

Conventional Milling Machine Size -3



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 Guideways & Lead Screws
- Wide Range Of Feed & Speeds
- Splash Lubrication For Speed & Feed Gearing
- Table-Slide With Dovetail Guideways; Cross-Slide & Knee-Slide Having Flat Guideways 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 Fees 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
- Manual Lubrication Unit
- 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
- Auto Lubrication System
- Human Machine Interface (HMI) for Machine Controlling

TECHNICAL SPECIFICATION

MODEL	UNIVERSAL / HORIZONTAL SU-3E / SH-3E		VERTICAL SV-3E
TABLE			
Table overall size	mm	1550 x 310	1550 x 310
Table clamping area	mm	1350 x 310	1350 x 310
No. / Width of T - slots	mm	3 / 16	3 / 16
Center Distance Between T - slots	mm	63	63
Longitudinal movement - Auto	mm	975	975
Longitudinal movement - Manual	mm	1000	1000
Cross traverse – Auto	mm	290	290
Cross traverse – Manual	mm	300	300
Vertical movement - Auto	mm	400	400
Vertical movement - Manual	mm	425	425
MILLING SPINDLE			
Spindle nose taper		ISO - 40	ISO - 40
Quill movement	mm	-	100
Swivel of milling head	Degrees	-	45
SPEEDS			
Speed	Steps	18	18
Speed range - standard	rpm	42 - 1500	42 - 1500
Speed range - optional	rpm	-	-
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	5.5	5.5
Feed motor	kW	3	3
OVERALL SIZE			
Maximum length	mm	1880	1880
Maximum width	mm	2060	2060
Maximum height	mm	1830	2210
WEIGHT			
Net approx.	kg	3150	3150
Gross approx.	kg	4000	4000

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