



INSULATION & SHEATHING LINE FOR THHN CABLES

WORLD CLASS EXTRUSION SYSTEMS

With new development in plastics materials, it gets difficult to meet the high expectation of market with PVC cables, especially for building wires. Therefore the nylon sheathed wires come into existence. This type of NYLON sheathed wires are called

THHN /TFFN /THWN wires, it covers more than 85% Building wire market share of Europe, North America, Canada and Middle East. If compared with PVC wires, The THHN wires has much better physical and electrical properties.



KEY FEATURES:

- Fast tool changing
- All machines are fully Guarded
- Online Diameter controlling for all layers
- Compatible with Industry 4.0 norms & IOT Enabled
- On line remote service facility to handle PLC and electronics problems.
- In-house manufacturing that ensures excellent service and quality.
- Electro mechanical switches are given for operator safety during running

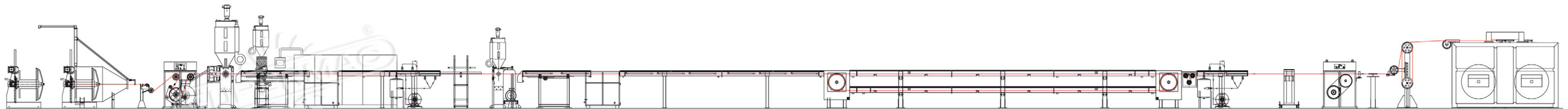
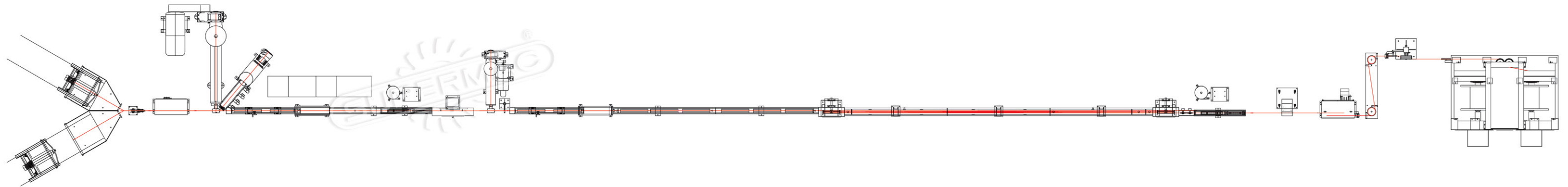
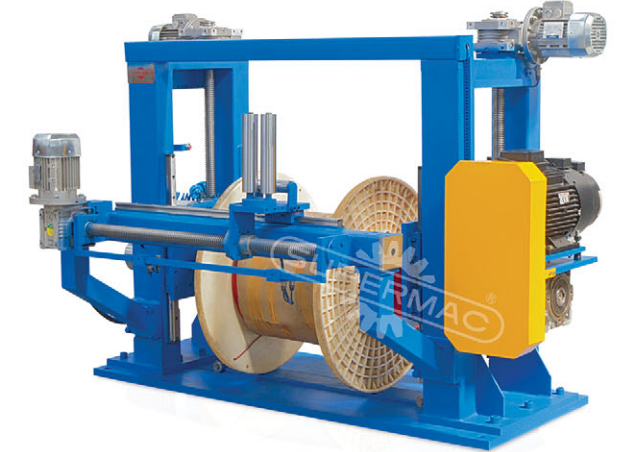
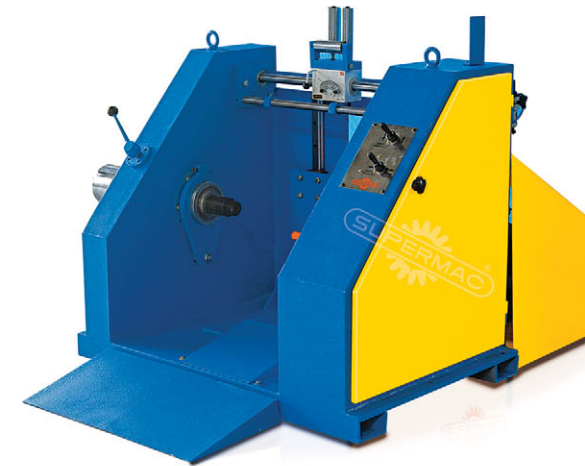
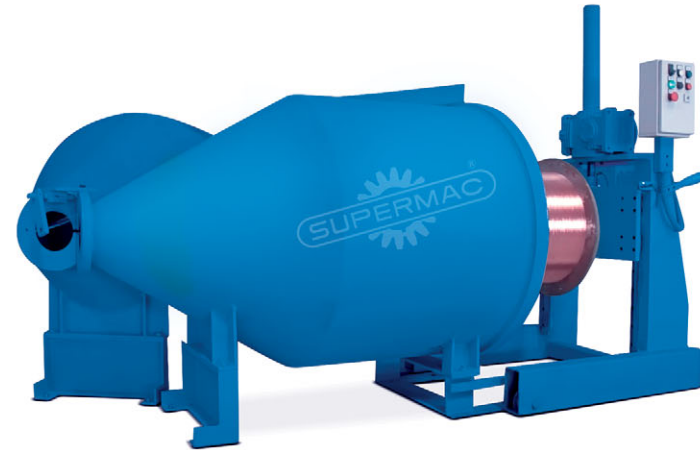
In traditional times, the wire was manufactured in 2 different process, but with the evolution of technology, now the same wire is manufactured in single process and with much higher speed. This single process is called Tandem extrusion process. It involves the

Extrusion set of PVC layer and afterwards, the same wires goes on line for Nylon sheathing .This on line single process helps avoiding the contamination between layers and improves the quality of wires.

There are different variants of extruders combination available , depending upon wire sizes and market demand. The machine has options of Dual payoff with auto change . The lines are equipped for continues production at high speed.

The same machine can also be used for traditional PVC coated building wires. The machine is also equipped with high speed on line printing on pvc material before the nylon sheath.

The machines are following the Industry 4.0 Norms and the PLC hardware is IOT enabled. Supermac offers the on line remote services to support customer to resolve the PLC related issues.





SUPERMAC INDUSTRIES (INDIA) LIMITED

AN ISO 9001-2015 CE

REGISTERED OFFICE :

A-29, Naraina Industrial Area
Phase-1, New Delhi-110 028, INDIA
Tel.: +91-11-45574317
E-mail: office@supermacindia.com

UNIT-I :

A-28, Naraina Industrial Area
Phase-1, New Delhi-110 028, INDIA
Tel.: +91-11-45574317
E-mail: office@supermacindia.com

UNIT-II :

Plot No. 2, Sector-6, IMT Manesar
Gurgaon, Haryana, INDIA
Tel: +91-124-4690500
E-mail: jasvinder@supermacindia.com

UNIT-III :

Plot No.18-19, Sector-2A, IMT Manesar,
Gurgaon 122050 Haryana, INDIA
Tel : +91-124-4690500
E-mail: jasvinder@supermacindia.com

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