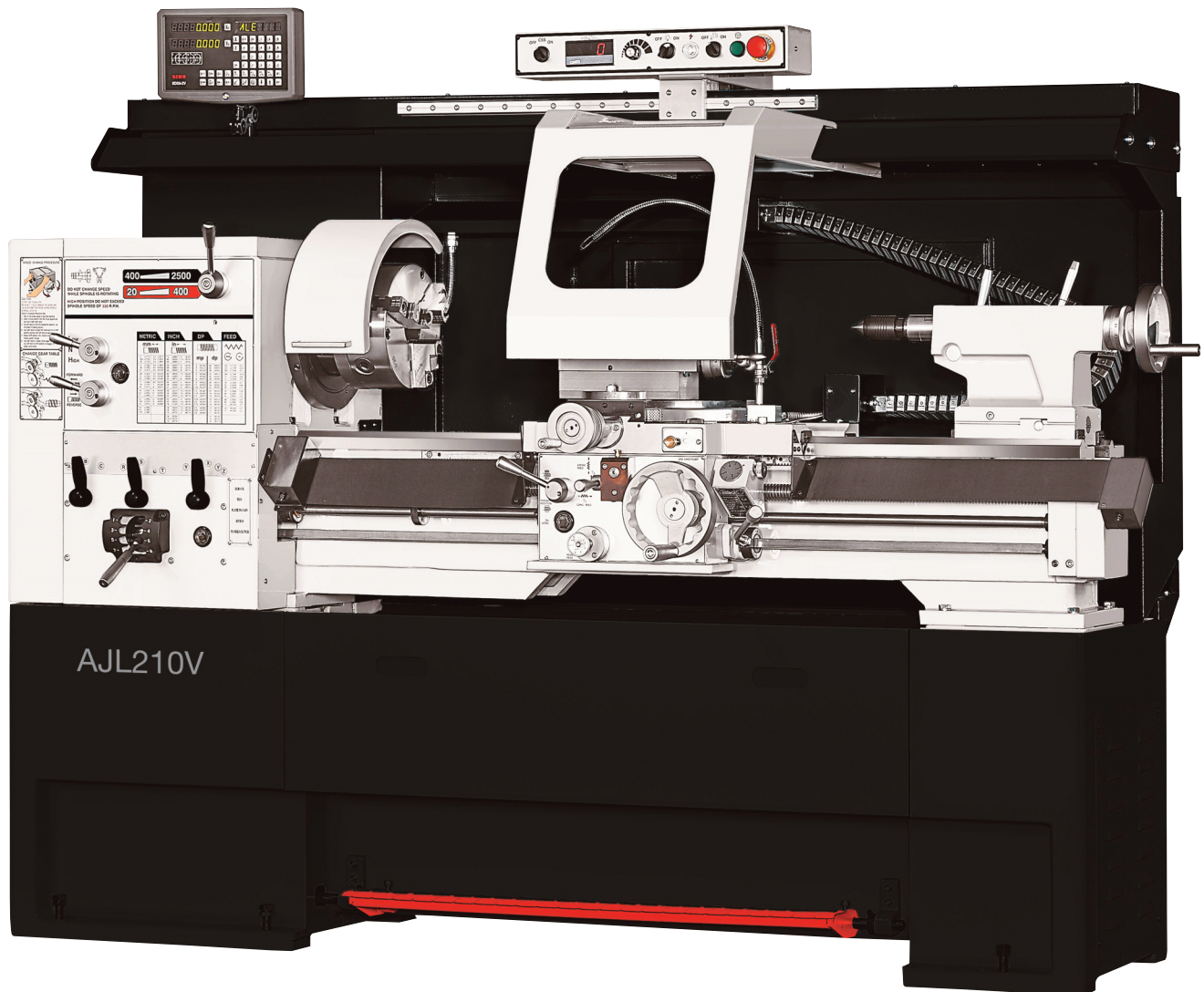




# AJAX GAP BED CENTRE LATHES

**AJL165V - 380V**

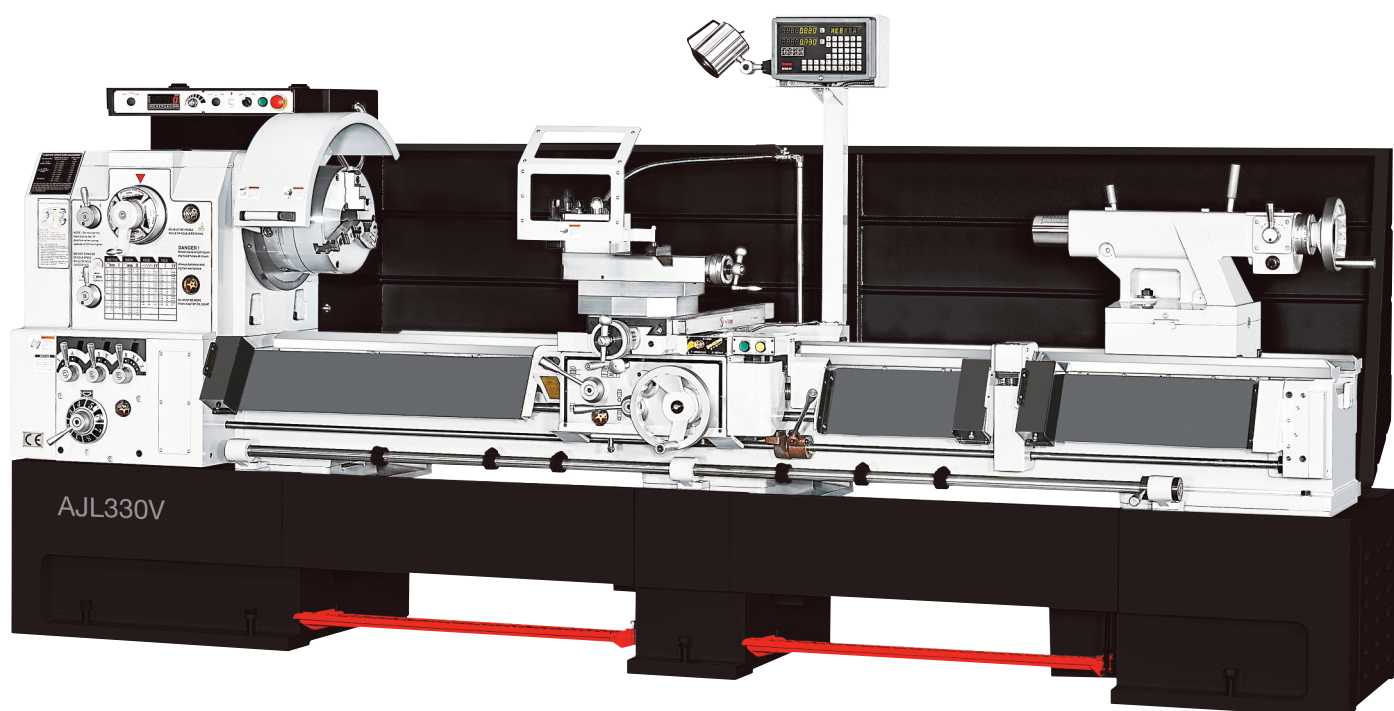


Machine Tool Exporters to the World since 1940

# AJAX GAP BED CENTRE LATHES

**AJL165V - 380V**

These quality built gap bed centre lathe are easy to use, quick & practical. The modern day answer to manual turning with a modern proven design & faultless construction. With high safety standards this machine exceeds CE and HSE requirements. CE & CA Marked as standard.



**AJL330V**

A wide range of speeds with an inverter to give you full variable speed, feeds and screw-cutting options gives this machine a head start over the competition. We can also offer delivery, installation & training to suit your requirements. Designed & built to run for the next 20 years without repair.

## **STANDARD FEATURES INCLUDE:**

3 jaw chuck. High power worklight built into the machine guard. Induction hardened and ground one piece beds. Easily selectable spindle speeds in geometric progression. Headstock gears are case hardened and ground splined shafts which turn on roller bearings. The universal gearbox is totally enclosed and provides a range of metric or imperial threads. Saddle gearbox enables selection of feed to x and y axis, or to screw cutting and is available in left or right hand form. CE & CA mark as standard.

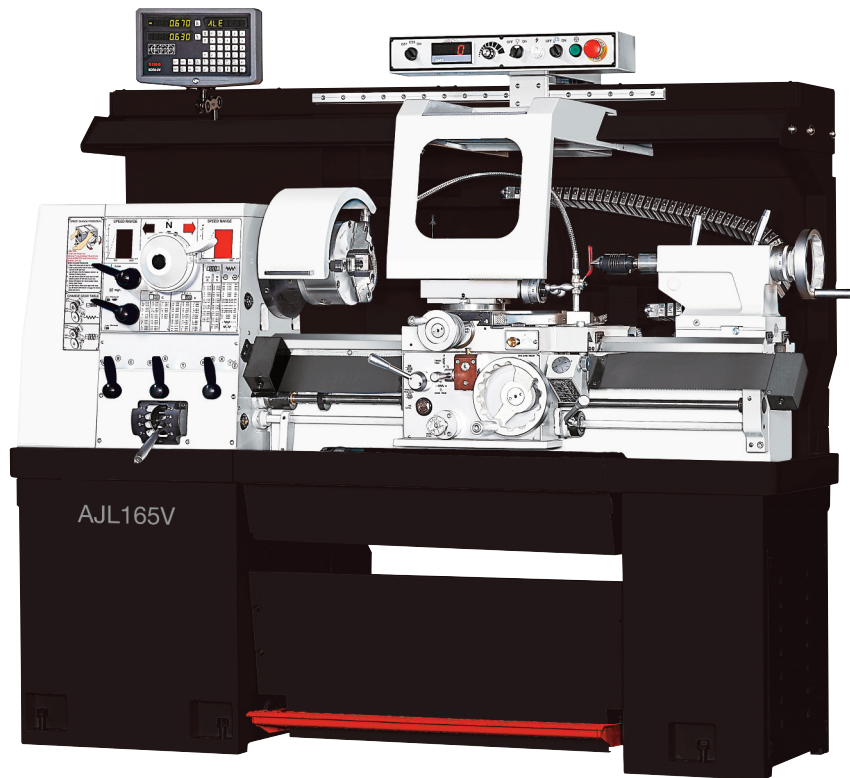
## **OPTIONS:**

3 jaw chucks. Quick change tool post with 4 holders. 4 jaw chucks. Face plates. Steadies, centres and revolving centres. Taper turning. Grinding Attachment. Digital readouts. Tooling packages.

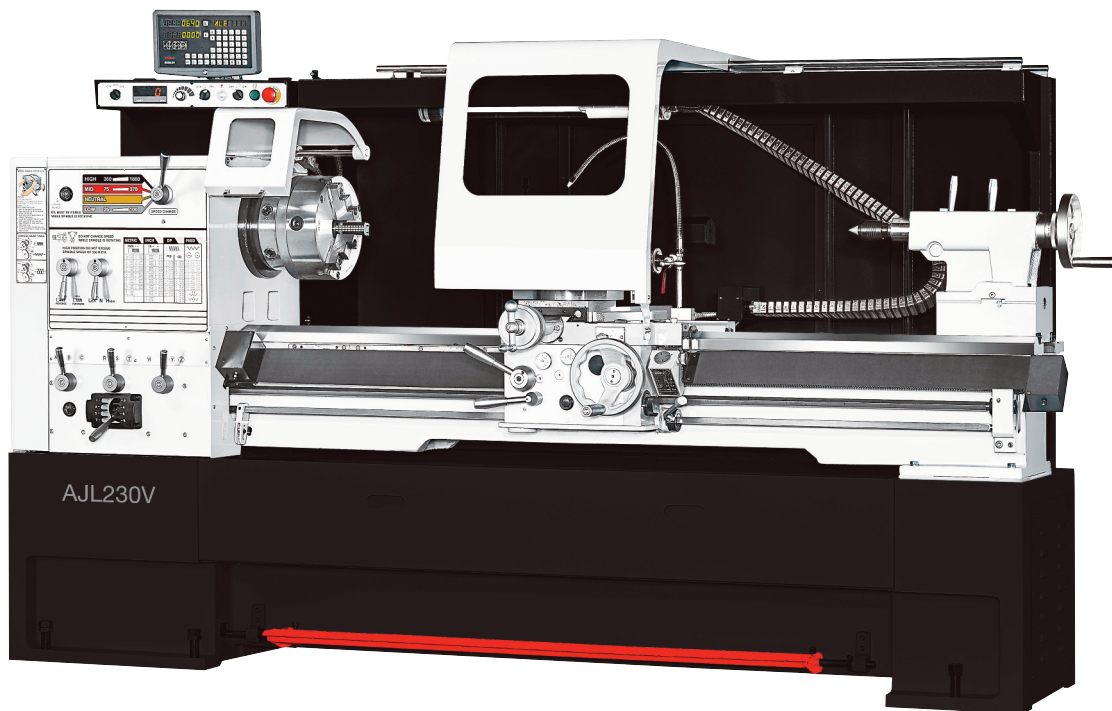
MODEL	AJL165V	AJL210V	AJL230V	AJL260V	AJL280V HD	AJL330V HD	AJL380V
Centre Height (mm)	170	205	230	271	280	330	380
Swing Over Bed (mm)	342	410	430	542	560	660	760
Distance Between Centres (mm)	760 or 1,000	800 - 1,500	1,000 - 2,200	1,000 - 2,200	1,000 - 5,000	1,000 - 5,000	1,000 - 5,000
Swing Over Cross Slide (mm)	205	262	305	387	340	445	548
Swing in Gap (mm)	512	583	650	730	797	892	990
Cross Slide Travel (mm)	180	220	250	300	400	400	400
Top Slide Travel (mm)	95	125	150	150	228	228	228
BED							
Width (mm)	230	260	320	320	400	400	400
HEADSTOCK							
Spindle Nose	D1-4	D1-6	D1-6	D1-8	D1-11	D1-11	D1-11
Spindle Bore (mm)	40	52	52	80	104	104	104
Taper Reduction in Sleeve (MT)	5	6	4	5	5	5	5
Number of Spindle Speed Ranges	2	2	2	3	4	4	4
Range of Spindle Speeds (rpm)	100 - 3,000	20 - 2,500	25 - 2,000	25 - 1,800	20 - 1,600	20 - 1,600	20 - 1,600
TAILSTOCK							
Quill Diameter (mm)	50	52	60	60	80	80	80
Quill Travel (mm)	112	152	205	153	250	250	250
Quill Internal Taper	3 MT	4 MT	4 MT	4 MT	5 MT	5 MT	5 MT
FEEDS RANGE AND GEARBOX							
Cross feeds (mm/rev)	0.025 - 0.85	0.025 - 0.85	0.02 - 0.5	0.02 - 0.5	0.011 - 0.296	0.011 - 0.296	0.011 - 0.296
Longditudinal feeds (mm/rev)	0.05-1.7	0.05-1.7	0.4-1	0.4-1	0.035-0.98	0.035-0.98	0.035-0.98
Metric Threads (mm)	(39) 0.2-14	(39) 0.2-14	(39) 0.2-14	(39) 0.2-14	(39) 0.2-14	(39) 0.2-14	(39) 0.2-14
Imperial Threads (tpi)	(45) 2-72	(39) 0.2-14	(45) 2-72	(45) 2-72	(44) 2-72	(44) 2-72	(44) 2-72
Module Threads (mod)	(18) 0.5-3.5	(18) 0.3-3.5	(18) 0.3-3.5	(18) 0.3-3.5			
Diametrical Threads (dp)	(21) 4-44	(21) 8-44	(21) 8-44	(21) 8-44			
Pitch of leadscrew (mm)	6	6	6	6	6	6	6
MOTORS							
Main Motor (Kw)	2.2	3.7	7.5	10	11.25	11.25	11.25
Coolant Pump Motor (Kw)	0.09	0.09	0.09	0.09	0.09	0.09	0.09

# TECHNICAL SPECIFICATIONS





**AJL165V**



**AJL230V**



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