



# PAK 610

## Possible Applications



Candy Wrapping, Twist Tops



PSA Hotmelt Labels



Soap Wrapping



Fat Wrapping



Solvent-free Lamination



Meat Wrapping

## PAK 610

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.

## PAK 610

Coating machine for waxes, hotmelts and solventless adhesives





## Main features of the PAK 610

- large variety of coating- and laminating methods
- broad coating weight range from 2 - 200 g/m<sup>2</sup>
- 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



ProLine, Screenshot coating station

- modular design with possibility of retrofits for various coating processes
- Advanced machine control and visualization system KROENERT ProLine
- Precise and efficient compound melting and feeding by the PAKMELT (option)

### Applications

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

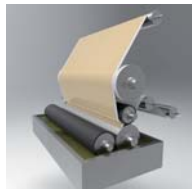


Wax melting unit PAKMELT

## Coating Processes



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



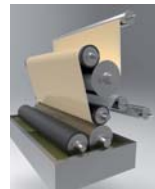
Hotmelt-/wax coating for coatings > 20 g/m<sup>2</sup>, single side coating/reverse coating



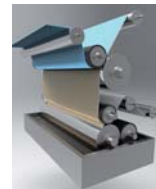
Wax coating for coatings above 2 g/m<sup>2</sup>, single side coating/forward coating



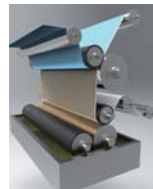
High gloss coating single side coating/forward coating



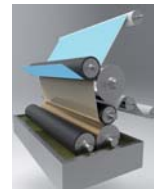
Wax coating, ironing single side coating/reverse coating



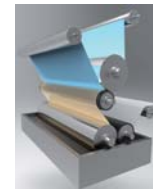
Laminating wax single side coating/forward coating



Laminating wax coating of aluminum, single side coating/reverse coating



Cardboard lamination single side coating/reverse 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 mPas
hotmelts	2.000 - 200.000 mPas

Coating weight	min. 2 g/m <sup>2</sup>
Coating weight	max. 200 g/m <sup>2</sup>
Temperature	up to 180 °C
Ø Reel	500 - 1.000 mm

### Substrates

Paper	20 - 140 g/m <sup>2</sup>
Cardboard	up to 500 g/m <sup>2</sup>
PP, PET	20 - 200 g/m <sup>2</sup>
Aluminum	7 - 100 µm