SLITTING & REWINDING MACHINE

High-Speed Industrial Converting & Packaging Solution

MODEL: DUPLEX-500/1300

PRODUCT OVERVIEW

This machine is a High-Speed Slitting and Rewinding Machine designed to cut large master rolls of materials—such as BOPP tapes, stretch films, plastic sheets, and paper—into smaller, precisely sized finished rolls. Built with a heavy-duty frame and powered by a 3 HP to 5 HP motor, it operates smoothly at speeds between 150 and 250 meters per minute while offering features like digital auto-meter counting and tension control for clean, accurate cutting. It is an essential, reliable solution widely used in packaging industries, tape manufacturing units, and material processing plants to ensure fast, efficient production.

Compact Duplex Slitter Rewinder Unit

OPERATING SPEED
150 - 250 m/min

MOTOR POWER
3.0 - 5.0 HP

WORKING WIDTH
500 - 1300 mm

CUTTING PRECISION
High Accuracy

TECHNICAL SPECIFICATIONS

Parameter	Specification Details
Working Width Range	500 mm to 1300 mm (Customizable)
Compatible Materials	BOPP Tapes, Stretch Film, PVC Cling Film, LLDPE, Foil & Specialty Paper
Min. Slitting Width	10 mm – 25 mm
Max. Unwind Diameter	600 mm – 800 mm
Max. Rewind Diameter	300 mm – 400 mm
Slitting System	Rotary Shear Cutter / Razor Blade Assembly
Drive & Power Supply	AC Frequency Drive (VFD), 220V/415V Three Phase

KEY FEATURES & HIGHLIGHTS

Heavy-Duty Frame

Vibration-free cast iron structure designed for continuous high-speed operations.

Auto-Meter Counter

Digital preset meter counter with automatic stop function upon completion.

Tension Control

Manual/Automatic web tension controller for clean, uniform roll winding.

Electronic Edge Guide

Web guide alignment system to ensure exact edge accuracy and minimum waste.