Winding and Unwinding

Fully Automatic Horizontal Winder

Applications

• Breathable/non-breathable hygienic films
• Barrier films
• Textile and fabric coating
• Non-woven laminates
• Bubble wrap
• Embossing films
• Coated aluminum foil
• Complex flexible packaging structures
• Glueless auto splice

Performance Parameters

• Web width: up to 2500mm
• Roll Diameter: 250 – 2000mm
• Speed: 80 – 1000 m/min
• Winding directions: 1 or 2
• In-line slit width: min. 105 – 120mm
• Circle time: 1 min (depending on slitting webs)
• Web tension: 25 – 250 N absolute, taper tension facility of 60%
• Shaft sizes: 76mm (3 inch), 152mm (6 inch), 17mm (6.75 inch)
Fully Automatic Horizontal Winder

EQUIPMENT LIST

- Fourth generation horizontal rewinder for bleedless multi-web winding
- Pull roll station
- One or two winding directions
- Shaft sizes: 3”, 6”, 6.75”
- Automatic glueless splicing system
- Driven spreader rolls, bow and angle adjustable
- Stationary knives for one or/and two splice direction
- Automatic unloading carriage
- Core magazine
- Automatic core positioning and transportation system
- Web slitting system with razor blades
- Edge trim extraction
- Chopper fan
- Automatic edge trim catcher
- Automatic shaft extractions for each winder shaft
- Safety equipment
- Static elimination

OPTIONS

- Slitting unit with shear knives
- Slitting unit with automatic knife positioning
- Dust extraction for slitt dust
- Edge trim exhaust
- Weighing cells for lifting table
- Manually core positioning
- UPS (Uninterruptible Power Supply)
- FAT (Factory Acceptance Test)
- Supervision