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Where your ideas take shape.



Extrusion Coating

High Efficiency Cup Stock Line

Typical Line Capabilities

- Tandem extrusion coating line for paperboard
- Surface treatment by flame treatment for both sides of the board
- Process capabilities for LDPE, LLDPE and HDPE and PLA resin
- Post corona treater for printing process
- Turret winder or surface winder for jumbo rolls

Design Criteria

- Machine line speed 450, 600 or 700 m/min
- Web width 1350, 1650, 2300 and 3200mm
- Shaftless unwind roll diameter from 1600 to 2000mm
- High nip pressure laminator up to 40N/mm

High Efficiency Cup Stock Line

EQUIPMENT LIST (DEPENDING ON SPEED)

Unwind Section

- Two direction shaftless turret unwind
- Loading table
- OPG Web guide
- Pull roll station
- Flame pre-treating unit for both sides of the web
- Frame with cooling rolls and web overpass

Coating Station (back side)

- Linear 3 roll laminator for high nip pressure extruder carriage with mono or co-extrusion
- QSE adapter with melt pipe
- Automatic die type 510 A
- Web overpass

Coating Station (print side)

- Linear 3 roll laminator for high nip pressure
- Co-extruder carriage mono or co-extrusion
- QSE adapters with melt pipes
- Automatic die type 510 A

Winder Section

- Surface winder with shaft extractor or shaftless turret winder with pull roll

Auxiliary Equipment

- Water pump stations
- Central hydraulic unit
- Foundation plates and extruder guiding rails
- Safety devices
- Web break detectors
- Frames and idler rolls

Drives and Controls

- EXACT-S visualization control system
- Davis-Standard Secure Service Support System (DS⁵)
- AC drives
- Load cells
- Control and contactor cabinets (PLC)
- Main operating panel
- Power panels and temperature control

OPTIONS

- Slitting station
- Ozone system for the melt curtain
- Inspection system
- Butt splice at the main unwind
- Energy saving heater design for the extruder barrels