

OPERATION MANUAL

GANESH[®]

Ganesh Machinery

The Next Generation of Machine Tools



SELLING IN USA
SINCE 1985

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2.3 MACHINE SPECIFICATION

Swing over bed.....560mm(22''),660mm(26''),760mm(30'')
 Swing over cross slide.....280mm(11''),380mm(15''),480mm(19'')
 Swing in gap diameter (Optional)...760mm(30''),860mm(33-3/4''),960mm(37-3/4'')
 Length of gap in spindle nose (Opt)420mm(16-1/2'')
 Center height.....280mm(11''),330mm(13''),380mm(15'')
 Center admits between.....1000mm(39-3/8''),1500mm(59''),
 2000mm(78-3/4''),3000mm(118''),
 4000mm(157-1/2'')

Bed width.....460mm(18'')
 Bed length.....2500mm(98-3/8''),3000mm(118''),
 3500mm(137-3/4''),4500mm(177''),
 5500mm(216-1/2'')

Bed height.....400mm(15-3/4'')
 Motor for main spindle.....15HP For spindle bore 86mm(20HP,Optional)
 20HP For spindle bore 105mm
 25HP For 30CNC

Motor for coolant pump.....1/4HP

The headstock noise level under 85db before machine delivered from manufacturer

MODEL	22A/26A	22B/26B	22C/26C	22D/26D	30
Spindle speed.....	15-1500	20-2000	12-1200	16-1600	10-1000
Spindle nose no..	D1-8	A2-8	D1-11	A2-11	A2-11
Spindle bearing ..	Taper roller	Cylindrical	Taper roller	Cylindrical	Taper roller
type		roller		roller	

Spindle taper in nose/sleeve.....MT#6

Spindle bore.....	86mm(3-3/8'')	105mm(4-1/4'')	170mm(6-5/8'')
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Longitudinal travel (Z-axis).....900mm,1400mm,1900mm,2900mm,
 3900mm (taper roller bearing spindle)
 820mm,1320mm,1820mm,2820mm,
 3820mm (cylindrical roller bearing spindle)

Cross slide travel (X-axis).....310mm(12-1/5'') for swing 22''
 360mm(14'') for swing 26''

Cross slide dimension.....1000mm(39-3/8'') X 258mm(10-1/8'')

Tailstock Quill diameter.....90mm(3-1/2'')

Quill travel.....200mm(7-7/8'')

Quill taper.....MT#5

Ballscrew diameter X-axis.....	32mm(1-1/4")
Z-axis.....	50mm(2")
Servo motor for X-axis.....	AC1.5KW
Z-axis.....	AC2.0KW
Rapid traverse X-axis.....	10m/min.
Z-axis.....	10m/min.
Machine dimension L.....	3700mm(145-5/8"), 4200mm(165-3/8"), 4700mm(185"), 5700mm(224-1/2"), 6700mm(263-3/4")
W.....	2000mm(78-3/4")
H.....	1700mm(67") for 22/26CNC 1800mm(71") for 30CNC
Machine packing dimension LXWXH.	156"X90"X80", 176"X90"X80", 195"X90"X80", 235"X90"X80", 274"X90"X80"
Machine net weight.....	3900kgs, 4200kgs, 4600kgs, 4900kgs, 5800kgs
Machine gross weight.....	4700kgs, 5000kgs, 5400kgs, 5700kgs, 6600kgs

Chuck using:

- *The maximum 10"-3-jaw universal chuck for spindle nose D1-8
- *The maximum 12"-3-jaw universal chuck for spindle nose D1-8
- *The maximum 15"-3-jaw universal chuck for spindle nose D1-11, A2-11
- *The maximum 16"-3-jaw universal chuck for spindle nose D1-11, A2-11
- *The maximum 16"-4-jaw independent chuck for spindle nose D1-8
(The high speed range under 300 r.p.m.)
- *The maximum 18"-4-jaw independent chuck for spindle nose D1-8
(The high speed range under 300 r.p.m.)
- *The maximum 22"-4-jaw independent chuck for spindle nose D1-11, A2-11
(The high speed range under 200 r.p.m.)
- *The maximum 24"-4-jaw independent chuck for spindle nose D1-11, A2-11
(The high speed range under 200 r.p.m.)