

Himson



TFO
TWISTER
FOR
FILAMENT
YARN

EXPERTISE THROUGH EXPERIENCE

HIMSON engineering business has been the core business of the Rs. 4.0 billion HIMSON group. Himson started its activities 50 years ago with only few looms to manufacture quality fabrics. Since then the group activities have grown from strength. Himson first concentrated on expansion in the loom shed and subsequently dyeing and finishing houses were added for further growth thought forward integration. Further lace and embroidery units were established as a move towards complementary diversification. Till this time growth was slow and steady with focus only on textiles.

1970 in the seventies, focus was shifted towards high growth. At this time the company saw the opportunity for manufacturing synthetic yarn processing machineries the market for which was large but un tapped. The seeds for this were sown with the commencement of manufacturing of up twisting and rewinding machines and engineering division came in to being.

1978 Since then there has been no turning back and the company came on the fast track. But the real momentum to growth was provided in 1978, when HIMSON tied up with Earnest Scragg Sons Ltd, U.K. To manufacture Draw Texturising machines in India. Then the strategy was to get the best available technology from abroad and adapting the same to local requirements. This strategy has been paying well and has made the company an undisputed leader in synthetic yarn processing machinery. This has been achieved by capturing almost 85% market share in spite of big competition from leaders. Leadership in synthetic yarn processing machinery has been accepted by leading POY manufactures by placing large quantity of machine orders. Himson also enjoys high reputation for in-house research and technology developments, the real success is due to the efficient and prompt after sales services to the customers. Himson has captured more than 70% of the domestic market share to supply yarn machinery.

1997 The groups Turnover started with few millions has increased to Rs. 4.0 billion in 1989-90 and the turn over of Himson Textile Eng. Ind. Ltd. has increased from Rs. 6.0 million in 1974 to Rs.3.0 billion in 1996-97 and its still increasing. The company manufactures a wide range of yarn processing machinery from Two for one Twister for Filament yarn, Industrial Yarn, Spun Yarn Automatic Shuttle changing Looms, Rapier Looms and Ancillary Units manufacture precision spindles, high quality ceramic Guides/Compartments and Heaters for DTY/DT machines, Silk yarn processing machines and fabric processing machines.

Recently, Himson Group have been taken over well established-S M Energy & Teknik Electronics Ltd, to diversify in to fabric processing activity.

The Employees :

The company has about 1200 employees on its rolls, of which about 150(13%) are management/Executives staff and 150 are Technical staff. The company has also helped developed about 150 ancillary units owned by qualified engineers. This has helped the company easily absorb the latest technology and adapt the same to meet the global requirements.

The Infrastructure :

The fast growth has been sustained by installing modern Computerized Numerical Machining Centers to achieve highest accuracy and setting up a fully equipped R&D Center. Further it has a high-tech, state of the art STANDARDS ROOM for verification and calibration of measuring tools. The STANDARDS ROOM is equipped with 3D CNC Coordinate Measuring Machine along with other latest state-of-art machines & equipments.

Product Range :

1 Two For One Twister

- For Filament Yarn
- For Industrial Yarn
- For Spun Yarn

2 Winders

- Cop Winder (Fully Automatic)
- Cheese Winder (Cheese Winder Fully Automatic)

3 Rapier Looms

- Crank Driven
- Cam Driven

Fabric Processing Machines :

- Hot Air Stenter
- Merceriser
- Open Width Relax Washing Range
- Continuous Bleaching & Scouring Range
- Continuous Open Width Pad Steam Dyeing Range
- Tension Controlled Jigger.
- HTHP Open Width Dyeing Jigger
- Open Width Continuous Print Washer
- Rope Form Print Washer
- Drying Range
- Relax Dryer
- Float Dryers/Polymeriser
- Batching Trollies
- Storage Tanks

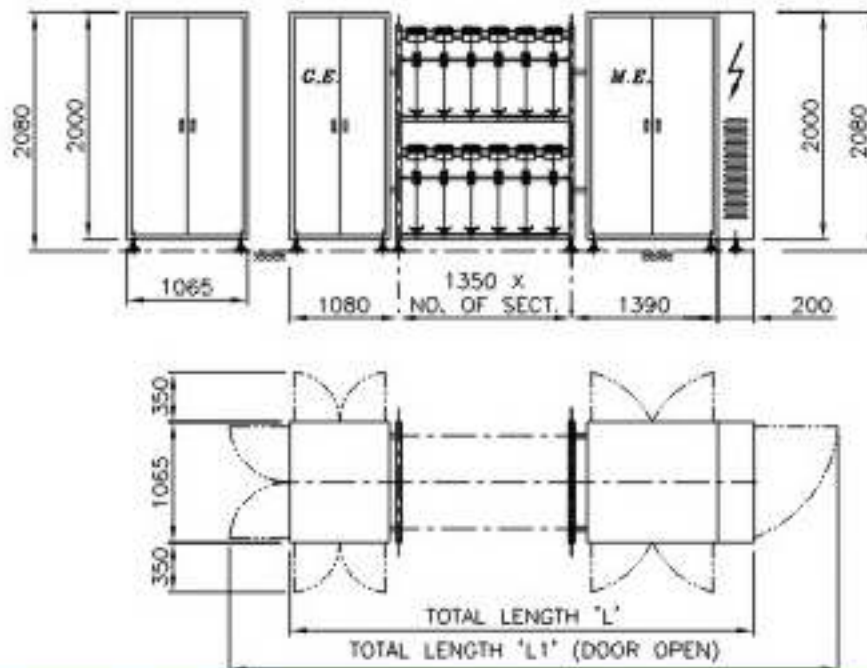


Main Features :

- Equipped with best imported spindle ranging spindle dia of 70 mm to 150 mm.
- Most suitable for producing high twist and medium twist yarn of polyester, nylon viscose, and other sensitive synthetics yarn like micra filament as well. Denier range from 30 to 300.
- Model DT-70 is suitable for twisting fine denier yarn at high speed.
- Model DT-90 is designed for medium range denier yarn to twist at high speed.
- Model DT-110/120 is quite suitable to produce 1.2 kg to 1.5 kg knotless yarn.
- Model DT-140/150 are developed for space and power saving.
- Considerable saving in power, labour and land & building cost low wastage.
- Adjustable overfeed roller speed for producing desired package density.
- Complete ceramic thread path for superior yarn quality.
- Imported spindle belt and A grade electrical motor perform trouble free working.
- Sturdy and robust machine gives vibration free operation.



Filament Yarn TFO



TECHNICAL SPECIFICATIONS :			
Model	Pot Dia.	Supply Package (size/weight)	Take-up package (size/weight)
DT-70R DT-70B	070 mm	065 mmx240/270L Tube Up to 750 grms.	057/069x135L-Tube Flange 0150x135L-Roll up to 350/ 600 Grams
DT-90R DT-90B	090 mm	090mmx270L Tube Up to 900 grams	045.057x170L or 057/069x170L-Tube up to 1000/1300 Grams
DT-110/120R DT-110/120B	0110/0120 mm	0110/0120 mmx270 L or 0110/0120x320L Tube Up to 1200/1400 grams.	045/057x170L or 057/069x170L-Tube Up to 1200/1500 Grams.
DT-140/150R DT-140/150B	0140/0150 mm	0130/0140mm x 290/320L-Tube 0130/0140mm x 290L-cheese Up to 1400/1800 grams.	045/057 x 230L or 057/069 x 230L-Tube Up to 2000 grams.

Palod Himson Machines Pvt. Ltd.

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