

Mixing Roll Machine

Application

- ✓ This equipment is a product designed to make sheet-type test pieces by repetitive mixing roll of high molecular materials such as silicon, rubber, plastic, compound etc.

Feature

- ✓ For its high-frequency heat-treated and hard chromium plated roll surface, this equipment is not scratched even after long use and maintains horizontality of surface, and Digital Position Meter installed in this equipment is designed to manufacture a sample with regular thickness and clean surface.
- ✓ As for heating type, dispersion of materials is excellent without deviation in the surface temperature as this equipment uses heat transfer through silicon oil.
- ✓ Backdraft prevention system and safety catch are installed on the knee part for operator's safety, and number of revolution, temperature control and thickness adjustment of sample are also available.

Standard

- ✓ ASTM D 1052, KS M 6721, ISO 5423



ST-150M

Technical Specification	
Model	ST-150M
Roll Size	150Ø × 500mm (Option)
Roll Material	S-55C, Hard chromium plating
Roll Gap Control	LVDT (displacement sensor) 0.01 ~ 10mm
Rotation Ratio	Single operation Roll type (individual speed adjustment available)
Rotation Speed	0 ~ 40RPM (Adjustable Volum Type)
Heating System	Electricity Heating System (Electronic heater, heat transfer fluid type)
Temperature Range	RT ~ 300°C (Option)
Temperature Control	Digital T,P,R Control
Bath Capacity	20L
Safety	Foot on/off reverse acting type
	Knee put upper hand device
Dimensions	1350W × 750D × 1500H (mm)
Motor	5HP (2ea) = 10HP (including decelerator)
Cooling Method	Air Cooling / Water Cooling (Option)
Weight	850kg
Power	AC 380V, 3P, 50/60Hz (15KW)