With the PAK 610 coating and laminating of waxes and hotmelts in web widths of up to 1,300 mm at operation speeds of up to 300 m/min is possible.

But also the production of solventless laminates (1 and 2-component adhesives) can be accomplished.

The modular design of the PAK 610 allows a design suited to the individual production requirement.
Main features of the PAK 610

- Large variety of coating- and laminating methods
- Broad coating weight range from 2 - 200 g/m²
- Wide viscosity range with pan-fed coating or coating out of the nip (feeding box)
- Product cost savings through controlled minimum coating weight (doctor blades)
- Different coating weight on front- and back side of the web (double side doctor blades)
- Controlled gloss through variable positioning of distance and wrap angle around the cooling roll
- Variable positioning of the laminating nip for adjusting the web lift-off point of the web from the cooling roller as well as for solventless lamination

Coating Processes

- Wax coating, High gloss coating single side coating/ web semi-dipping
- Hotmelt/wax coating for coatings > 20 g/m², single side coating/reverse coating
- Wax coating for coatings above 2 g/m², single side coating/forward coating
- High gloss coating single side coating/ reverse coating
- Wax coating, ironing single side coating/ reverse coating
- Laminating wax single side coating/ forward coating
- Laminating wax coating of aluminium, single side coating/reverse coating
- Cardboard lamination single side coating/ forward coating
- Laminating wax, strike-through lamination, single side/forward coating

Technical Data

- Working width: 650 - 1,300 mm
- Working speed: max. 300 m/min
- Viscosity:
  - Waxes: 500 - 3,000 mPascal
  - Hotmelts: 2,000 - 200,000 mPascal
- Coating weight:
  - Min.: 2 g/m²
  - Max.: 200 g/m²
- Temperature: up to 180 °C
- Ø Reel: 500 - 1,000 mm

Substrates
- Paper: 20 - 140 g/m²
- Cardboard: up to 500 g/m²
- PP, PET: 20 - 200 g/m²
- Aluminum: 7 - 100 μm

Applications

- High and low gloss wax coating, single-sided
- Double-sided wax coating (dip coating)
- Duplex wax lamination of Aluminium/Paper, OPP/Paper etc.
- Adhesive tapes and PSA labels with hotmelts
- Solventless - Lamination with 1- and 2-component adhesives

Coating Processes

- Wax coating, High gloss coating single side coating/ web semi-dipping
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