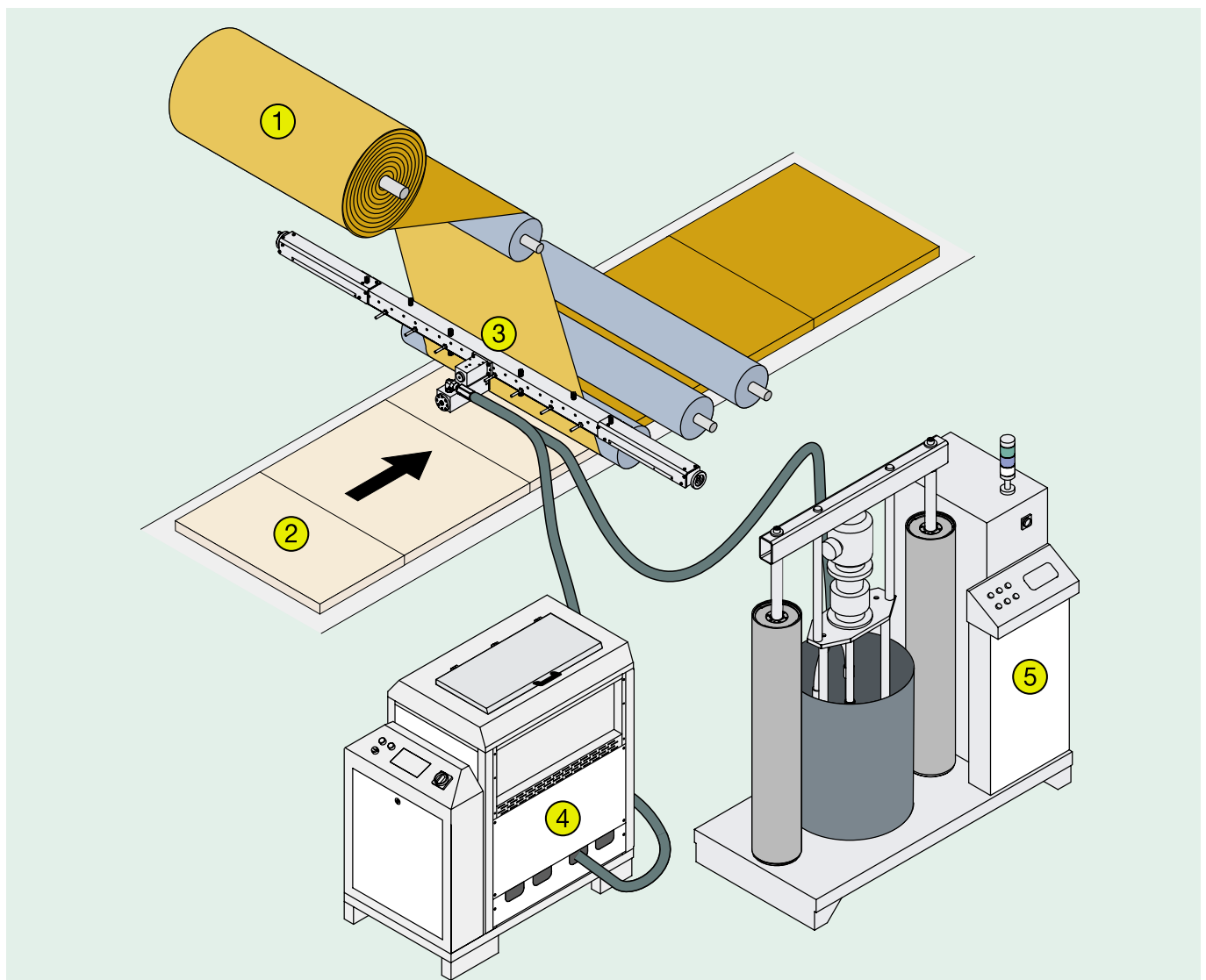


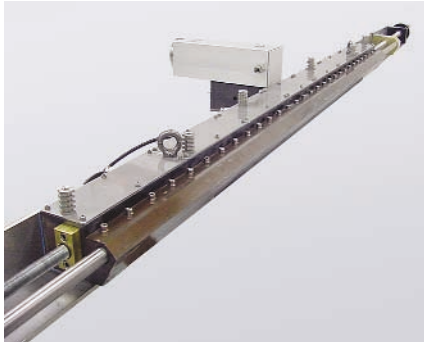
Coating system

For profile wrapping and lamination

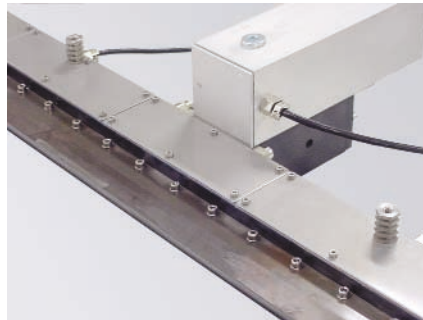
Coating technology with EVA, PO and PUR hotmelts for profile wrapping and lamination with paper decoration or decorative PVC sheet in the board processing industry.



- | | | |
|---|--|--|
| 1 Unwinding of the paper or PVC sheet with sheet tension and edge control | 3 Coating head with motor-driven adjustment, application width from 300 to 1400mm, with (optional) bracket in 8 places and large-surface adhesive entry filter | 4 Melting and metering appliance for EVA and PO hotmelts in granular or block form |
| 2 (Chip) board to be coated | | 5 Drumunloader for 200 litre steel drums for the optional processing of PUR |



FKW heads: Application widths up to 1,400mm



1 central adhesive inlet with large-surface filter

Quantity control

Application

The quantity control is suitable for all applications in profile wrapping and coating of (chip) board where the application width and/or weight needs to be altered frequently. This control enables the customer to set up a fully automatic production line which can be operated by remote control.

Product description

The quantity control calculates the correct quantity to be fed by the gear pump on the basis of the application width, the application weight and the machine speed measured by an encoder. The application width and weight are entered at the ICS control of the basic appliance. All feed quantities of the pumps are already stored in the software. Only one parameter needs to be altered in case the original pump is replaced by another one.

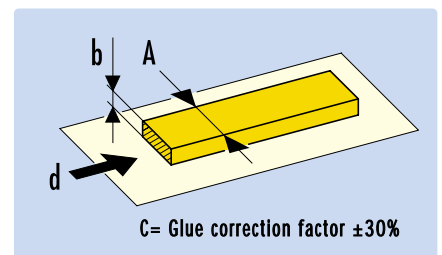
One quantity control unit is able to control up to two gear pumps and two coating heads. It can be integrated directly in the basic appliance or in an external system. The control is suitable for gear pumps exclusively.

Features and benefits

- Automatic calculation of the pump speed for different application widths and weights
- Fast and reliable changes of production and setting
- The feed output of all Robatech pumps is already programmed
- Configuration of two different gear pumps and coating heads

Input surface

The data for the quantity control are entered over the operating surface of the ICS-Electronics and processed in the basic appliance. The following can be entered:



- A Application width in [mm]
- b Application weight in [g/m²]
- C Correction factor for a quick adaptation of the glue quantity $\pm 30\%$
- d Machine speed (if not detected by an encoder)

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