

ALTO

Universal Swivel Head Milling Machine

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Vertical Milling Machine



TECHNICAL DATA				
Model	Unit	LM-1450	U26W	
Table overall size(LxW)	mm	1250 X 360	1120x260	
T-slots No./Width/CD	mm	3-18-80	5-14-63	
Distance from spindle nose to table	mm	0 - 400		
Longitudinal movement				
Automatic	mm	960	600	
Manual	mm	1000	600	
Traverse movement				
Automatic	mm	280	240	
Manual	mm	300	240	
Vertical movement				
Automatic	mm	360	380	
Manual	mm		380	
Spindle taper	ISO	40(H),40(V)	ISO40	
Maximum dia of Face mill cutter	mm	300	125	
Vertical milling head swiveling to both side (Graduated upto 50 deg)	degrees	360		
Speed Range	rpm	35 - 1600	45-1660	
No. of Speeds	Nos.	12	11	
No. of Feeds	Nos.	11	11	
Feed range(Prog.1.25)				
longitudinal	mm/min	25 - 555	18 - 310	
Transverse	mm/min	25 - 555	18 - 310	
Vertical	mm/min			
Rapid traverse				
Longitudinal	mm/min	660		
Transverse	mm/min	660		
Vertical	mm/min	590	600	
Milling spindle motor	KW	3	2.2	
Feed motor	KW	0.75/1.1	0.37/0.75	
Weight/Net(approx.)	Kg	2700	1700	
Safe Weight recommended on Table	Kg	400	300	
Dimensions - L X W X H	mm	1900x1720x1750	1665x1500x1730	

*As there are regular improvements made on the machines, Specifications are subject to change without notice.

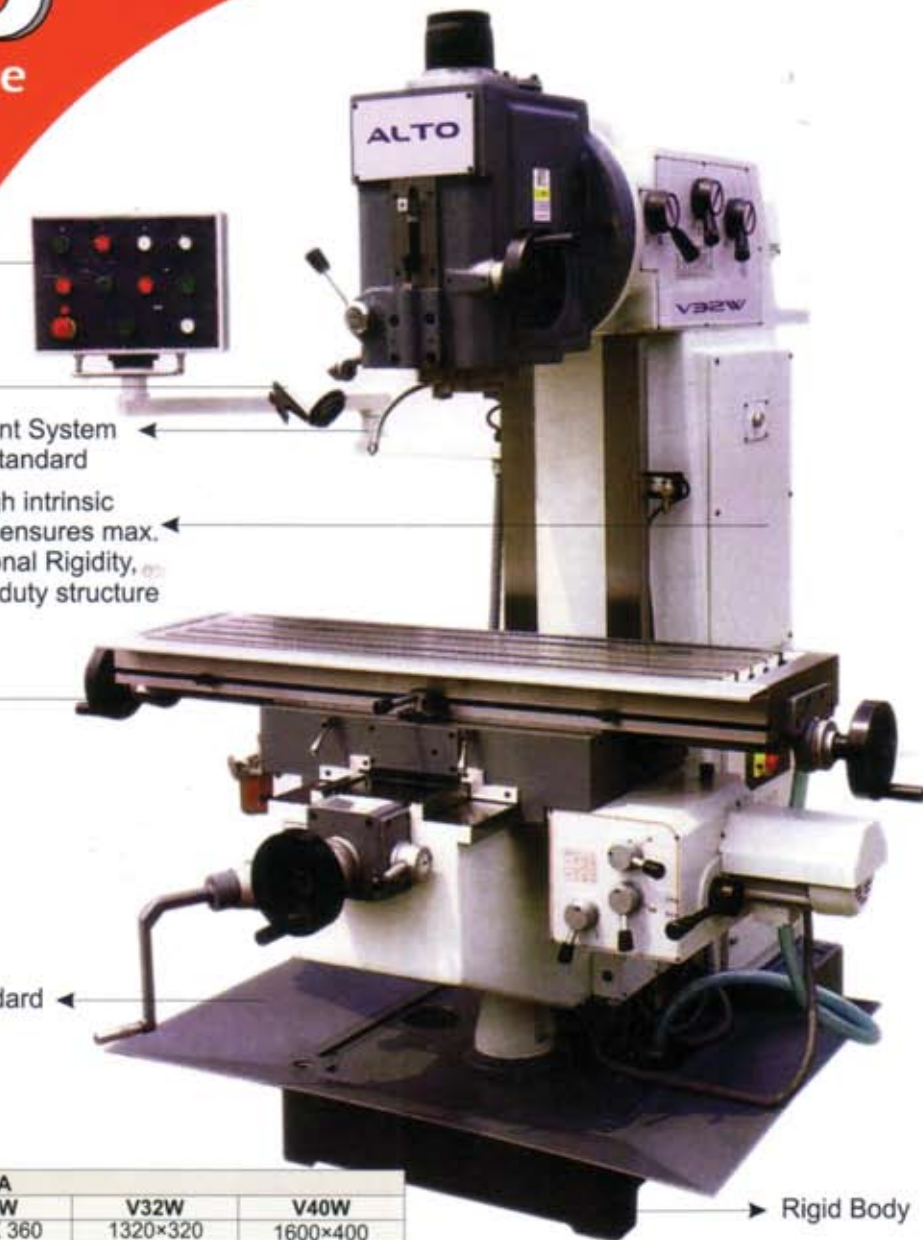
Swing arm type electric control panel is standard

Machine Lamp

All 3 axis auto feeds & rapids

Chip tray is standard

Coolant System is standard
High intrinsic weight ensures max. torsional Rigidity, Heavy duty structure



V31W / V32W

TECHNICAL DATA				
Model	Unit	V31W	V32W	V40W
Table overall size(LxW)	mm	1250 X 360	1320x320	1600x400
T-slots No./Width/CD	mm	3-18-80	3-18-70	3-18-90
Distance from spindle nose to table	mm	0 - 400	45 - 455	30 - 500
Longitudinal movement				
Automatic	mm	600	680	880
Manual	mm	600	700	900
Traverse movement				
Automatic	mm	320	240	300
Manual	mm	320	255	315
Vertical movement				
Automatic	mm	400	330	365
Manual	mm		350	385
Quill stroke	mm		70	85
Quill stroke - Auto & Manual - AM / Manual - M	mm		M	M
Spindle taper	ISO	50(H),40(V)	50	50
Maximum dia of Drilling	mm			
Maximum dia of Face mill cutter	mm	200	300	300
Vertical milling head swiveling to both side (Graduated upto 50 deg)	degrees	45	±45°	±45°
Speed Range	rpm	60 - 1700	30-1500	30-1500
No. of Speeds	Nos.	12	18	18
No. of Feeds	Nos.	12	18	18
Feed range(Prog.1.25)				
longitudinal	mm/min	25 - 555	23.5 - 1180	23.5 - 1180
Transverse	mm/min	25 - 555	23.5 - 1180	23.5 - 1180
Vertical	mm/min		8 - 394	8 - 394
Rapid traverse				
Longitudinal	mm/min	810	2300	2300
Transverse	mm/min	810	2300	2300
Vertical	mm/min	590	770	770
Milling spindle motor	KW	4	7.5	11
Feed motor	KW	0.75	1.5	3
Weight/Net(approx.)	Kg	2200	2800	4250
Safe Weight recommended on Table	Kg	300	400	500
Dimensions - L X W X H	mm	1700 x 1680 x 1880	2294X1770X1904	2556x2159x2298

V40W

* V40W can be offered with ball screws optionally



WORLD CLASS

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