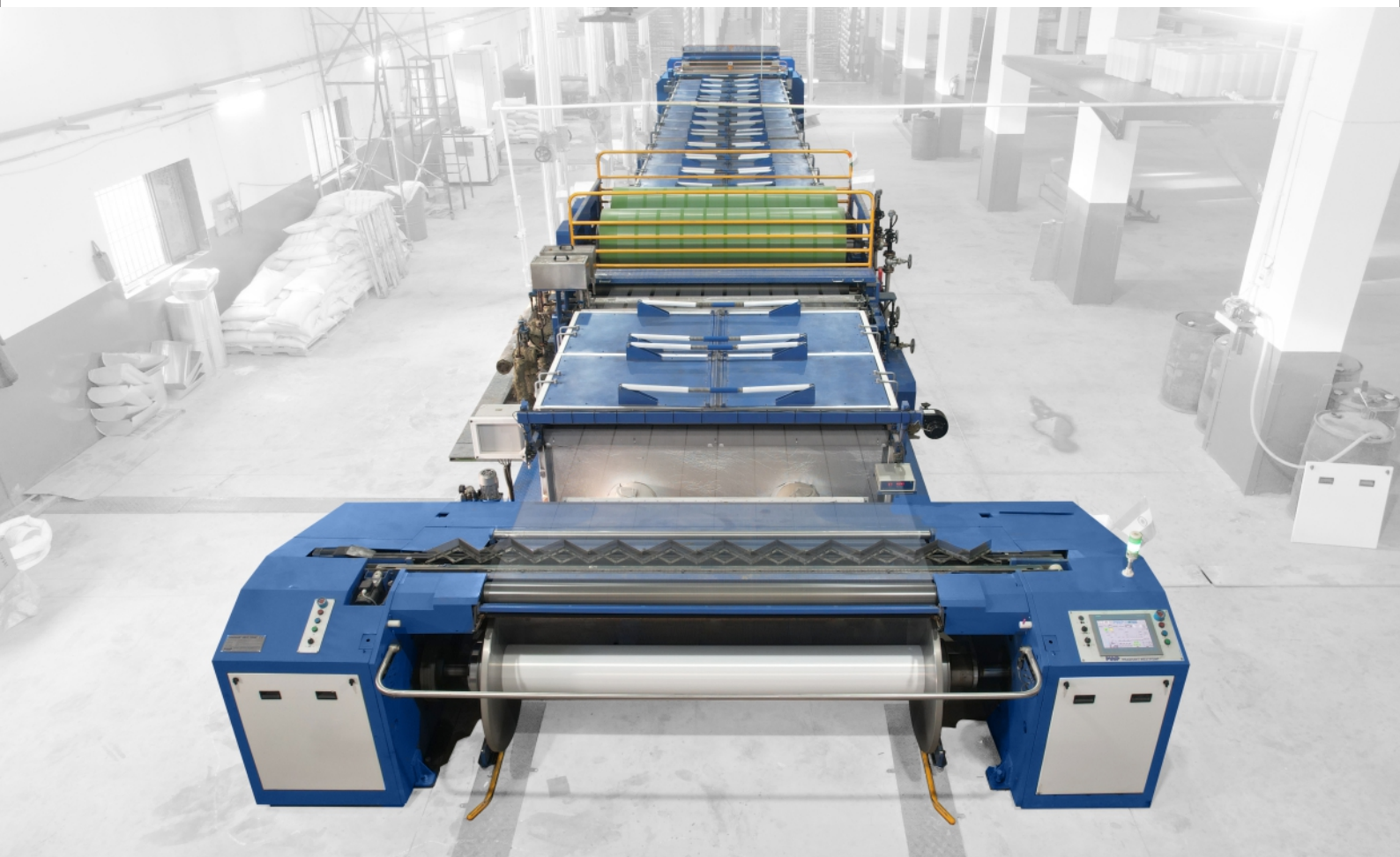


PACESETTER

PRASHANT
GROUP

PRASHANT WEST POINT



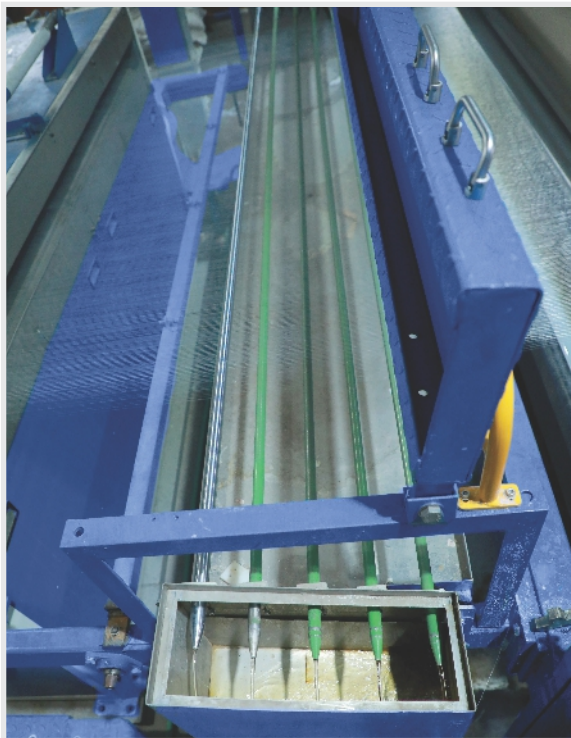
Leading the way in warp preparation

 **Indo-US** 
Joint Venture

PWPP

Size Box

- Servo Controlled size box
- Uniform Squeezing for high quality sizing
- Steady stretch control
- Twin Servo system in size box
- Automatic size supply
- Spray bar arrangement for Size circulation



Split Rods

- Teflon coated SS rotating rods with chilled water circulating system to prevent pulp mud
- Humidifying system in Split rods to prevent Size residue from sticking to the rods

Head Stock

- Servo controlled Head stock having Max Speed up to 500 mpm
- Tension control and all operating function available on HMI
- Zigzag Traversing comb for uniform beam surface



Drying Chamber

Available in length of 4 meter and 6 meter each;

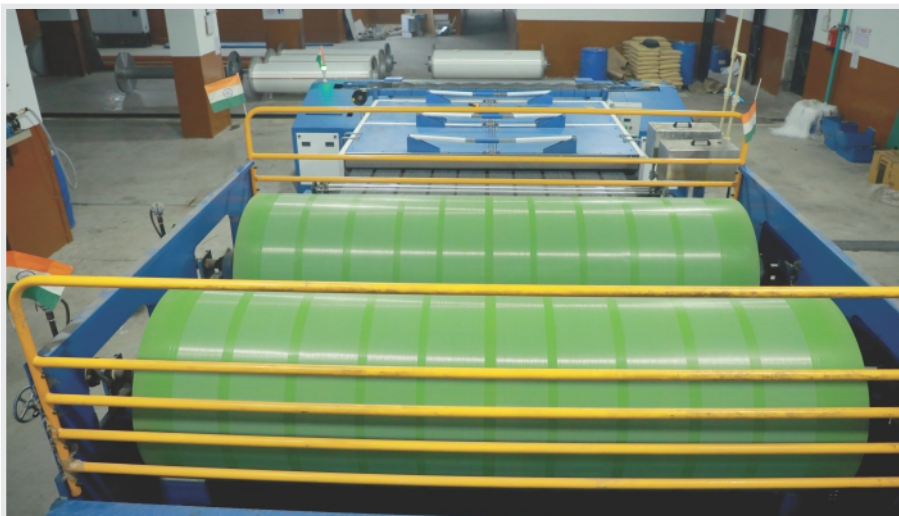
Heating medium - Either of (a) Gas (b) Thermic Fluid (c) Steam

Drying chamber is designed in such a way that yarn passage throughout the chamber remains untouched; thereby maintaining smooth surface of yarn

Chambers can reach higher temperatures from 150°C - 180°C and lower upto 100°C - 130°C

Chamber is covered with proper insulation to control the heat loss to a minimum

Temperature auto on & off facility to reduce energy consumption



Drying Cylinders

Supply up to 5 Cylinders as standard. (Higher on customer request)

Mode of Heating : Gas / Thermic Fluid / Steam

Cooling Zone

- Highly efficient cooling system provided to cool the yarn sheet before it gets wound on the beam
- Facility to supply cooled air on to size beam for better quality and also on the yarn sheet passing through cooling chamber



Assembly Line

- Speed : Up to 200 mpm
- Fully Servo controlled Re Beamer (Powder brakes or I2P available on request)
- Highly efficient beaming device with power regenerating servo motors
- Heavy Duty Structure
- Precise and close loop beaming tension during entire beaming process for producing perfect weaver's beam; thanks to Beamer with load cell arrangement
- Assembly line equipped with Servo motor/s and Drives ensures to retain the original properties of the yarn throughout the beaming operation
- Size available from WW 1800 mm to 4200 mm



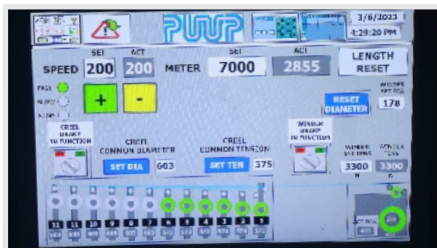
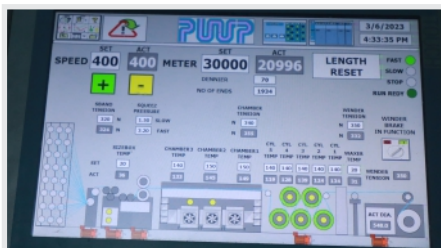
Automation and Controls

The machine is equipped with control system having Touch screen with color graphics for monitoring of production / quality data; operating conditions and malfunctions, if any. Entire process parameters such as Creel Tension, Squeezing Pressure, Size Temperature, Stretch, Cylinder Temperature, Winding Tension, Warp Length, Machine Speed etc can be adjusted / controlled and memorized through HMI

Total synchronization is done through hi tech servo motor/s and drive help to produce quality beam made from delicate filament warp

Machine fault diagnosis function shows corrective actions and troubleshooting for any fault / malfunction

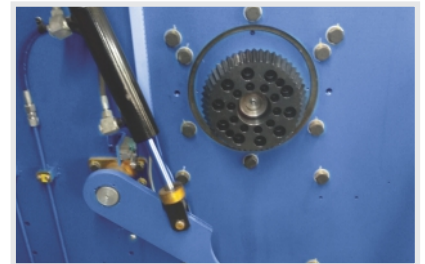
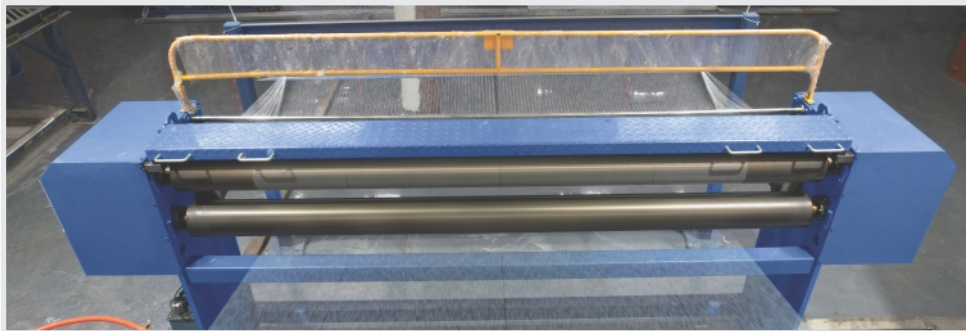
Report generation is also possible through PC interface



Direct Warper

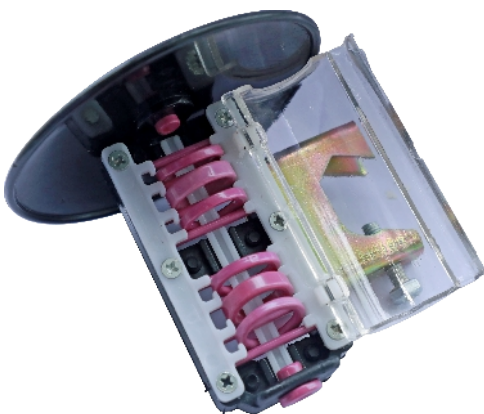
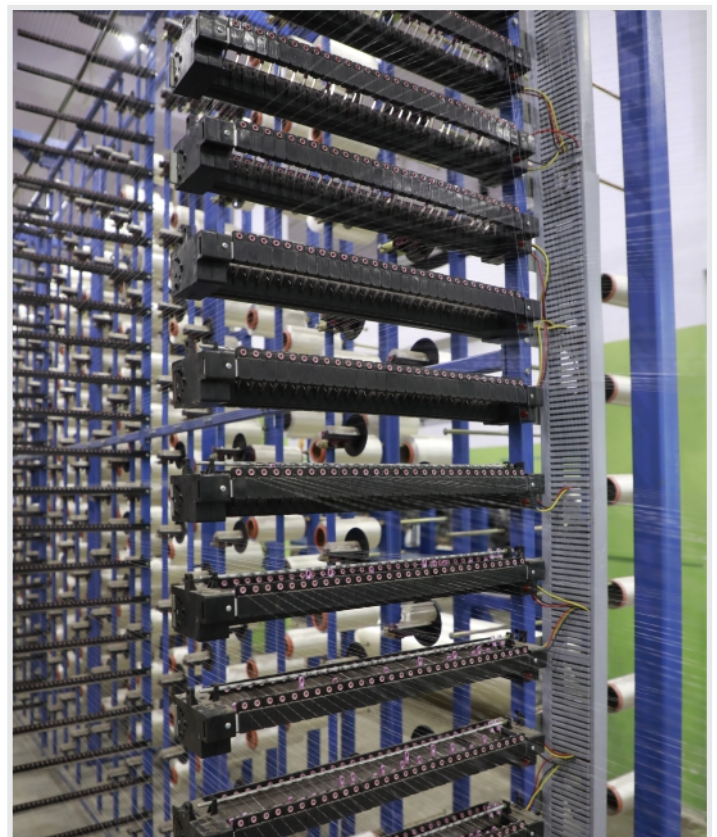
- Working Width : 1800 mm-2800 mm
- Beam Flange Diameter - 800/1000/1250/1400 mm
- Speed : up to 600 mpm
- Precise Tension Control to ensure perfect warp beam
- Positively driven S Loop for proper tension control of yarn sheet

- Quick stop at a yarn break by hydro pneumatic brakes; to ensure defect free beam
- Fluff detector to detect any fluff, broken filament, or any loop in yarn
- Servo controlled head stock for precise warp tension
- Oiling / Waxing device with variable speed drive
- Taping device (available on request)
- Press Roll (available on request)



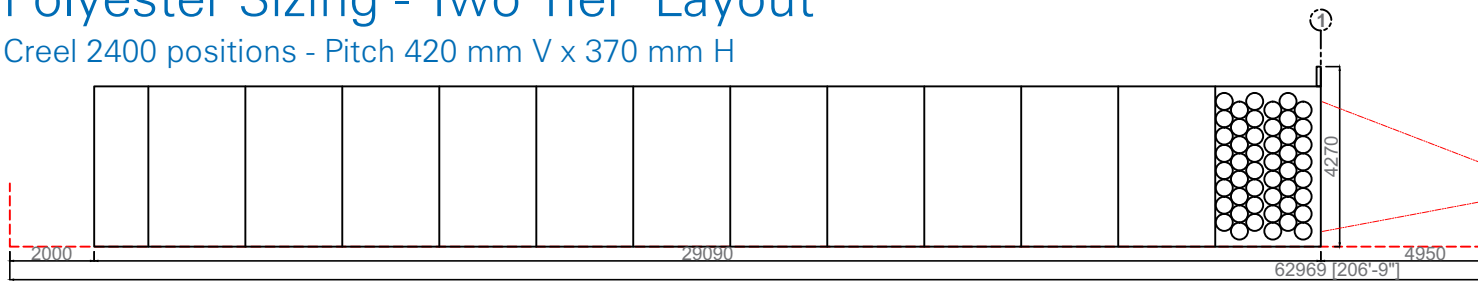
Creel

- Available in different pitch and size
- Ring Type tensioner for smooth working
- Thread guides are positioned to provide optimum angle for yarn sheet
- Specially designed light weight stop motions to sense even fine denier yarn breakage and stop machine immediately
- Eyelet Board to ensure proper angle of yarn sheet to be guided to the warper



Polyester Sizing - Two Tier Layout

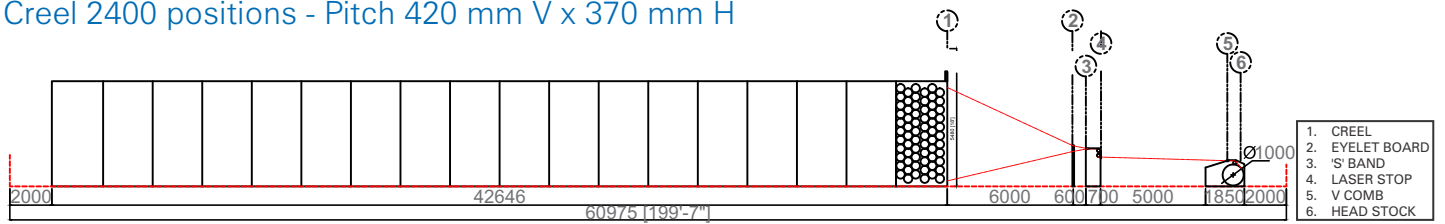
Creel 2400 positions - Pitch 420 mm V x 370 mm H



Polyester Sizing - Three Tier Layout

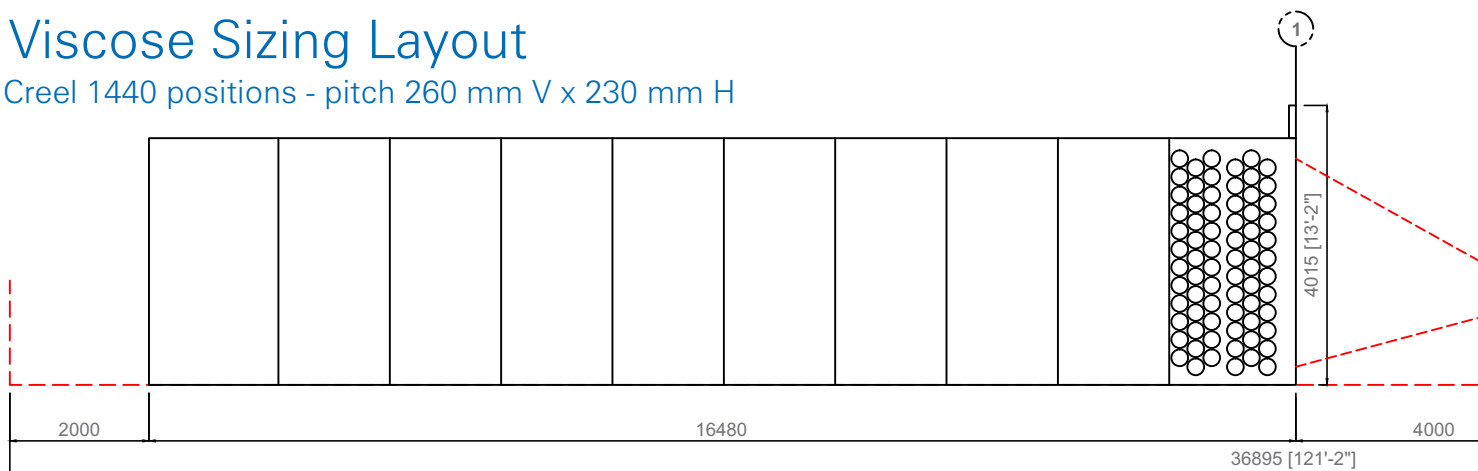
Tier 1

Creel 2400 positions - Pitch 420 mm V x 370 mm H

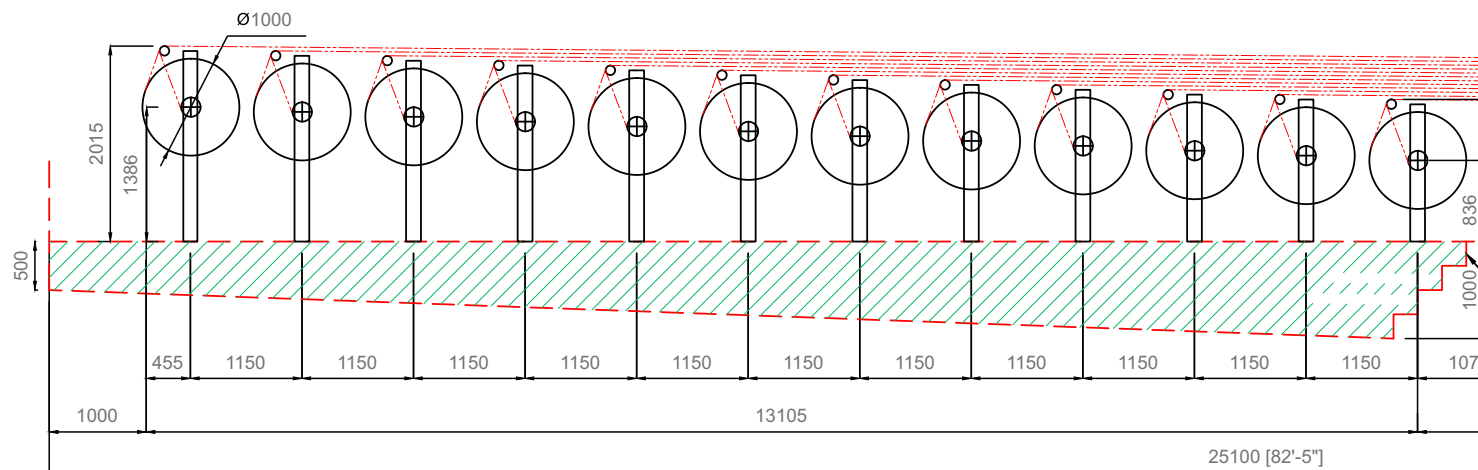


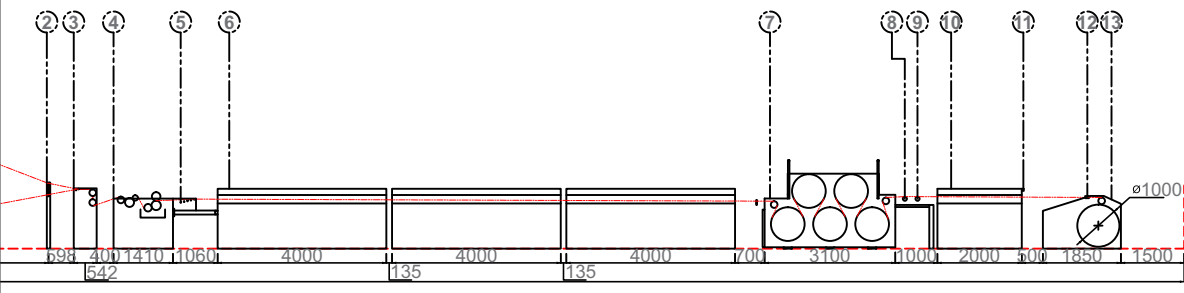
Viscose Sizing Layout

Creel 1440 positions - pitch 260 mm V x 230 mm H



Assembly Line Layout



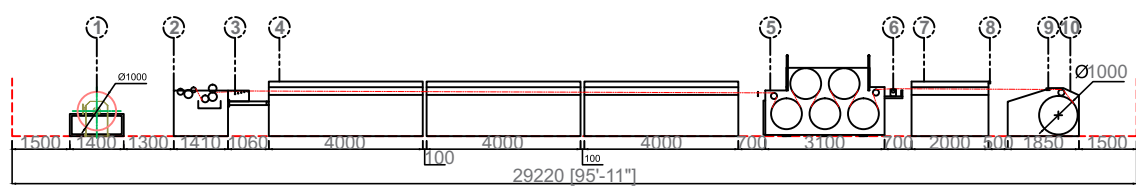


1. CREEL
2. EYELET BOARD
3. 'S1' BAND
4. SIZE BOX
5. CHILLED BAR
6. HOT AIR CHAMBER
7. DRYER CYLINDER
8. OILING DEVICE
9. WAXING DEVICE
10. COOLING CHAMBER
11. LASER STOP
12. V COMB
13. HEAD STOCK

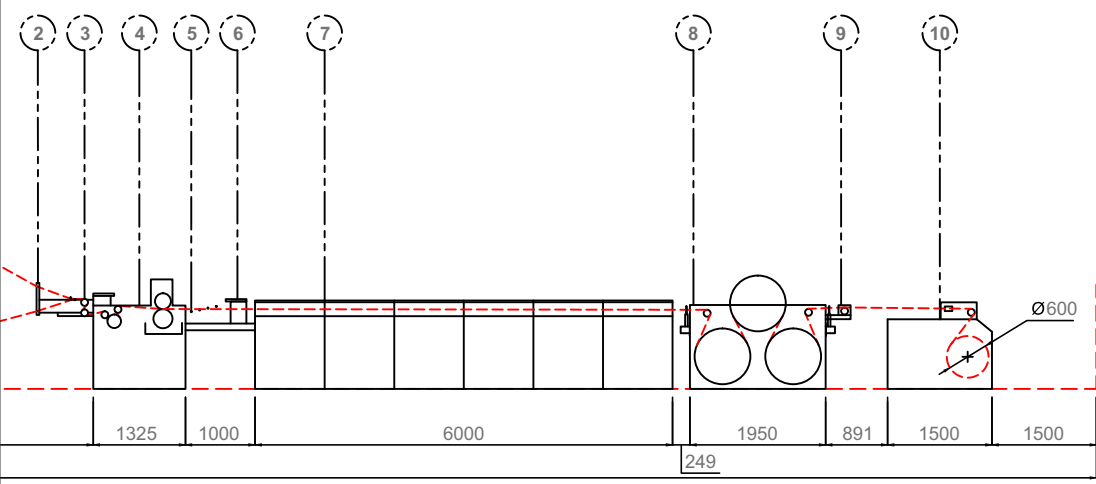
Polyester Sizing - Three Tier Layout

Tier 2

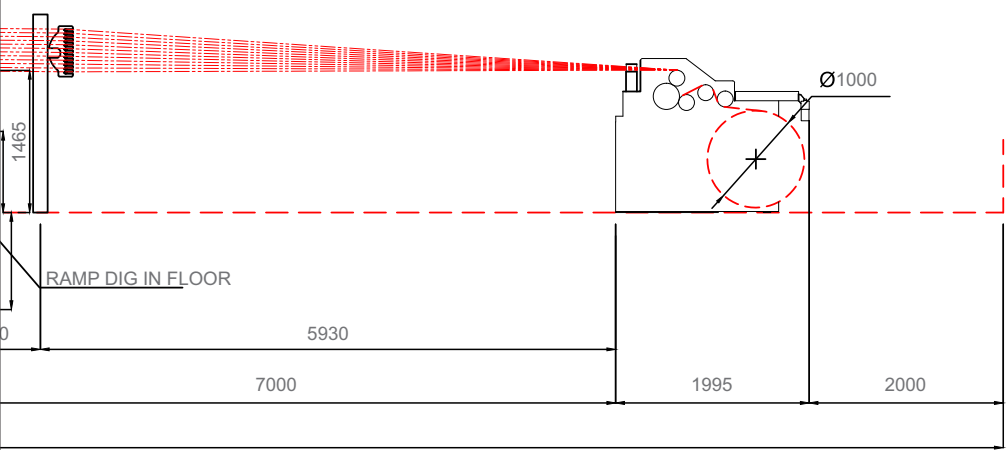
Creel 2400 positions - Pitch 420 mm V x 370 mm H



1. BEAM LETOFF
Ø1000 B.F.D
2. SIZE BOX
3. CHILLED BAR
4. HOT AIR CHAMBER
5. DRYER CYLINDER
6. WAXING DEVICE
7. COOLING CHAMBER
8. LASER STOP
9. VCOMB
10. HEAD STOCK



1. CREEL
2. EYELET BOARD
3. 'S1' BAND
4. SIZE BOX
5. LEASE ROD
6. PLATFORM
7. HOT AIR CHAMBER
8. DRYER CYLINDER
9. OILING DEVICE
10. HEAD STOCK



1. BEAM CREEL
2. LEASING STAND
3. RE BEAMER



Modern infrastructure spread across 1,00,000m²



Equipment Range



- Direct Warper and Creel
- Sizing machine for Spun, Filament as well as Fibre Glass warp
- Indigo Rope & Slasher Dyeing Range
- Denim Preparation Equipments
- Poly Beamer for PP and HDPE Tapes



- Robotic Sectional Warper
- High Speed Sectional Warper & Creel
- Single end Sizing
- Beam to Beam Rolling Machine



- Warp Beam Handling System
- Computerized Beam Storage
- Inspection and Packaging Machine

Specifications are subject to change due to continuous technical developments.



PRASHANT WEST POINT MACHINERY PVT. LTD.
(An ISO 9001:2015 certified company)

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