

Automated Wire Harness Assembly Machine

Automated machinery designed for the manufacturing of electrical and electronic products. The system includes wire spool feeders, straightening mechanisms, cutting and forming stations, and quality control sensors.



Product Overview

Automated Wire Harness Assembly

This automated assembly machine is engineered for high-volume production of wire harnesses, cable assemblies, and various electronic components. It features a sophisticated PLC interface with a touchscreen control panel, allowing for precise operation and real-time monitoring of the manufacturing process. By integrating wire spool feeders, straightening mechanisms, and cutting stations, this system significantly reduces manual labor while ensuring consistent, high-accuracy output.

Technical Capabilities

System Components

- Wire spool feeders
- Straightening mechanisms
- Cutting and forming stations
- Quality control sensors

Control Interface

Programmable Logic Controller (PLC) with Touchscreen

Production Performance

Performance Highlights

1 Automated

Operational Mode

100 %

Process Consistency

Applications

Suitable For

Wire Harnesses, Cable Assemblies, Electronic Components