PAK 600

Coating machine for waxes, hotmelts, heatseal and solventless adhesives

The PAK 600 is the universal and modular machine with which any coating or laminating process requiring waxes, hotmelts, heatseal and solventless adhesives can be implemented. The modular construction allows integration or adding of components at a later stage.

As an additional feature, the PAK 600 can be combined with other coating stations and used for inline applications: pre- and post coatings, for instance for the inline lacquering of aluminum foils of aluminum foil/paper laminates or for moistening paper for twisted candy wrappings.

It is of course also possible to perform foil strip laminations if a further adhesive wax applicator is added.

By integrating the PAK 600 in gravure and flexo printing machines, coating of molten barrier and sealing layers extends the available variety. To the printing machine as well as the final products a substantial value is added.

Possible Applications

Candy Wrapping, Twist Tops

PSA Hotmelt Labels

Soap Wrapping

Meat Wrapping

Solvent-free Lamination

Fat Wrapping

PAK 600

PAK 600

KROENERT GmbH & Co KG · Schützenstr. 105 · D - 22761 Hamburg
Tel. +49-40/853 93 01 · Fax +49-40/853 93 171 · www.kroenert.de · info@kroenert.de

PAK 600

PAK 600
PAK 600 with PAKMELT

Main features of the PAK 600
- more than 60 coating and laminating processes
- precise coating weights
- optimum temperature control
- versatile set ups and web paths
- short web lengths
- application on both sides simultaneously
- perfect web tension control
- compact construction
- frequency controlled AC drives
- Customized melting equipment (PAKMELT) with precise temperature control

The versatile performer in the hotmelt arena
PAK 600 for coating and lamination, equipped with single or turret unwinders and rewinders.

The main applications of the PAK 600
Food packaging
- Dairy wrapping (butter, margarine)
- Bread wrappers
- Confectionery wrappers (chocolate, candies)
- Frozen goods packaging
- Sealable products (yogurt labels)
- Chewing gum wrappers

Technical products
- Glossy papers (flower wrapping, decorative papers)
- Detergent packaging
- Self-adhesive products (labels, adhesive tapes)

Following coating and lamination processes are available

1. Coating with pan feeding
- Dipping for double-sided coating
- Pre-metering and doublesided blade
- Forward and reverse run
- Gravure printing
- Meyer bar
- Strip lamination

2. Coating with gap feeding
(hotmelts > 2,000 mPas)
- Forward run
- Strip coating
- Self-adhesive products (labels, adhesive tapes)

Technical Data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Working width</td>
<td>500 - 1,600 mm</td>
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<tr>
<td>Working speed</td>
<td>max. 500 m/min</td>
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<tr>
<td>Viscosity</td>
<td>up to 2,000 mPas (pan)</td>
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<tr>
<td></td>
<td>up to 200,000 mPas (gap)</td>
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<tr>
<td>Coating weight</td>
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<tr>
<td>Pan</td>
<td>min. approx. 2 g/m²</td>
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<tr>
<td></td>
<td>max. approx. 50 g/m²</td>
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<tr>
<td>Gap</td>
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<td>max. approx. 200 g/m²</td>
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<tr>
<td>Temperature</td>
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<tr>
<td>Ø Reel</td>
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<td>Substrates</td>
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<tr>
<td>Paper</td>
<td>20 - 140 g/m²</td>
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<td>Cardboard</td>
<td>up to 500 g/m²</td>
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<tr>
<td>PP/PET</td>
<td>20 - 200 g/m²</td>
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<tr>
<td>Aluminum</td>
<td>7 - 100 μm</td>
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Wax melting unit PAKMELT