



Our plant concepts

- Winding and unwinding system
 - Turret-winder / single-winder
 - with web guiding tension control
 - with edge control (centered or edge controlled)
 - with manual or automated splice
- Web cleaning and pretreatment:
 - Corona treatment
 - Touchless or contact cleaning
 - Web cleaning with anti-static units
- Application unit:
 - Slot spray application, rotary printing, knife coating, etc.
- Dosing methods
 - Drying tracks single and double stage:
 - Convection dryer hanging and guided by rolls (simple to modify)
 - alternative / supporting IR drying, contact drying, etc.
- Our solutions to ensure quality during coating for all relevant process steps include:
 - Regulator from cover A to B side
 - Layer thickness measurement wet (ATEX) and dry
 - Loading measurement
 - Surface inspection using reflected light

- and transmitted light process
- Edge inspection (e.g. Heavy-edges, leading-edges etc.)
- Splice detection
- Error tracking & marking with e.g. DMC code marking

Specifications

- Coating speed 0,5 – 30 m/min
- Application thickness wet 4 – 100 μm
- Spray precision up to AAAA
- Coating width 50 – 1.200 mm
- Loading track area 10 – 300 N
- Precision A to B side +/- 0,2 mm

