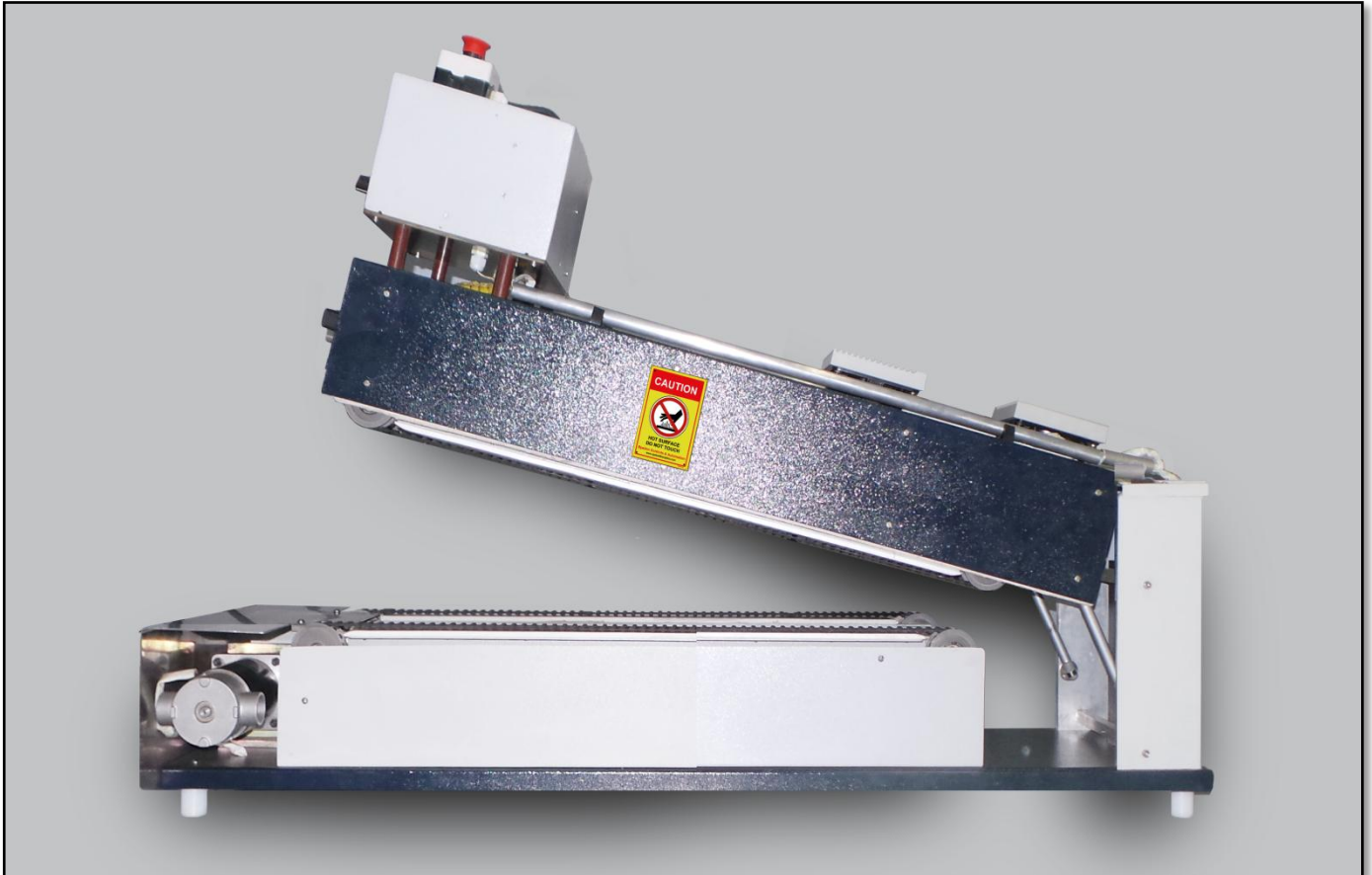


Heat Shrinkage System



Customer:

One of the leading manufacturers of automotive components – Electronic & Mechanical Security Systems, Die Casting, Key Solutions, Telematics, ITS & IoT, Wiring Harnesses, SRC's, Components, Instrument Clusters, Sensors, Interior Plastics that caters to all major two, three, four wheeler, commercial, off-road vehicle manufacturers in India & Overseas.

Customer Requirement:

Heat shrinking is required to insulate wires, providing abrasion resistance and environmental protection for standard and solid wires conductors, connections, joints and terminals in electrical work. Customer has old system for heat shrink but the shrinking done is manual and is done with hot gas flow. With the older system Shrinking was not uniform at all the time and also it's a time consuming process.

Challenges:

- Different sizes of Shrinking tubes
- Different Types of Shrinking tubes require certain temperature to shrink
- Shrinking should be done uniform from all sides

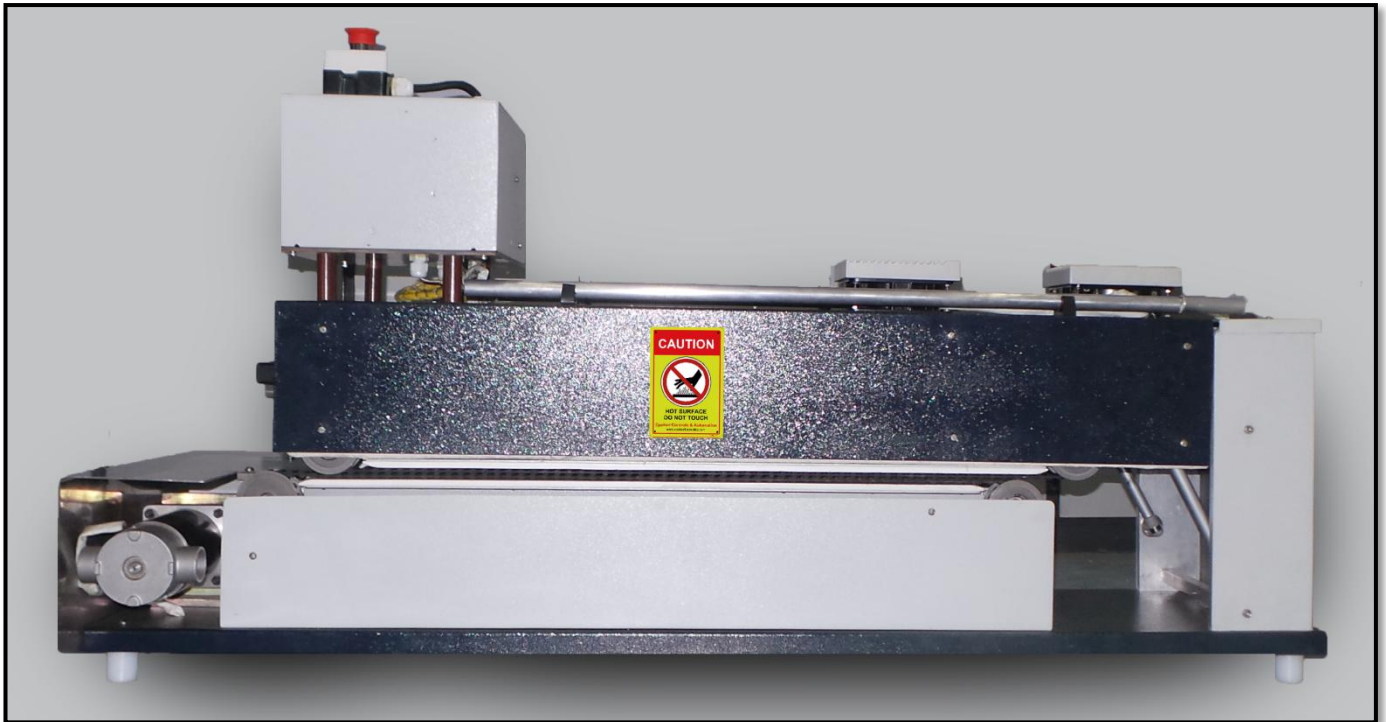


EPSILON solution:

EPSILON has provided automated “Heat Shrink Machine System” where a conveyor belt carries wires with heat shrinking tubes through Infrared heating area for shrinking uniformly. In the whole System

- All sizes of shrinking tubes can be shrink
- Depending upon the type of shrinking material temperature can be vary
- Speed of the conveyor belt can vary which increases the production speed
- Infrared heating area is designed such a way that any shrinking tube will shrink around the wire/connector uniformly from all the sides.
- System is portable, compact and just requires 230V AC supply to turn it ON.

Heat Shrink System Images:



Learn more:

Visit www.epsilonfiberoptics.com for more application information