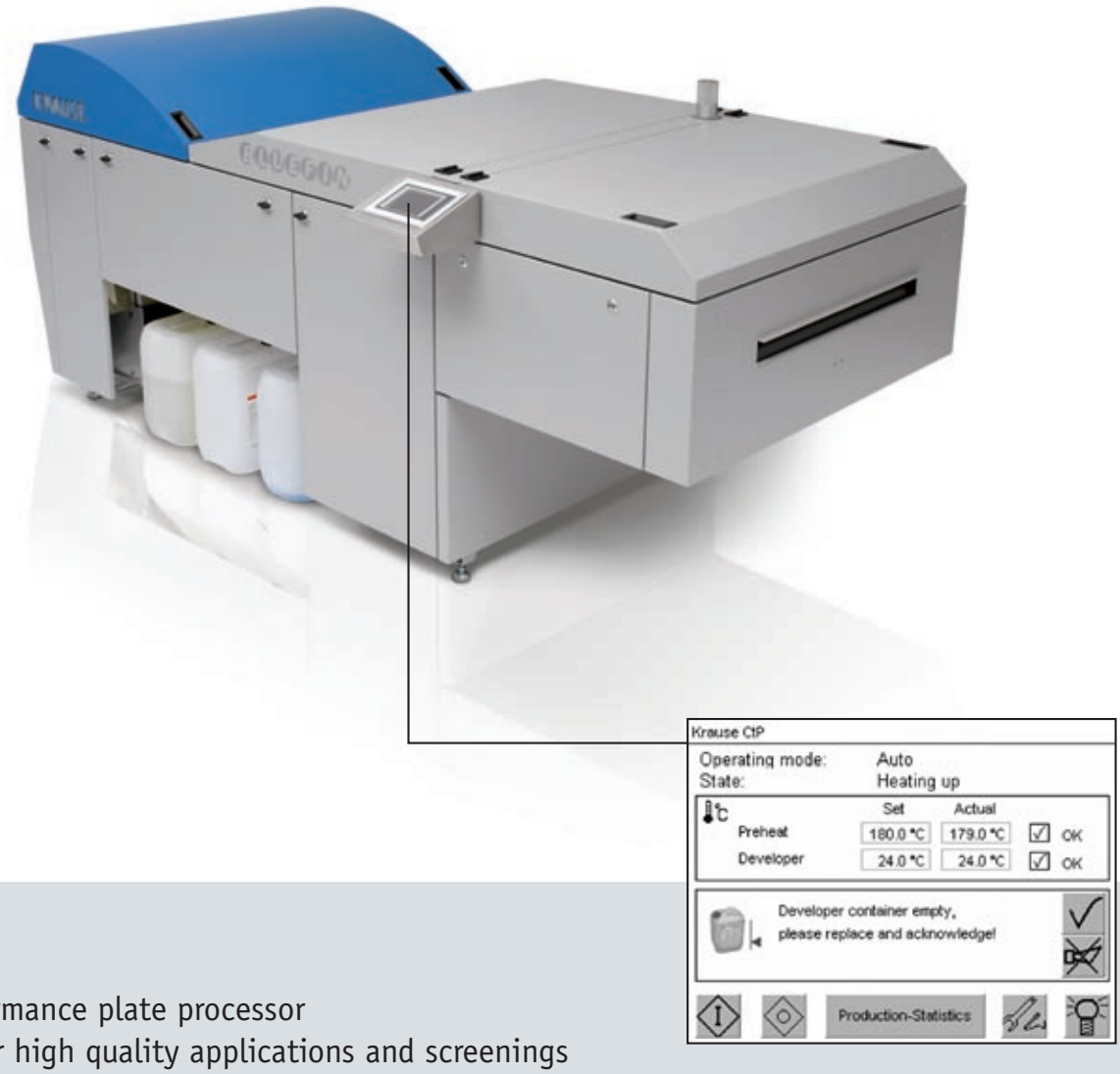
Krause BlueFin

Krause FlowControl



- High performance plate processor
- Suitable for high quality applications and screenings
- With up to 320 plates/h fastest processor of the world (BlueFin 650 HS)
- Reduction of energy costs of up to 50%
- High production security by monitoring of all flow rate parameters with the FlowControl System

KRAUSE

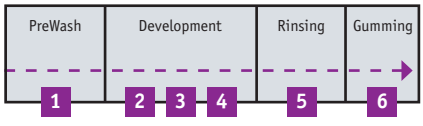
Quality builds trust.

BlueFin and FlowControl – production security in processing on highest level

The BlueFin is a high class plate processor for printing plates, available in two speed configurations. Constant processing results qualify the BlueFin for the use of modern standards in newspaper production, for example high resolution and FM screening.

Low energy and chemistry consumption, less faulty plates and high production availability reduce the costs per plate considerably. The optional control system FlowControl guarantees a maximum degree of security. It immediately recognizes irregularities and therewith contributes to the stability of the total production process. This represents another step towards fully automatic, industrial newspaper and commercial production.

TECHNICAL DATA	BLUEFIN SOLUTION	CUSTOMER ADVANTAGE
Supported plate types	All common polymer and chemical free plates	Independence from plate type/supplier
Plate format	Max. 650 mm width	All common newspaper formats can be processed
Plate thickness	0.25 – 0.4 mm	All common newspaper thicknesses can be processed
Speed	80 – 240 cm/min	High speed processing with up to 320 plates per hour
Construction	Stainless steel bath	Easy cleaning, longevity
Roller diameter	80 mm	High production security by robust construction
PreHeat	Single element, easily removable	High production availability and pre-heat power
Start up time	Less than 9 min. from cold start	Time and energy saving
Plate temperature	+/- 2° C over whole plate	Adequate for high quality applications and screenings
PreWash	Exact adjustment of roller pressure and speed	Optimal processing result, min. overcoat transport
Development	Anti-oxidation sealing	Approx. 10% longer durability of developer
	Brushes work against rollers	Better processing results, very precise adjustment
Dipping length	83 cm	High speed processing
Tank content	78 l for developer chemistry (extendable)	High speed, longer lifetime of chemistry
Dwell time	24 s at 210 cm/min.	Complete processing at highest speed
Gum	By spiral roller	Defined gum on plate
Drying	Without heat by cold air	Plates stay cold, better register, reduced energy consumption
Energy consumption	3 – 4 kW	Energy cost reduction of up to 50%
Weight	950 kg empty, 1100 kg filled	High class construction for longer product lifetime
Footprint	1.398 mm (W) x 2.818 mm (L) x 1.220 – 1.370 mm (H)	Higher speeds at compact design



Functions of FlowControl

FLOWCONTROL-MONITORING		CUSTOMER ADVANTAGE
Water supply	1	Prevention of plate jams and quality loss
Developer circulation	2	Early recognition of filter plugging
Replenisher supply	3	Constantly high quality of processing results
Developer supply	4	Optimal use of chemistry
Water supply	5	No faulty prints caused by sticking plates
Gumming	6	Constantly free running plates

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Subject to change

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