

Conventional Milling Machine Size -4



SALIENT FEATURES :

- Casting as Per IS 210; Grade FG 260 & Stress Relieved for Sustained Accuracy
- Hardened & Ground Alloy Steel Gears
- Servo Motor Operated Feeds & Rapid Traverses
- Central Lubrication for Guide ways & Lead Screws
- Wide Range of Feed & Speeds
- Splash Lubrication for Speed & Feed Gearing
- Table-Slide With Dovetail Guide ways Cross-Slide & Knee-Slide Having Flat Guide ways With Wedges Providing Strength to Withstand Heavy Cutting Forces
- Main Spindle Made of Alloy Steel Mounted on Taper Roller Bearings Ensure Vibration Free Cutting

STANDARD ACCESSORIES

- Electric Motors With Control Gear
- All Axis Feeds Box Equipped With Servo Motor
- Milling Arbor Size: 25.4 Mm (For Universal & Horizontal Model Only)
- Coolant System
- Machine Lamp
- Ball Screw for Vertical
- Knee Movement
- Auto Lubrication System Set of Requisite Tools
- Instruction & Spare Parts Manual

OPTIONAL ACCESSORIES:

- Universal Dividing Head of Size: 135 mm
- Rotary Table Size: 300 mm
- Swivel Machine Vice
- Collets Chuck (ISO 40)
- Stub Arbor Size: 16/22/27/32 mm
- Conical Type Collet
- Vertical Head With Quill Traverse
- Face Milling Cutter Size: 125mm Without Indexable Inserts with Suitable Arbor
- Vertical Milling Attachment (for SU And SH Models)
- Rack Cutting Attachment (for SU & SH Models)
- Slotting Attachment (for SH & SH Models)
- Vertical Head Mounting Attachment on Column (for SU & SH Models)
- Long Milling Arbor 22 / 27 And 32 mm Each (for SU & SH Model)
- Anti - Vibration Mount
- 3 Axis Dro
- LM Guide ways for all Axis
- Independent Servo Motor for Longitudinal Movement
- Human Machine Interface (HMI) for Machine Controlling

TECHNICAL SPECIFICATION

MODEL		UNIVERSAL SU-4E	HORIZONTAL SH-4E	VERTICAL SV-4E
TABLE				
Table overall size	mm	1900 x 350		1900 x 350
Table clamping area	mm	1600 x 350		1600 x 350
No. / width of 'T' slots	mm	3 / 18		3 / 18
Center distance between 'T' slots	mm	80		80
Longitudinal movement - power	mm	1175		1175
Longitudinal movement - manual	mm	1250		1250
Cross traverse - power	mm	330		330
Cross traverse - manual	mm	350		350
Vertical movement - power	mm	400		400
Vertical movement - manual	mm	425		425
MILLING SPINDLE				
Spindle nose taper		ISO - 50		ISO - 50
Quill movement	mm	-		100
Swivel of milling head	Degrees	-		45
SPEEDS				
Speed	Steps	18		18
Speed range - standard	rpm	35 - 1800		35 - 1800
FEEDS				
Feed	Steps	20		20
Feed range longitudinal & cross feed range	mm / min	10 - 800		10 - 800
Vertical	mm / min	4 - 200		4 - 200
RAPID TRAVERSE				
Longitudinal & cross	mm / min	3200		3200
Vertical	mm / min	800		800
POWER				
Spindle motor	kW	7.5		7.5
Feed motor	kW	3		3
OVERALL SIZE				
Maximum length	mm	2250		2250
Maximum width	mm	2310		2310
Maximum height	mm	1855		2340
WEIGHT				
Net approx.	kg	4200		4200
Gross approx.	kg	5000		5000

*Specification and Designs are subject to changes without Prior Notice.