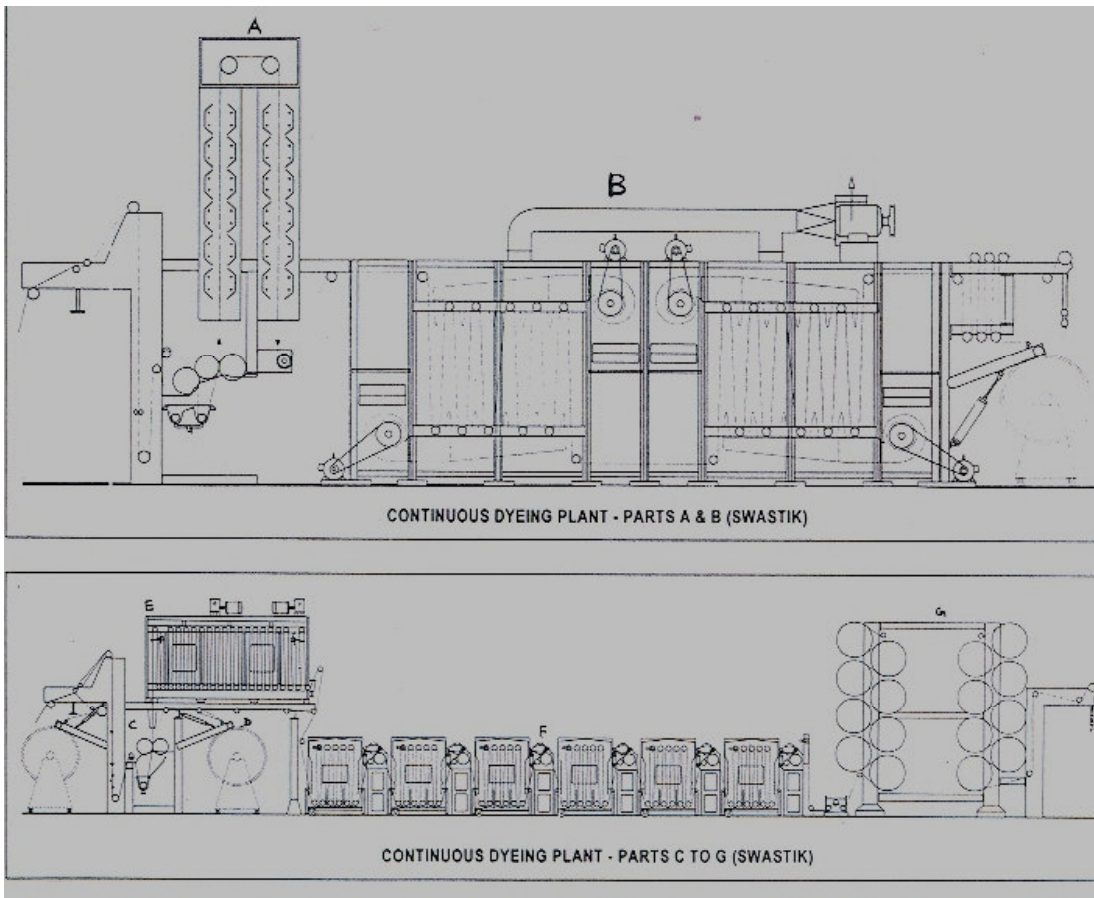


CONTINUOUS DYEING PLANT OF SWASTIK, INDIA



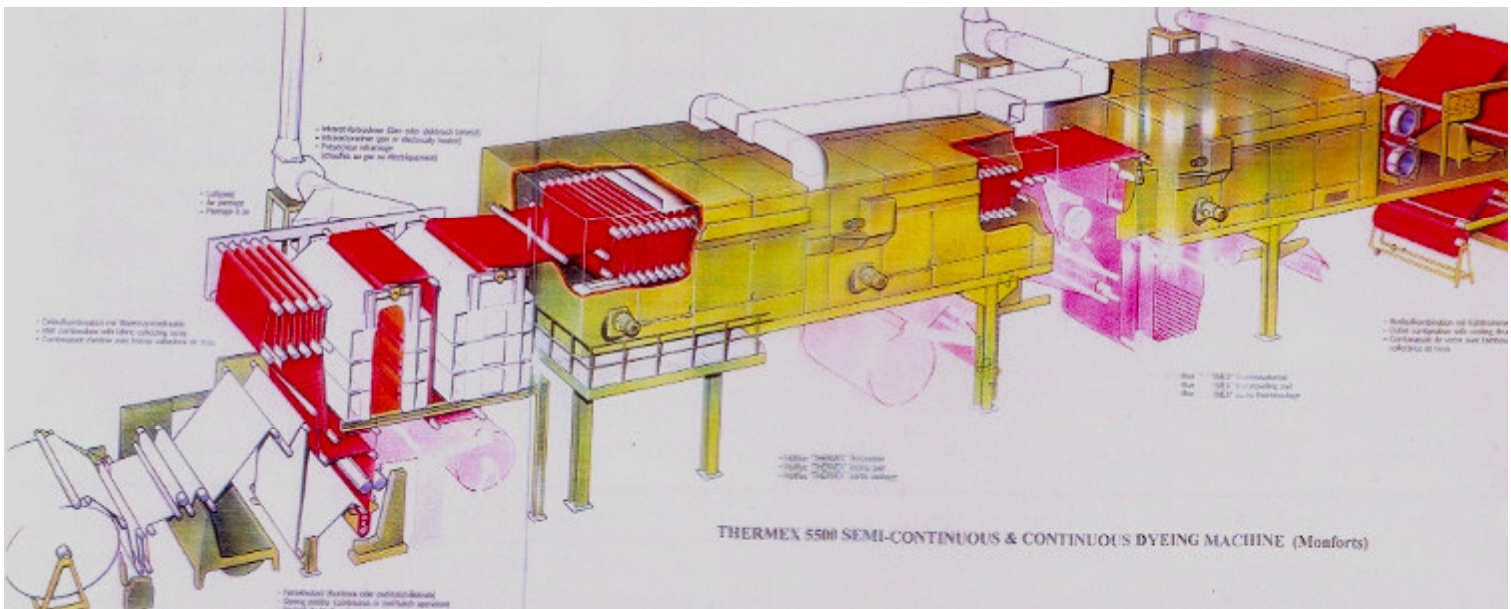
- Uniform padding, optimum dye fixation, precise process control & efficient washing
 - Modular, sturdy & easy to operate
- Modules:**
- Dye padder with ‘high squeeze’ rollers, 2-bowl of horizontal/inclined/vertical & 3-bowl of horizontal/inclined
 - Infrared (ir) pre-dryer to avoid migration & for more productivity
 - Hot flue dryer with 2 blower sets, insulated, initial rollers teflon-coated, temperature maintained with heat exchanger
 - Chemical padder with ‘high squeeze’ nip, low liquor trough
 - Hot flue dryer with 2 blower sets, insulated, initial rollers teflon-coated, temperature maintained with heat exchanger
 - Chemical padder with ‘high squeeze’ nip, low liquor trough, expander
 - Steamer positively driven, outside

- Bearing for easy maintenance,
- Temperature controlled with
- Conditioned saturated steam supply,
- Roof heated
- Washing line of 5-6 closed units with
- Direct & indirect heating, low
- Content tanks, partitions for
- Counter current flow, quick liquor
- Exchange, turbulence for faster
- Cleaning, medium pressure squeeze
- Nips in between & heavy one at end

Dryer

- Equipped with all parameter controls – temperature, steam supply, water-lock at delivery, dosing etc.

CONTINUOUS DYEING THERMEX 5500 OF MONFORTS, GERMANY



- fabric collecting scray
- Can be used as pad-batch for semi-continuous dyeing range or pad-dry-thermosol/cure continuous dyeing range
- Economical for dyeing of both large & small batches – expandable from small to large by adding modules
- Reliable operation with latest air-flow technology and innovative process engineering to get uniform airflow, uniform temperature, uniform shade & finish
- Top transport roller driven via friction clutches for uniform tension even when undergoing dimensional changes during drying/heat setting
- Energy efficient, heat recovery, integrated system of heating based on cross counterflow principle – heat from treatment chamber/predryer exhaust is used to preheat the incoming fresh air