

90-Degree Wire Fabric Cutting Machine

This 90-degree wire fabric cutter is designed for efficiently cutting wire fabric at a 90-degree angle. The robust machine is engineered for high-volume production, providing consistent and accurate cuts.



Product Overview

Precision Cutting for Radial Tire Production

This 90-degree wire fabric cutting machine is engineered for the precise cross-cutting of steel-cord ply used in all-steel radial tires. Featuring a crank-driven straight knife and servomotor-controlled fabric advancement, it ensures accurate cutting lengths and consistent performance. The system includes an automatic splicer and rubber strip overlapping capabilities, creating a highly automated, stable, and continuous production workflow essential for modern tire building.

Technical Specifications

Cutting Angle	90°
Cutter Type	Crank driven straight knife
Control System	Servomotor controlled fabric advancement, Servomotor driven automatic splicer

Operational Capabilities

Operational Workflow

- Cross-cutting steel-cord ply
- Automatic fabric splicing
- Rubber strip overlapping
- Winding into rolls for building machines

Key Performance Indicators

90 degrees

Cutting Angle

Application Areas

Suitable Industries

Tire Manufacturing • Conveyor Belt Production • Rubber-based Product Manufacturing