



Linajet

The crate washer with adaptive jetting unit system



The first impression is what counts



What's important at the point of sale: Dirty plastic crates significantly reduce the success of sale. With the Krones Linajet crate washer, you can put your products into the true light right from the start. The robust Washaholic cleans beverage crates thoroughly and gently. The Linajet scores with a modular design and improved washing performance even with different crate sizes.

At a glance

- Available in 5 sizes:
375-E, 500-E, 625-E, 750-E and 875-E
- Output range: Up to 4,500* packs/h for single-lane operation
- Gentle on resources through the interface with the bottle washer
- Heating optionally available

* Based on the dimensions 400 x 300 mm, long-side leading



All innovations at a glance



Control cabinet mounted on the machine and cable-connected.
Optional: Control cabinet and platform on the pump side for better access at both sides

Optional: Fume extraction system at the infeed and discharge to reduce emitted vapours

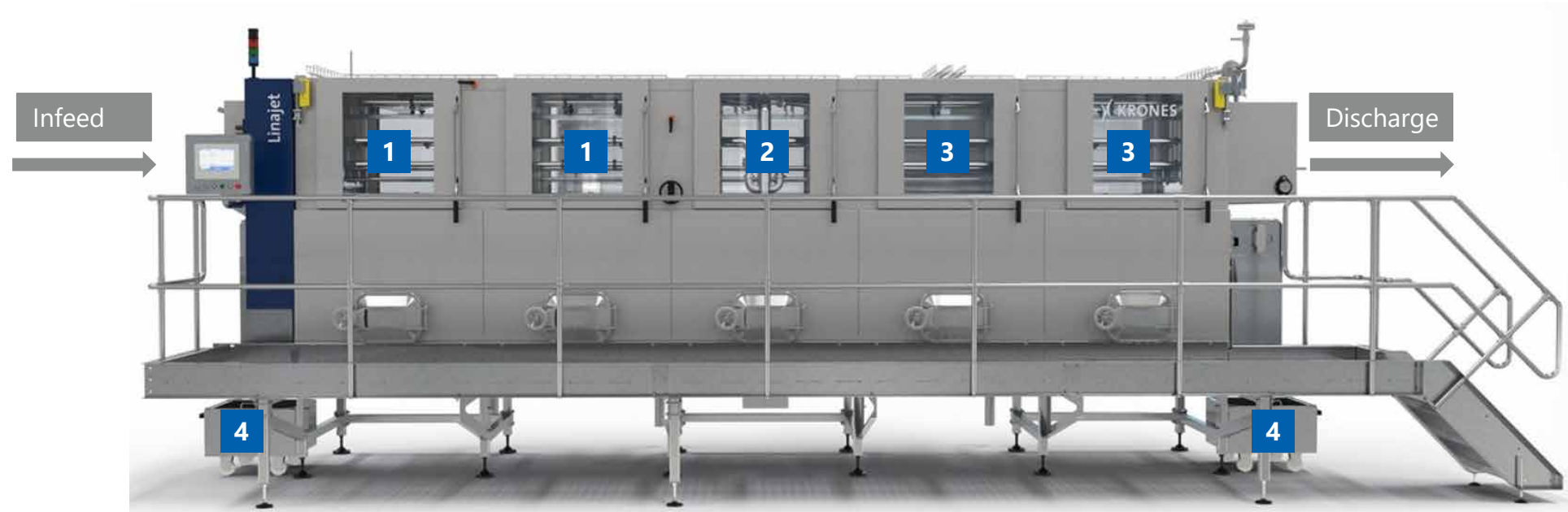
Adaptive high-pressure injection system*:
Consistent jetting distance for different crate widths

All labelling stations (heating, valves, measuring technology and pumps) accessible from a central position

Increased bath volume for a lower polluting load percentage; optionally available with an integrated sand separation function

* Not for model 375-E

Treatment zones



1. Pre-treatment zone

Jetting at 2 - 3 bar

2. Main treatment zone

High-pressure jetting* at 5 – 6 bar

* Optional

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3. Post-treatment zone

Jetting at 2 - 3 bar

4. Debris removal unit

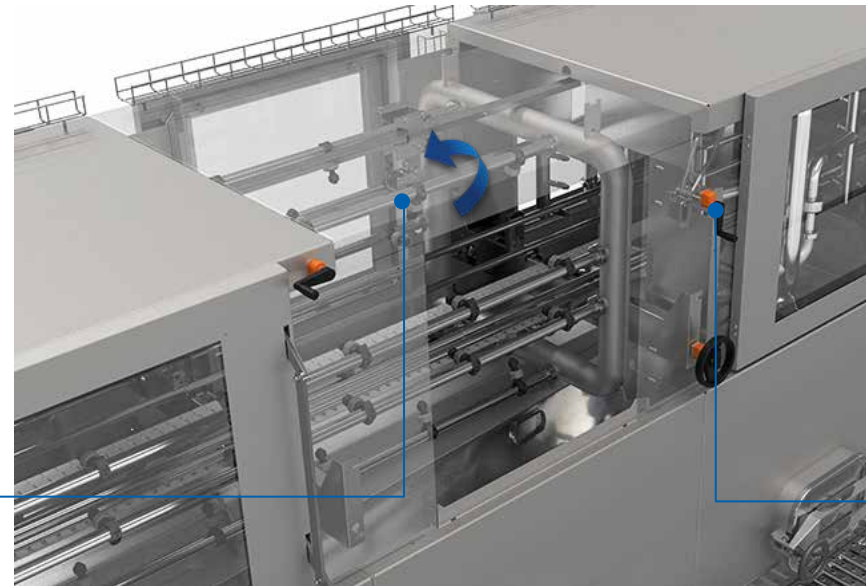
Automatic debris removal via rotating sieving conveyors

Jetting pipes



Nozzles with exchangeable neck finishes (memory nozzles)

- Effective cleaning through pressure and volume flow rate
- Easy-to-clean jetting pipe systems through the use of nozzle attachments



Quick-release fastening jetting pipes for easy installation and dismantling

Adaptive high-pressure injection system

Adaptive jetting pipes in the high-pressure area: Consistent jetting pattern, even with different crate dimensions



Change-over and maintenance



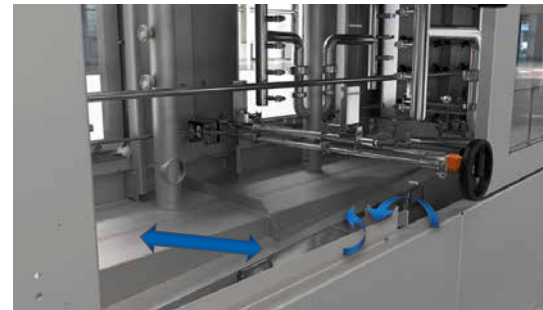
- High flexibility through the infinitely variable adjustment system suitable for crate sizes of up to 400 x 520 x 600 mm (H x B x L)
- Access to the inside of the machine through windows on both sides
- Removal of the return chute without any tools for access to the bath
- The tanks are cleaned from above through the windows



Large windows for quick access



The tanks are accessible both from above and from the side.



The high-pressure jetting system is suitable for infinitely variable width adjustment.



Both the height and the width of the guide can be easily adjusted from the outside.

Digitalization



Connected HMI – state-of-the art operator interface

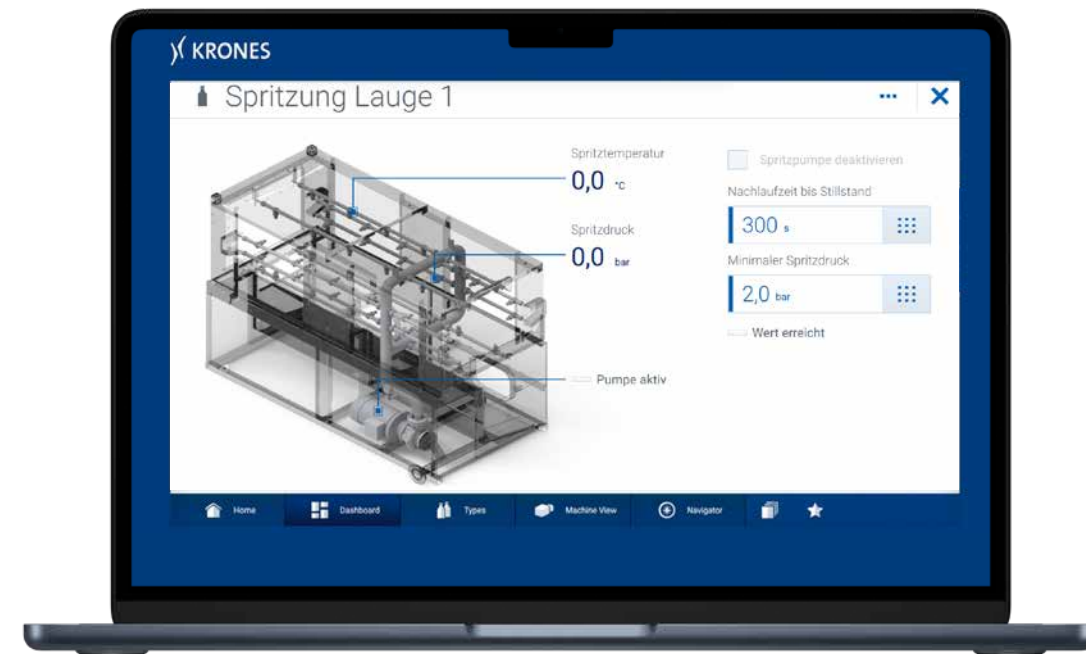
- Direct access to more information and data
- Individual design of the interface through widgets
- Multi touch-screen and click-and-response feature

TIA – future-oriented machine controller

- Use of control components with a long service life
- Easy and fast implementation of new software packages

Interfaces for digitalization products

- Share2Act
- Connected Line



The new Connected HMI touch-screen

Standard crate washer and premium crate washer in comparison



Feature	Standard: Linajet	Premium: Linajet Plus
Treatment time*	18 seconds (KGW 750-E)	48 seconds (TBW 810)
Pre-treatment	None	Flushing and immersion
Jetting pressure	5 bar	5 bar, optional 25 – 30 bar
Mechanical treatment	None	Brushes
Chemical treatment	Optional dosing	Dosing in the immersion bath
Width adjustment system	With crank	For gripper and lateral crate guide: with a crank or optionally with a drive

* With 3,600 crates/hour, crate size of 400 x 300 mm

Benefits to you



Always optimal cleaning results

You process different crate sizes and would still like to have an optimum cleaning result? Then the width-adaptive high-pressure injection system is exactly what you need. The optional equipment ensures that the spraying distance can be adjusted to suit the respective crate width – thus guaranteeing a consistently positive spraying pattern.

- 60 percent more cleaning intensity

Modern operating concept

In the Linajet the new Connected HMI is integrated – and offers a new touch-screen. This means that all of the operating data is available at a glance.

Ease of access

If the operator occasionally has to work on the machine personally, this can be done quickly and straightforwardly: Windows attached to both sides offer easy access to the interior, manholes are integrated in the tank area and access from above is possible thanks to movable guide plates. The crates can also be easily removed.

- 50 percent less cleaning effort

Percentages: Potential for improvement compared to the predecessor model

Easy change-over

To make the change-over to other crate widths as quick and easy as possible, the spindle drive needed for this in the Linajet is located at a central position in the machine exterior area (optional equipment).

- 90 percent less change-over work (without spindle drive: 30 percent)
- Up to 70 percent less troubleshooting effort (without spindle drive: 35 percent)

Extension of the treatment duration

Thanks to different optional equipment modules, the treatment time can be extended on request in order to improve the cleaning result even more.

- 18 percent longer treatment

Requesting a new machine

You can easily send a request for a non-binding quotation in our Krones.shop.



Everything from a single source



Training sessions at the Krones Academy – trained personnel for an increased efficiency of your line

The multifaceted offer by the Krones Academy ranges from operation, servicing and maintenance courses through to management training. We will gladly also create your individual training programme.

Krones Lifecycle Service – Partner for Performance

It goes without saying that also after the purchase of new machines, Krones takes care of your lines: The Krones LCS experts are always there to help you reaching your goals and turn your wishes into optimal LCS solutions.

KIC Krones cleaning agents make your machine shine

Only if the production environment is immaculate, can your product be brilliant. KIC Krones provides you with the optimum cleaning agents and disinfectants for each individual production step.

KIC Krones lubricants for each production step

Whether gearboxes, chains or central lubrication: Our fats and oils are true all-rounders. They can reach every lubrication point, protect your line and ensure gentle treatment for your products thanks to their food-grade quality.

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