

**combi
MELT**

for

EVA...

PUR...

modular

flexible

variable

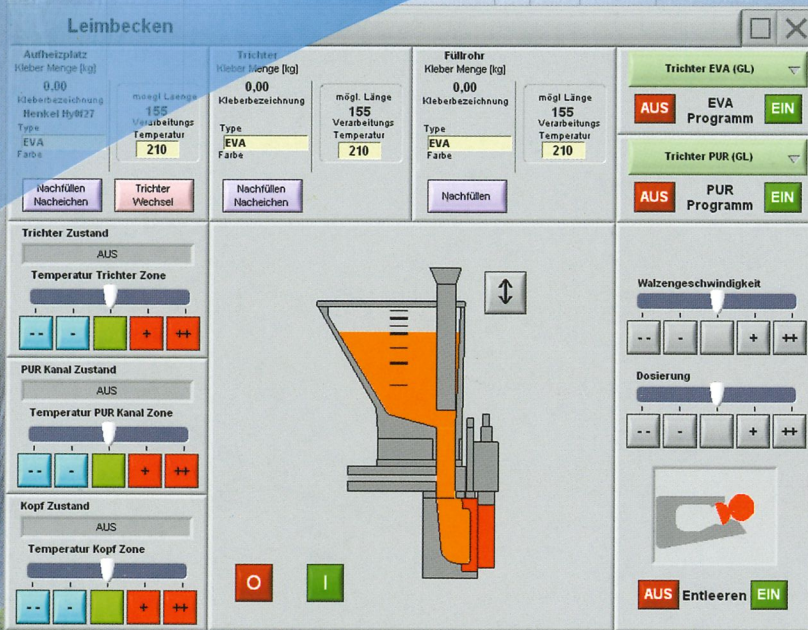
... fully automated...

The perfect system

for perfect edgebanding



Operation and control of the **combimelt** glue application system



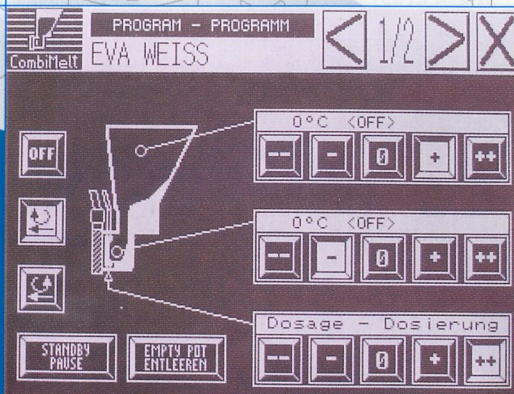
A powerful automation has to be realized in multiple logical steps:

- User friendly
- **Operator interface**
- Appropriate
- **Machine control systems**
- Reliable and automation proof
- **Mechanics and electronics**

Automation is the reliable synthesis of all machinery systems including control systems with defined integration of the operator in an efficient man/machine dialogue.

The automation is supported by the latest operator interface and shows the full benefits of this glue application system:

- Separately controlled heating systems for application head and hopper allowing for best adjustment to glue types and quantities.
- The **varioMelt** dosing system synchronizing the applied glue quantities as required for different glues, panels and edge materials.
- The processing of different glue types with quick change hoppers and the selection of the respective glue program on the touch screen.



Reliable and proven solutions are standards represented in every OTT edge banding machine, ensuring operational safety and maximum efficiency for the investor!

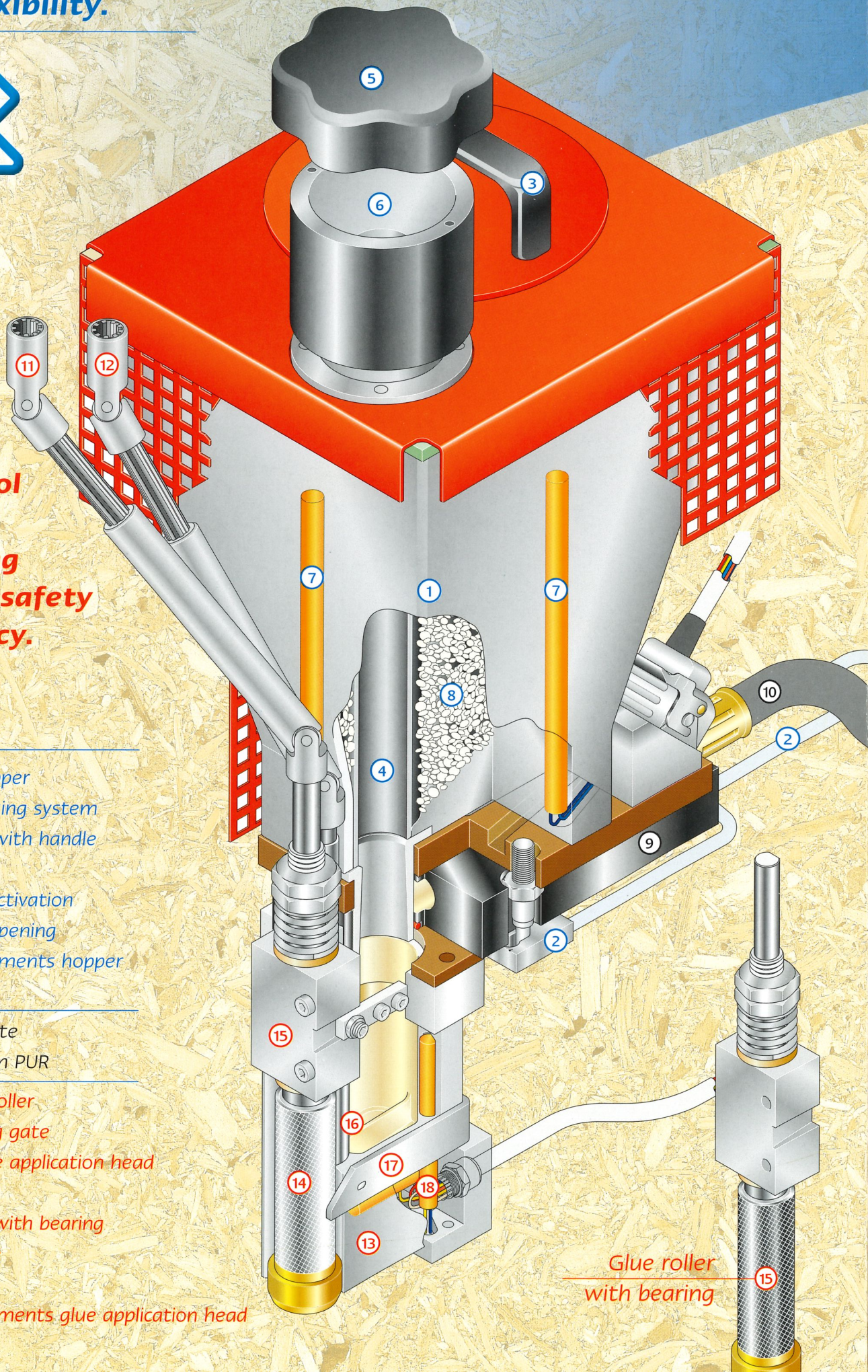
... the modular application system with optimum handling comfort, maximum maintenance friendliness and full flexibility.

**combi
MELT**

Perfectly combining innovation, technical precision and the latest control systems guaranteeing operational safety and efficiency.

Legend:

- | | |
|------|--|
| (1) | Heated hopper |
| (2) | Hopper locking system |
| (3) | Hopper lid with handle |
| (4) | Feed pipe |
| (5) | Feed pipe activation |
| (6) | Feed pipe opening |
| (7) | Heating elements hopper |
| (8) | Hot melt |
| (9) | Support plate |
| (10) | Feed system PUR |
| (11) | Drive glue roller |
| (12) | Drive dosing gate |
| (13) | Heated glue application head |
| (14) | Glue roller |
| (15) | Glue roller with bearing |
| (16) | Dosing gate |
| (17) | Tracer |
| (18) | Heating elements glue application head |



Glue roller
with bearing

**multi
MELT**

... a convincing concept for the flexible use of different hoppers.

multiMelt makes your selection of hot melts easy and efficient.

If you use EVA, PUR, or another type of glue or make a quick change in colours, the **combimelt** system allows you to react quickly and without effort.

Hoppers with 2,5 l or 1,5 l capacity, both equipped with a feed pipe, can be used in any required numbers.

Change over of hoppers is easy:

Close the feed pipe, use up or empty remaining glue in the hopper, open locking system and take off the hopper.

Service stations with three hopper positions are available as an option. In these stations hoppers can be preheated.

For glue cartridges, especially for PUR application, a special round hopper is available with 64 mm inside diameter.

Via a standardized support plate exchange hoppers of different sizes (2,5 or 1,5 l capacity, as well as the cartridge version) can be activated.

A feed channel complete with hose connection to supply PUR hot melts from external tanks is available as an option

FLEXIBILITY that efficiently secures your investment!



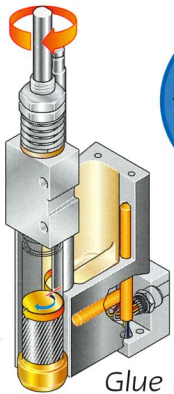
This unique system assists your maintenance and cleaning requirements in an optimized way. The glue roller, the complete glue application head, as well as the hoppers can quickly be disassembled and replaced.

The availability of the machine is not depending on the maintenance of individual parts.

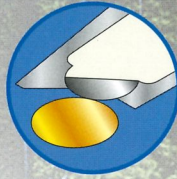
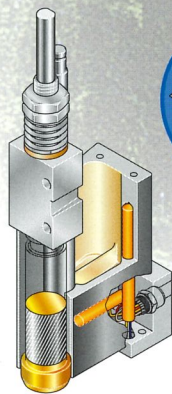
**vario
MELT**

Dosing system

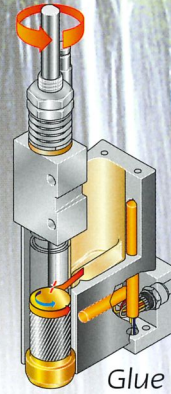
- the patented heart of the glue application system.



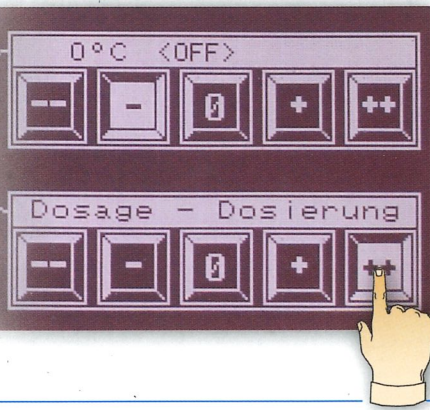
Glue application with the feed (WF)



Dosing gate in sealing position



Glue application against the feed (AF)



The motorized dosing system for fully automatic operation of the **combimelt** glue application system.

By selecting the individual programs, corresponding dosing parameters are activated. Different types of glue can be processed without any manual adjustments. Individual settings can be entered easily via the touch screen.

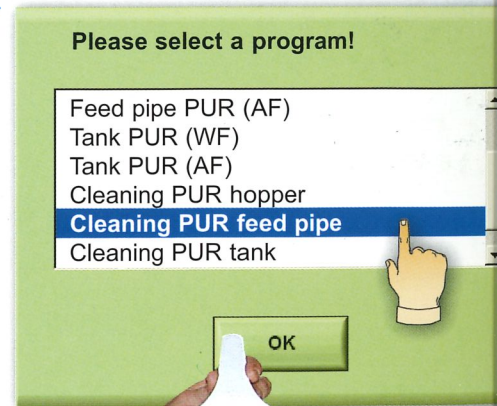
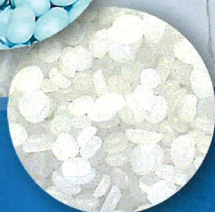
Automatic cleaning programs:

The automation of the cleaning process with all commercially available cleaning detergents is unique and only possible with the **varioMelt** system.

EVA cleaning detergents are applied with the glue head sealed, PUR detergents with the glue gate open and glue roller turning.

The heavily used glue application head can be cleaned thoroughly and easily via a corresponding cleaning program.

The detergent can be filled into the feed pipe (closed position - while the hot melt remains in the hopper) or into the empty hopper.



Please select a program!

- Feed pipe PUR (AF)
- Tank PUR (WF)
- Tank PUR (AF)
- Cleaning PUR hopper
- Cleaning PUR feed pipe**
- Cleaning PUR tank

OK

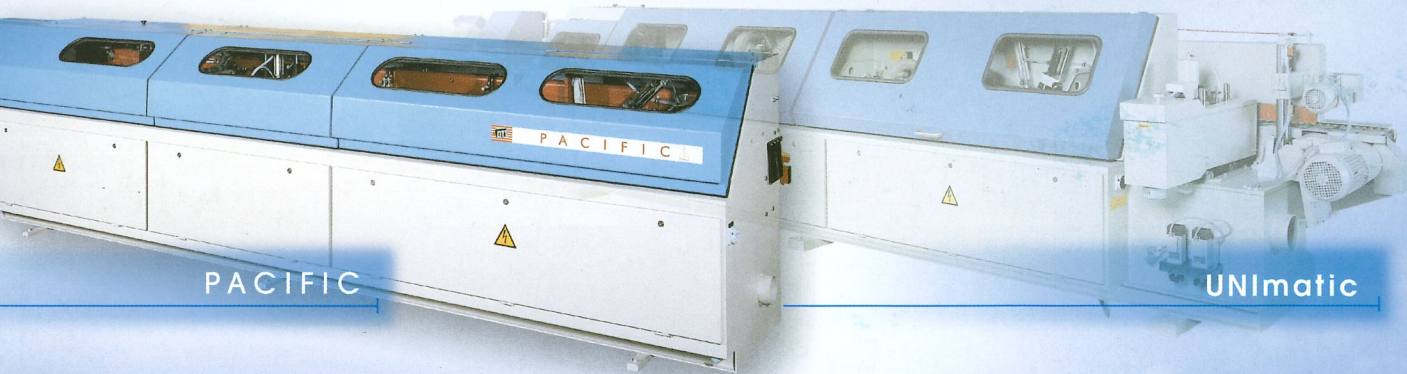
Automatic cleaning:

Automation at its best!





Technologies for a successful future



PACIFIC

UNImatic

Continuing experience, latest technologies, clear automation concepts and their consistent realization by a dedicated staff are all part of the Paul OTT company philosophy.



UNImatic



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