

Wire Fabric 90-Degree Cutter

This wire fabric cutter is designed for precise and efficient cutting of wire-reinforced fabric materials. The robust system integrates conveyors, cutting modules, and a PLC for accurate 90-degree cuts.



Overview

High-Precision Wire Fabric Cutting

This specialized machine is designed for the precise 90-degree cross-cutting of steel cord ply used in all-steel radial tire production. Featuring a crank-driven straight knife and servomotor-controlled fabric advancement, it ensures accurate length cutting and consistent splicing. The system is built for continuous, stable operation, integrating automatic splicing and winding capabilities to streamline the supply process for building machines.

Technical Specifications

Cutting Angle	90 degrees
Cutting Mechanism	Crank-driven straight knife
Drive System	Servomotor (Fabric Advancing), Servomotor (Splicer)

Key Features

Automation Features

- Automatic fabric splicing
- Automatic rubber strip overlapping
- Automatic roll winding
- Servomotor-controlled length cutting

Operational Benefits

High Automation • Stable Performance • Continuous Operation • Precise Splicing

Application

Primary Application	Steel cord ply cutting for all-steel radial tires
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