

HEAVY DUTY



NEW

FEATURES

- × Rectangular table guideways with high stability
- × Hardened and ground table surface
- × Automatic feeds on x,y axis, motorized lifting and lowering of table on Z axis.
- × Headstock swivels $\pm 45^\circ$

SPINDLE FEED AUTO

HV3CW

TECHNICAL DATA

Model	Unit	HV2CW	HV2CW-A	HV2CW-AX	HV3CW
Table overall size(LxW)	mm	1120x280	1120x280	1120x280	1320x320
T-slots No./Width/CD	mm	5-14-63	5-14-63	5-14-63	5-14-63
Distance from spindle nose to table	mm	90 - 400	90 - 400	90 - 400	180-580
Distance from spindle axis to vertical column guideways (only for bed type)	mm				
Swivel range of table to both side	degrees				
Longitudinal movement					
Automatic	mm	600	600	600	750
Manual	mm	600	600	600	800
Traverse movement					
Automatic	mm		240	240	300
Manual	mm	230	240	240	300
Vertical movement					
Automatic	mm			360	400
Manual	mm	310	360	360	400
Quill stroke	mm	120	120	120	120
Quill stroke - Auto & Manual - AM / Manual - M	mm	M	AM	AM	AM
Spindle taper	ISO	40	40	40	40
Maximum dia of Drilling	mm	50	50	50	50
Maximum dia of Face mill cutter	mm	100	125	125	125
Vertical milling head swiveling to both side (Graduated upto 50 deg)	degrees	$\pm 45^\circ$	$\pm 45^\circ$	$\pm 45^\circ$	$\pm 45^\circ$
Speed Range	rpm	110-1760V/38-1310H	110-1760V/38-1310H	110-1760V/38-1310H	90-2000(V),38-1310(H)
No./progression					
No. of Speeds	Nos.	8V/12H	8V/12H	8V/12H	8V/12H
No. of Feeds	Nos.	8	8	8	8
Feed range(Prog.1.25)					
longitudinal	mm/min	24 - 720	24 - 720	24 - 720	20-360
Transverse	mm/min				20-360
Vertical	mm/min				600
Rapid traverse					
Longitudinal	mm/min				1200
Transverse	mm/min				1200
Vertical	mm/min				600
Milling spindle motor	KW	0.85/1.5V 2.2H	0.85/1.5V 2.2H	0.85/1.5V 2.2H	2.2
Feed motor	KW	0.37	0.37	0.37	0.55
Weight/Net(approx.)	Kg	1500	1600	1600	2200
Safe Weight recommended on Table	Kg	300	300	300	400
Dimensions - L X W X H	mm	1580x1300x2250	1520x1285x2150	1520x1285x2150	1710X1720X2330

WORLD CLASS

ALTO

Horizontal & Vertical Milling Machines



ALL IN ONE

Unique Design

HV2CW



X axis auto feed & rapids



HV2CW-A



Spindle Feed Auto



X & Y axis auto feed & rapids



HV2CW-AX



* Spindle feed auto for Hv2CW-A & Hv2CW-AX models only

Sold & Serviced in India by:
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*As there are regular improvement made on the machines during production, Specifications are subject to change without notice.

ALTO

Horizontal & Vertical Milling Machine

Technical Specification

Specifications	Units	HV1CW
Table Size	mm	800 x 240
Table Travel	mm	285 x 200
Distance from spindle nose to table surface	mm	60 - 390
Max. drilling dia	mm	50
Max. end milling width	mm	100
Max. vertical milling dia	mm	25
Max. tapping dia		M16
Spindle speed range	rpm	115-1750(V) 58-1355(H)
Spindle Travel	mm	120
Overall dimension	mm	1290x1220x2100
Spindle Motor Power	kw	0.85/1.5
Machine Weight	kg	970



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