

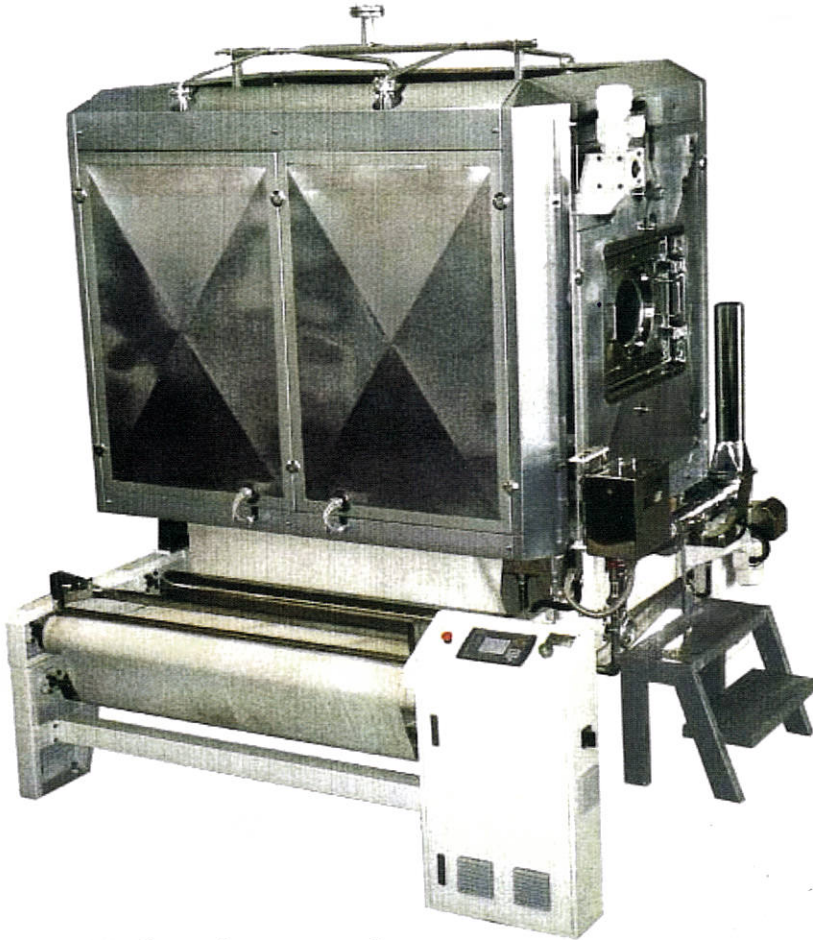
“THERMOTEX 3” CONTINUOUS STEAMER/POLYMERIZER UNIT

Suitable for Small Capacity Steam Ageing/Polymerizing Operations

Type : “J Scray” Fabric Accumulator System, for up to **40 Mts.** Capacity.

The Operational System of the “Thermotex 3” is for Printed Fabric to enter into the Steamer/Polymerizing Chamber with minimum tension, and allowed to cascade into a purposely Designed “J Scray” Fabric Accumulator, capable of containing up to **40 Mts.** of Fabric for the Continuous Processing of the Printed Fabric.

The Operator Pre-Set Running Speed of the Machine, will automatically control the Duration Time of the Fabric passing within the Steam Chamber.



The Base-frame of the “Thermotex 3” having been suitably prepared for supporting the Steamer/Polymerizing Chamber, consisting of a Double Walled Stainless Steel Vessel, retaining within its walls a Steam Saturator system for controlling the Set Humidity Factor.

Steam Chamber Roof, retaining a Closed Coil Steam Heating arrangement, to prevent formation of condensation (Water Drops).

The “J Scray” Fabric Accumulator System, consisting of a robust perforated Stainless Steel Sheet, suitably covered with a PTFE/Fiberglass Mesh Membrane, formatted into a “J Scray” to retain up to **40 Mts.** of Fabric.

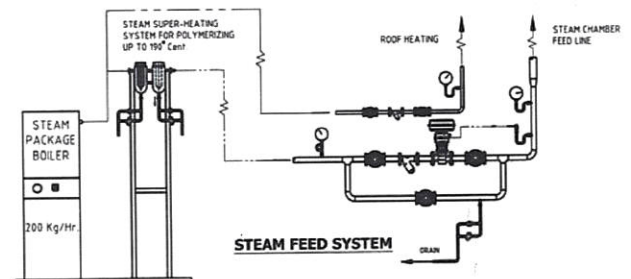
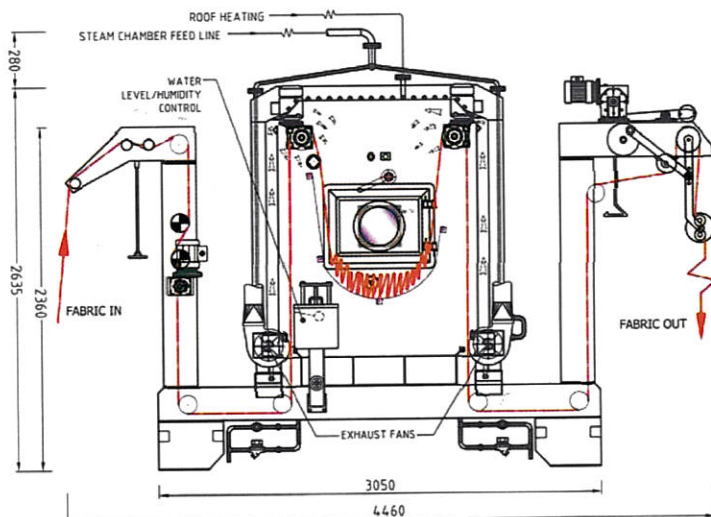
The Printed Fabric being Continuously delivered into the Steam Chamber from the Chamber ~Entry Roller~, consisting of a Silicone coated Stainless Steel Driven Roller, inclusive of a Driven PTFE coated Beater Roller to form the Fabric in a Plaited Format into the “J Scray”, and also eliminate possible Fabric adhesion to the ~Entry Roller~.

A Steam Exhaust system, suitably Located at the Entry and Exit Sections of the Machine, for removing the spent/contaminated Steam from Steam Chamber.

Entry & Delivery Arrangements

The Standard Thermotex 3 Steamer/Polymerizer is supplied with Frontal Entry and a Rear Plaiter Delivery arrangement.

For Operational conveniences, a Combined Frontal Entry & Delivery arrangement can also be supplied on request.



Polymerizing at High Temperature.

For High Temperature Polymerizing requirements, the Machine can be supplied as Optional Extra, an Electrical ~Steam Super-Heater~ System, complete with all the necessary Valves and related Electronic Switchgear arrangement to automatically control the Set Temperatures of up to **190° Cent.**