

High Speed Constant Temperature Pvc Heat Shrink Machine

Heat Shrink Packaging Machine

Item Number: YZ24



Introduction

High speed constant temperature PVC heat shrink machine and heat shrink packaging machine for battery pack film processing with heat dissipation safer operation long service life and dependable production workflow support across production environments

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Application	Description	Key Benefit
Battery Pack PVC Film Shrinking	Shrinks PVC film around assembled battery packs after the pack has been prepared for protective packaging.	Provides a dedicated thermal packaging step for battery pack production workflows.
Battery Research and Development	Supports packaging trials and process development where battery pack assemblies require PVC film heat shrinking.	Allows adjustable conveyor movement from 1-7.5 m/min during development work.
Battery Assembly Lines	Integrates into a battery assembly workflow as a conveyor-based heat shrinking station.	Creates a defined processing stage between film application and subsequent handling.
Small-Batch Battery Production	Processes battery pack batches in a fixed laboratory or production area using the specified heat box and conveyor.	Combines dedicated heating with powered product transport for organized batch work.
Battery Packaging Process Validation	Provides equipment for evaluating PVC film shrinking conditions using an adjustable transport speed and dedicated heating zone.	Helps operators establish a suitable operating workflow for the specified packaging material and pack format.
Production Line Expansion	Adds a dedicated PVC film shrinking capability to facilities already performing battery pack fabrication or packaging.	Extends the packaging process without requiring a separate manual heating operation.

Parameter	Specification
Product Item Number	YZ24
Application	PVC film heat shrinking for battery packs
Power Supply	380 V, 50 Hz, three-phase four-wire
Total Power Consumption	10.5 KW maximum
Machine Dimensions	1600 H x 610 W x 2700 L mm
Heat Box Dimensions	250 H x 480 W x 1600 L mm
Conveyor Belt Speed	1-7.5 m/min
Heating Tube Power	11 KW
Machine Weight	210 Kg