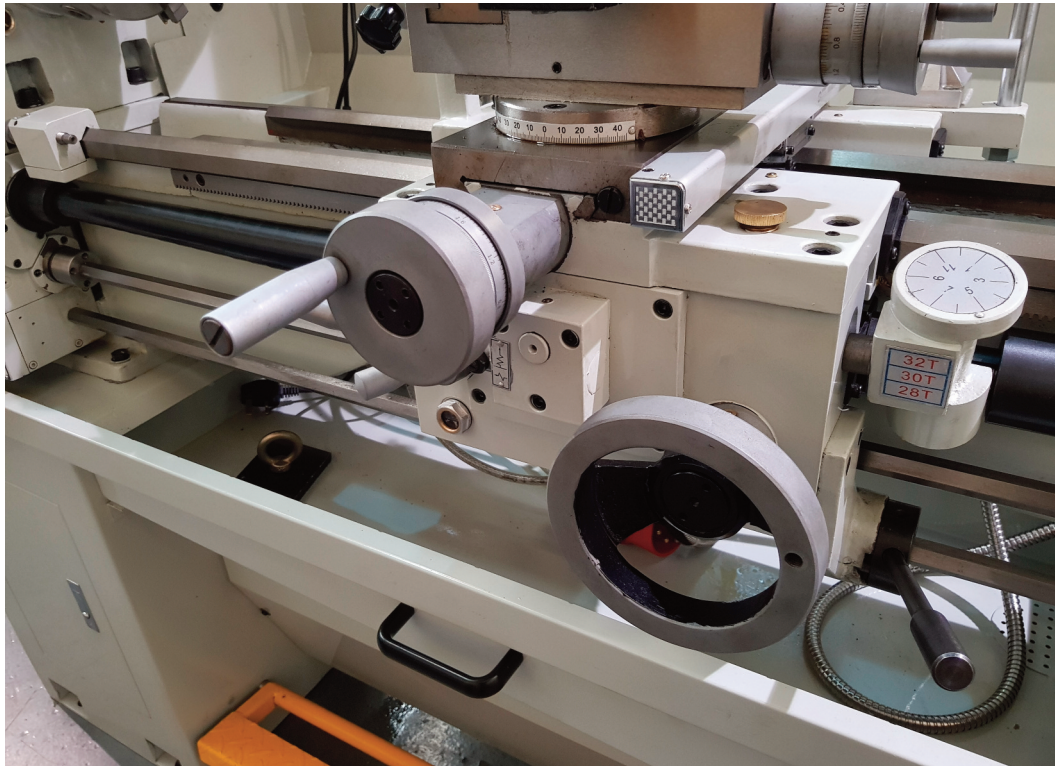
Ajax has been working in the educational sector for many years with 1000 of machines sold all over the world. We have now put all this knowledge together to produce a small lathe that will be ideal for this sector.

It has all the attributes of its bigger bothers with a wide selection of screw cutting sizes and feeds, comes standard with a 2 axis DRO 3 & 4 Jaw chucks, a face plate, fixed & traveling steadies so the student can work and understand all the principals of turning. The bed and gears in the headstock are all hardened to give the machine a long life. The chuck has an interlocked guard to protect the student from any flying parts also the tool post has a guard to contain the swarf. Under the bed is a swarf collecting tray which comes out of the front of the machine for ease of use.

All machines are covered by or 18 month warranty.

In the UK Ajax can offer an extended warranty to cover any damage accidental or otherwise for up to 5 years, ask for a price.





MODEL	AJL160 ED
Centre Height	180 mm
Swing over bed	360 mm
Swing over cross slide	230 mm
Distance between centres	1000 mm
Width of bed	190 mm
Maximum swing in gap	460 mm
Length of Gap	210mm
HEADSTOCK	
No of spindle speeds	8
Spindle speed range	70 – 2,000 RPM
Spindle nose	D1-4 Camlock
Spindle bore	40mm
Spindle taper	No.4 MT
FEEDS AND THREADS	
No. of feeds	32
Range of longitudinal feeds	0.052-1.39 mm/rev
Range of cross feeds	0.009-0.253 mm/rev
Range of metric threads	26 x 0.4 - 7 mm
Range of imperial threads	4 x 56 - 4 T.P.I
SADDLE	
Cross slide width	130 mm
Cross slide travel	200 mm
Compound slide travel	95mm
Tooling size	16 x 16mm
TAILSTOCK	
Quill diameter	32 mm
Quill morse taper	No.3
Quill travel	110 mm
MOTORS	
Main motor	1.5kw 2HP
Coolant pump motor	40 W

TECHNICAL SPECIFICATION

STANDARD ACCESSORIES

2 Axis Sino Digital Readout.
160mm 3 Jaw chuck
200mm 4 Jaw chuck
210mm Face plate
2 Point 10 - 95mm Traveling Steady
3 Point 10 – 80mm Fixed steady
Drill chuck & arbor
Foot Operated Brake
Coolant System
Thread Dial Indicator
4 Way tool post
Low Volt Lighting
Swarf/Coolant Trays
Machine Leveling Bolts
Combined Chuck Guard for 3 and 4 Jaw Chucks
Work Zone guard
Centralised Lubrication
Spindle Bush, 2 Solid Centre's, 1 x MT.4, 1 x MT.3
Splash Guard
Operating & Spare Parts Manual



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