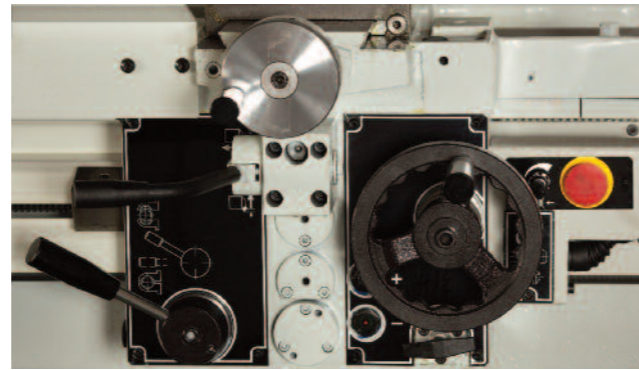




AJ 260VS



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Varispeed Centre Lathes

350-625mm swing



Ajax Machine Tools

Machine Tool Exporters to the World

▶▶▶▶▶ Varispeed Centre Lathes

350-625MM SWING

The New Range of AJVS lathes have variable speed operated from the saddle with 3 spindle speed ranges, also available through a DRO system is constant surface speed to give that perfect finish. With a good design and solid construction these lathes represent one of the only machines still built in Europe to high quality and european standard. Not built to a price, build to do the job.

These quality european built lathes are easy to use, quick & practical. The modern day answer to manual turning with a modern proven design & faultless construction.



AJ 200VS



MAIN FEATURES INCLUDE:

- Induction hardened and ground one piece beds
- 4 way toolpost
- Easily selectable spindle speeds in geometric progression
- Headstock gears are case hardened and "Reishauer" ground splined shafts which turn on anti-friction 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 mark

OPTIONS:

- 3 and 4 jaw chucks
- Taper turning
- Steadies, centres and revolving face plates
- Quick-change tool post
- 2 axis Anilam digital readouts

MODEL	AJVS-165	AJVS-180	AJVS-200	AJVS-225	AJVS-260	AJVS-310
Centre Height	165mm	180mm	200mm	225mm	260mm	310mm
Swing Over Bed	335mm	360mm	400mm	450mm	530mm	620mm
Distance Between Centres	750/1000mm	750/1000mm	1150/1650mm	1150/1650mm	1150/1650/ 2225/3150mm	1150/1650/ 2225/3150mm
Swing Over carriage	310mm	335mm	370mm	410mm	475mm	580mm
Swing Over Cross Slide	175mm	205mm	210mm	260mm	325mm	425mm
Swing in Gap	490mm	520mm	600mm	645mm	780mm	880mm
Gap Length in Front of Face Plate	130mm	130mm	160mm	160mm	215mm	200mm
Cross Slide Travel	245mm	245mm	300mm	300mm	355mm	365mm
Top Slide Travel	120mm	120mm	130mm	130mm	165mm	165mm

BED						
Width	250mm	250mm	300mm	300mm	350mm	350mm

HEADSTOCK						
Spindle Nose	Cam Lock D 1-5"	Cam Lock D 1-5"	Cam Lock D 1-6"	Cam Lock D 1-6"	Cam Lock D 1-8"	Cam Lock D 1-8"
Spindle Bore	42mm	42mm	52mm	52mm	80mm	80mm
Taper Reduction in Sleeve	4 MT	4 MT	4 MT	4 MT	5 MT	5 MT
Number of Spindle Speed ranges	3	3	3	3	3	3
Range of Spindle Speeds	0 - 2500 rpm	0 - 2500 rpm	0 - 2300 rpm	0 - 2300 rpm	0 - 1700 rpm	0 - 1700 rpm

TAILSTOCK						
Quill Diameter	48mm	48mm	58mm	58mm	72mm	72mm
Quill Travel	140mm	140mm	155mm	155mm	180mm	180mm
Quill Internal Taper	3 Mt	3 Mt	4 Mt	4 Mt	5 Mt	5 Mt

FEEDS RANGE AND GEARBOX						
Logitudinal feeds (mm / rev)	0.05 - 0.75	0.05 - 0.75	0.05 - 0.75	0.05 - 0.75	0.05 - 1.5	0.05 - 1.5
Cross feeds (mm / rev)	0.025 - 0.375	0.025 - 0.375	0.025 - 0.375	0.025 - 0.375	0.025 - 0.75	0.025 - 0.75
Metric Threads (mm)	0.5 - 7.5	0.5 - 7.5	0.5 - 7.5	0.5 - 7.5	0.5 - 15	0.5 - 15
Imperial Threads (tpi)	4 - 60	4 - 60	4 - 60	4 - 60	2 - 60	2 - 60
Module Threads (mod)	0.25 - 3.75	0.25 - 3.75	0.25 - 3.75	0.25 - 3.75	2 - 60	2 - 60
Diametrical Threads (dp)	8 - 120	8 - 120	8 - 120	8 - 120	4 - 120	4 - 120
Pitch of leadscrew	6mm	6mm	6mm	6mm	6mm	6mm

MOTORS						
Main Motor	4 kW	4 kW	5.5 kW	5.5 kW	7.5 kW	7.5 kW
Coolant Pump Motor	0.06 kW	0.06 kW	0.06 kW	0.06 kW	0.06 kW	0.06 kW

WEIGHT AND DIMENSIONS						
Floor Space (mm)	1900 x 950/ 2170 x 950	1900 x 950 / 2170 x 950	2380 x 995 / 2880 x 995	1275 + DBC x 1015	1375 + DBC x 1015	1375 + DBC x 1015
Net Weight kg	880 / 900	950 / 100	1235 / 1325	1150 / 1470	1150 / 1690	1150 - 1700

