

COMBIJET[®] 9DT

Fold-Gluing



The basic system for longitudinal gluing

Precise, user-friendly, reliable, efficient

PLANATOL[®]

Combijet 9DT – The basic system for longitudinal gluing and fold-softening

Operating panel Combijet 9DT with touch screen

Compact structure with integrated control



Medium supply

Pressure tank with a capacity of 50 kg each for adhesive and fold-softening agent, double diaphragm pump optional

Filter for adhesive, fold-softening agent and water



Operating panel

Logically designed touch screen

Central operation from the Combijet system cabinet, from the additional operating panel or from the press control desks

Clear menu guidance for programming of system parameters, setting of glue line patterns and positioning of the applicator heads

Further operating panels optional



Applicator head

Compact structure

Exact intermittent application due to minimum distance between closing and opening point

Ceramic nozzles extremely wear and corrosion-resistant for contact application

Nozzles for double glue line optional



Cross-bars

Cross-bars, protected against soiling in the positioning mechanism

Individual installation planning adapted to the folder

Applicator heads can be positioned horizontally by motor and vertically by hand

Repeating accuracy in positioning of the applicator heads with path-measuring and feed-back to the control

Button for flushing of applicator heads and for functional test

Separate dosage valves for adhesive and fold-softening agent





Configuration example

Schematic lay-out of longitudinal gluing in a web press with one folder and 4 applicator heads

Combijet 9DT meets the requirements of small and medium-sized web presses. With intermittent longitudinal gluing and continuous fold-softening the system can realize printed products from 8 to 64 pages with a maximum of 8 applicator heads.

Features

- Application of adhesive and fold-softening agent in contact to the paper web
- Exact intermittent fold-gluing and continuous fold-softening at all speeds
- 8 applicator heads maximum
- Snap-fastener for quick replacement of applicator heads without tools
- Thin glue line applied through nozzles made of wear-resistant ceramic
- Separate quantity dosage for each applicator head
- Gluing or fold-softening with one applicator head
- Motorized adjustment of the applicator heads with path-measuring system and feed-back to the control for accurate repeat positioning
- Medium supply from 50 kg pressure tanks
- Manual flushing and cleaning system
- User-friendly operation via touch screen
- Remote diagnosis system
- Link to press control desk

Technical data Combijet 9DT

Adhesive application	contact application, intermittent, up to eight glue lines per cylinder circumference
Fold-softening application	continuous contact or non-contact application
Quantity of applicator heads	8 max.
Nozzle diameter	gluing and fold-softening with contact application and nozzle diameter 0.5 mm further nozzle diameters available
Maximum web speed	20 m/sec.
Shortest glue line	15 mm
Shortest possible interruption	15 mm
Average adhesive consumption	0.6 kg / 100,000 glue lines A4 (depending on adjustment and paper quality) adhesive type DKA 1020; nozzle diameter 0.5 mm
Axial adjustment	motor-driven, programming of asymmetric paths possible
Vertical adjustment	manual; motor-driven optional
Operation	touch screen 15", integrated operator's manual
Quantity of programmable glue line patterns	150
Languages	many languages available in the system, among others Chinese and Japanese; up to eight languages can directly be selected
Quantity dosage	adjustable dosage valve
Communication between operating panels and peripheral component groups	Ethernet
Communication with the press control desk	Ethernet
Speed signal	via central encoder or master axis encoder
Adaptation of adhesive pressure to the press speed	manual adjustment
Maintenance functions	extensive maintenance functions, remote diagnosis
Adhesive container	1 x pressure tank 50 kg
Container for fold-softening agent	1 x pressure tank 50 kg
Protection class control cabinet, peripheral component groups	IP65
Voltage supply	100 – 240 VAC, 380 – 480 VAC +/- 15 %
Frequency	50 / 60 Hz
Water supply	optional; min. 2 bar, max. 8 bar
Compressed-air supply	G 1/2", G 1/8"; 6 bar

Subject to technical modifications.

System and adhesive from one single source

As manufacturer of machines and adhesives we create the prerequisites for trouble-free running systems with exactly coordinated developments and high production quality. The formulas of our adhesives (viscosity, solid content, special sieving) are adjusted to processing from smallest nozzles at highest speeds.

Learn more about adhesives and fold-softening concentrates from our brochure „Planatol Fold-Glues“.



Fold-glues and fold-softening concentrates