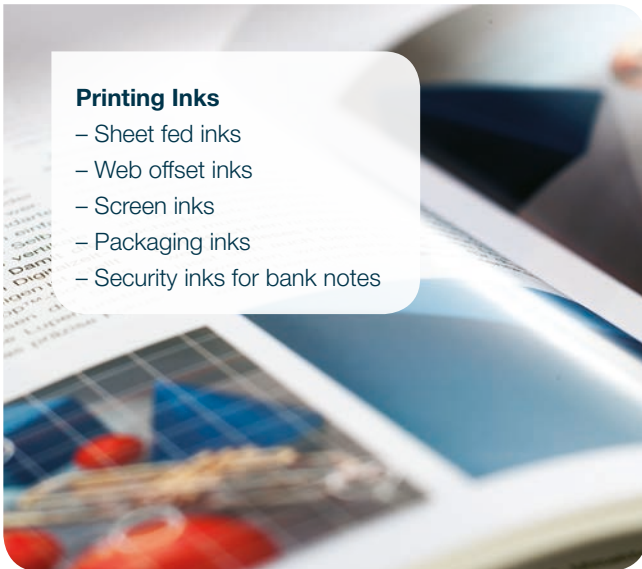


Trinomic.
**Fully hydraulic
three-roll mill
for an unbeatable
price-performance
ratio.**

Trinomic – efficient and robust.

Three-roll mill for various applications.

Trinomic is a three-roll mill developed for universal applications that meets the most stringent quality standards. It is designed to ensure maximum productivity and efficiency for your production process. It is a versatile mill for high to very high viscosity masses, for example all types of printing inks, artists' colors, industrial and decorative paints, toners, and coating masses.



Printing Inks

- Sheet fed inks
- Web offset inks
- Screen inks
- Packaging inks
- Security inks for bank notes



Solar Technology

- Silver pastes
- Aluminium pastes
- Titanium dioxide pastes
- Glass solder pastes



Electronic Industry

- Glass pastes for displays and plasma screens
- Phosphor pastes
- Metal pastes (Ni, Cu, Pt)
- PCB (Printed Circuit Boards)



Other Applications

- Cosmetic products/soaps
- Carbon nano tubes
- Lubricants (grease, oil)
- Sealing pastes
- Artist colors

Trinomic 600

COMFORT-3S
control package



Mechanical
roll gap setting



Hopper level control

Splash/safety guard
for best operator
protection

Apron with
adjustable
knife holder



Trinomic 1300

Tub tilting device



Protective flap



Mechanical
roll gap setting



Individual cooling
of each roll

COMFORT-3S
control package





Industry-proven machine design. **Increased functionality and safety.**



Hydro-dynamic roll pressing system

The hydro-dynamic roll pressing system guarantees high throughput and permanently stable, reproducible pressures in the roll gaps.



Three roll operating positions

Trinomic offers several operating positions for maximum usability. The operating position "pressing" is the working position for fine grinding and dispersion. The "mixing" position provides a pressed intake gap for intermixing of the material. The "disengagement" position ensures that the rolls are disengaged for cleaning.



Bühler safety concept

The wide range of protective devices allow a safe feeding of the rolls using a pump, a press-out device or manually. The electrically detected collecting trough protects the pinch point under the apron. The cleaning guard increases the safety of the operators.

Press-out device. **Increased productivity for your processes.**

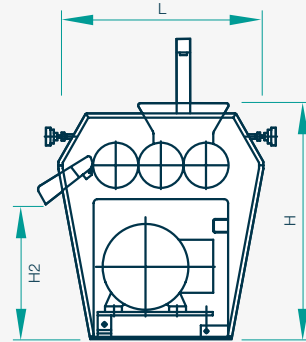
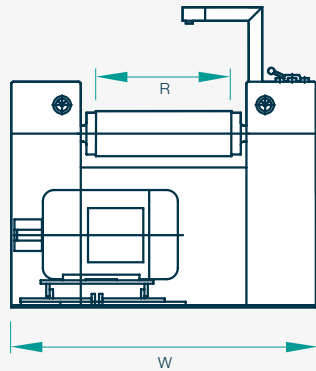
The press-out device mainly serves to feed the three-roll mills with medium to highly viscous products. It is a reliable system that can be controlled using the hopper level sensor of the three-roll mill.



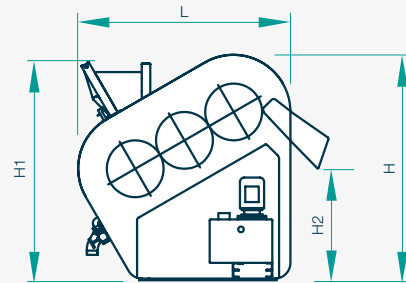
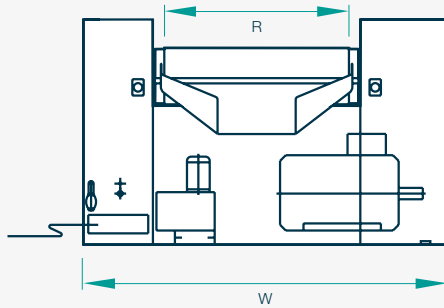
Trinomic.

Technical data.

Trinomic 600



Trinomic 1300



Specification and dimensions

	Trinomic 600	Trinomic 1300
Centrifugally cast rolls	●	●
Open flow cooling system	●	●
Mechanical gap adjustment	●	○
Ex proof	○	○
Automatic product feed control with dry running protection	○	○
Control system COMFORT-3S	●	●
Inching	○	○
Protective hood / draw-in guard	●	●
Cleaning guard	●	●
	Trinomic 600	Trinomic 1300
H – Height machine [mm]	1,070	1,585
H1 – Height incl. protective hood [mm]	--	1,540
H2 – Height apron [mm]	595	780–795
W – Width [mm]	1,355	2,560
L – Length [mm]	910	1,495
R – Rolls length [mm]	600	1,300
Rolls diameter [mm]	200	400
Drive [kW]	18.5	55
Approx. weight net [kg]	1,120	4,550
Approx. weight by sea [kg]	1,430	5,300
Volume of seaworthy packing [m³]	2.1	12

● = Standard, ○ = Option. All data are approximate. Technical alterations reserved.

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