



Clartech  
Engineers  
Private Limited

Definite Technology for  
**Weaving Preparatory**



# MONO MOTHER YARN SPLIT WARPING MACHINE

**MODEL : MONOTECH**  
SPLIT SECTIONAL WARPING



Established In  
The Year 2004

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An ISO 9001:2015  
Certified Company

# Salient Features

- BOTH TENSION ROLLER CONTROLLED BY SERVO SYSTEM
- HIGHER GRAPHICAL DISPLAY 15 INCH FOR WARPING OPERATION AND 7 INCH FOR BEAMING OPERATION
- YARN TENSION CONTROL THROUGH LOAD CELL WITH WARPING LINE SPEED
- BEAMING TENSION CONTROL BY AUTO PNEUMATIC SYSTEM
- BOTH STOP MOTION WORKING WITH HIGHER SENSING DEVICES
- WARPING LINE SPEED CONTROL BY SERVO MOTOR
- UNWINDING CREEL FOR MONO MOTHER YARN
- CREEL SPINDLE ENDS :-120/128/136 OR HIGHER SIDE ON REQUEST OF CUSTOMER
- INDIVIDUAL MOTOR FOR EACH SPINDLE WITH YARN TENSION

## Technical Specification

MECHANICAL SPECIFICATION		ELECTRICAL SPECIFICATION	
WORKING WIDTH	2800 - 3600 MM	WARPING MOTOR	7 KW SERVO
CONE DEGREE	8.5	BEAMING MOTOR	22 KW
DRUM DIA	1000 MM (3.14 MTR)	TENSION ROLLER MOTOR	5 KW SERVO
WAXING DEVICE	WITH VFD	TRAVERSE MOTOR	2.0 KW SERVO
LEASING OSCILLATION	YES	U/C MOTOR	1.0 KW SERVO
BEAMING	SEPARATE	STATIC DEVICE	HIGH VOLTAGE
BEAMING TENSION	AUTO	WARPING SPEED	500 MPM
SERVO U/C	YES	BEAMING SPEED	150 MPM
BLOWER	YES	DISPLAY	HIGH RESOLUTION HMI DISPLAY FOR WARPING-15 INCH AND BEAMING-7 INCH
FUTTER ROLLER	YES	REPORT	ALL BEAMING DATA CAN BE PRINTED OR CAN BE COPIED USING PENDRIVE.
STATIC DEVICE ON U/C	YES	ALARM	A SMART ALARM SYSTEM AND WITH ALARM HISTORY TO VERIFY ANYTIME.
STATIC DEVICE ON LEASING	YES		
HEAVY STRUCTURE	YES		
HOLLOW SHAFT DISC BRAKE	YES		



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