



Clartech  
Engineers  
Private Limited

Definite Technology for  
**Weaving Preparatory**



# Sectional Warping Machine

**MODEL : NOVATECH PLUS**  
2 Servo-Separate Beaming



Established In  
The Year 2004

[www.clartechengineers.com](http://www.clartechengineers.com)



An ISO 9001:2015  
Certified Company

# Salient Features

- Excellent, Sturdy & Ergonomic design with separate beaming unit.
- Accurate length of warps & precise linear traverse through AC servo system.
- Hydraulic disc brakes on both sides with auto braking in case of power failure.
- Lost end memory & other intelligent operational features with high resolution colour touch Screen display
- Data transfer for printing & data interface with external devices .
- Heavy beaming unit with hydraulic "Doffing & Donning" to ensure uniform beaming tension.
- Dynamically balanced, heavy metallic drum with desired fixed cone height.
- Reverse/forward drum rotation to ensure ease of operation.
- Machine is equipped with safety device sensor in beaming side.

# Technical Specification

DESCRIPTION	NOVATECH PLUS 220	NOVATECH PLUS 240	NOVATECH PLUS 280	NOVATECH PLUS 320	NOVATECH PLUS 360	NOVATECH PLUS 420
WORKING WIDTH	2200 MM	2400 MM	2800 MM	3200 MM	3600 MM	4200 MM
CONE DEGREE	7/8.5/10.5	7/8.5/10.5	7/8.5/10.5	7/8.5/10.5	7/8.5/10.5	7/8.5/10.5
DRUM DIA	1000 MM ( 3.14 MTR )	1000 MM ( 3.14 MTR )	1000 MM ( 3.14 MTR )	1000 MM ( 3.14 MTR )	1000 MM ( 3.14 MTR )	1000 MM ( 3.14 MTR )
WAXING DEVICE	WITH VFD	WITH VFD	WITH VFD	WITH VFD	WITH VFD	WITH VFD
LEASING	YES	YES	YES	YES	YES	YES
BEAMING	SEPARATE	SEPARATE	SEPARATE	SEPARATE	SEPARATE	SEPARATE
STATIC DEVICE ON U/C	YES	YES	YES	YES	YES	YES
STATIC DEVICE ON LEASING	YES	YES	YES	YES	YES	YES
WARPING MOTOR	7.5 KW	7.5 KW	11 KW	11 KW	11 KW	11 KW
BEAMING MOTOR	15 KW	15 KW	22 KW	22 KW	22 KW	22 KW
TRAVERSE MOTOR	1.5 KW SERVO	1.5 KW SERVO	1.5 KW SERVO	1.5 KW SERVO	1.5 KW SERVO	1.5 KW SERVO
U/C MOTOR	1.0 KW SERVO	1.0 KW SERVO	1.0 KW SERVO	1.0 KW SERVO	1.0 KW SERVO	1.0 KW SERVO
STATIC DEVICE	HIGH VOLTAGE	HIGH VOLTAGE	HIGH VOLTAGE	HIGH VOLTAGE	HIGH VOLTAGE	HIGH VOLTAGE
WARPING SPEED	800 MPM	800 MPM	800 MPM	800 MPM	800 MPM	800 MPM
BEAMING SPEED	200 MPM	200 MPM	200 MPM	200 MPM	200 MPM	200 MPM
BEAMING TENSION	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
CLUTCH IN U/C	YES	YES	YES	YES	YES	YES
FUTTER ROLLAR	YES	YES	YES	YES	YES	YES
HEAVY STRUCTURE	YES	YES	YES	YES	YES	YES
HOLLOW SHAFT DISC BREAK	YES	YES	YES	YES	YES	YES



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