



green GLUING

PERFECTFOLD LIQUID CREASER

Folding corrugated cartons accurately and quickly



STABLE PRODUCTION AND HIGH FOLDING ACCURACY

PerfectFold applies creaser liquid without contact to the two fold lines that are folded during the production of corrugated cartons. The creaser liquid reduces the stiffness of the corrugated board. As a result, the softened fold lines can be folded accurately and with little effort. Therefore, folding box gluers can be operated at increased production speed and with less set-up effort. The number of system interruptions is reduced.

PerfectFold System

The PerfectFold liquid creaser consists of a supply unit, two Sempre 15 or 30 jetting heads and the Sirius pattern control. Operation is via a mobile device or PC/Mac using the RobaVis user interface. An external panel is available as an option on request. The system can be easily integrated into existing or new machines. The pump and buffer tank in the supply unit enable uninterrupted operation when changing the liquid containers. An I/P converter ensures that the correct amount of liquid is always applied to the fold lines despite changing production speeds. If necessary, the application heads can also be controlled by the customer.

SpeedUp Creaser Liquid

PerfectFold is operated with SpeedUp creaser liquid. The liquid was specially developed for PerfectFold. It penetrates the corrugated board quickly and leaves no marks after fold-

ing. SpeedUp is available in 25-liter canisters and 1000-liter IBC containers directly from Robatech.

Accurate Folding – Satisfied Customers

With PerfectFold, you produce folding boxes with consistently accurate inside and outside dimensions. You have issues such as fold breakage, inaccurate gaps, and fishtailing under control.

Your Advantages

- High process stability: fewer interruptions and rejects due to soft fold lines
- Consistently accurate folding delivers accurate inner dimensions for precisely fitting inserts
- Gap and fishtailing under control
- No fold breakage
- High process speed and fewer changes of creasing tools thanks to soft fold lines
- Reduced force required for folding simplifies folding tool setup
- Fast installation and easy operation



Consistently accurate folding without fold breakage



Correct dimensions for precisely fitting insert



Application of SpeedUp creaser liquid to the fold line

TECHNICAL DATA

Container	25 liters
Pump	Micro diaphragm pump
Compressed air	Max. 5-6 bar
Fluid pressure	0.3 to max. 2.5 bar
Suction filter	0.85 mm
Speed	Up to 300 m/min
Electrical connection	100-240V, 1Ø (N) PE, 50/60 Hz
Weight	70 kg (with control and application heads)

