

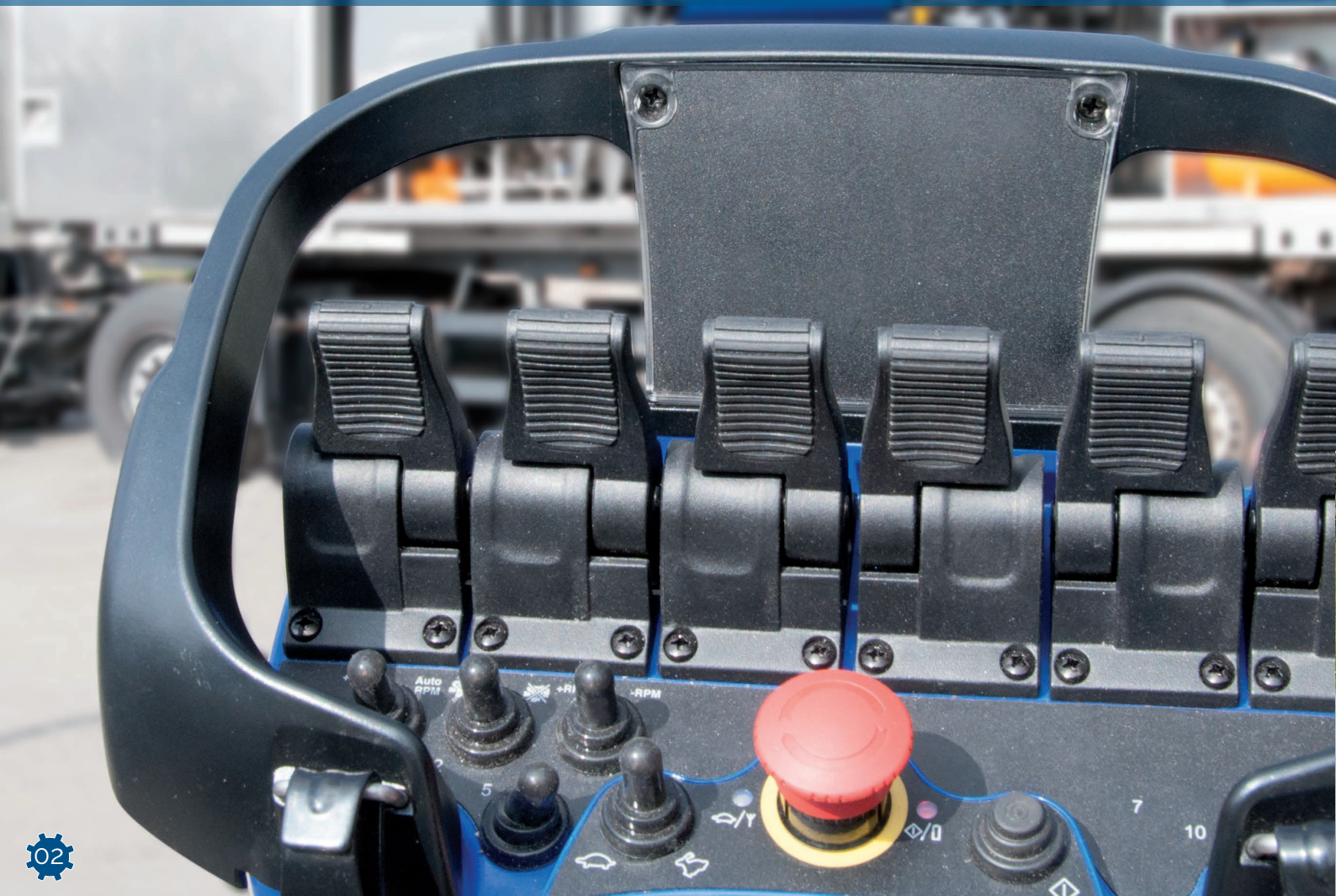
... GETS MORE OUT OF FRUITS



MOBILE JUICE PRODUCTION UNIT
ON SHUTTLE CONTAINER

LET'S PRESS THE BUTTON

OPERATION STARTS WITH THE HANDLING

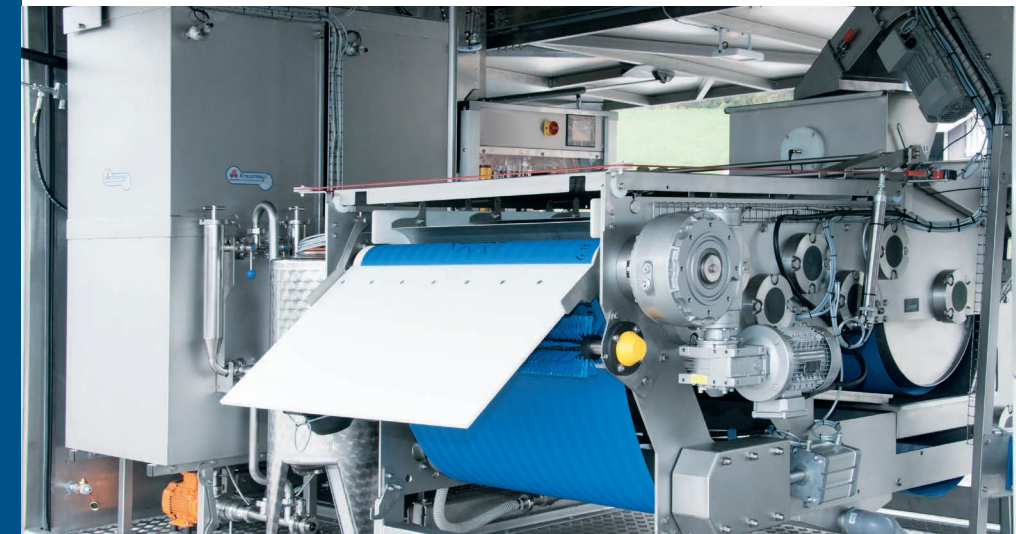


WE'RE READY TO START

Our mobile shuttle container can simply be dropped at the desired location and exchanged for another WAB (Exchange Platform Bridge). Thanks to this flexible assembly, the truck is not blocked and can safely drive away. The independent lowering of the working height and alignment ensures a safe and stable position of the container.

MOBILITY UP TO DETAILS

Economical, flexible and unique – these features speak for our assembly. Ready to use on site, you only require a water- and electrical connection. Entirely made of stainless steel and aluminium and equipped with a high-pressure cleaner and compressor, this assembly is always usable, regardless of weather conditions.



Our crushing machine combine innovative crushing technology and high performance with simple handling. The mash is passed through an adjustable dosing box, spread evenly on the sieve belt, and finally removed with a scraper.

By folding down the four support legs, the truck can be lowered through venting of the bellows and can then be driven out from underneath the structure.



EMPTYING WITHOUT EFFORT

ALL PROCESSES FROM THE INTAKE OF THE FRUIT UP TO FINISHED JUICE – COMBINED IN ONE MOBILE ASSEMBLY.

EVEN AND PRECISE EMPTYING

With our bin tippers your bins can be emptied into the washer system without any effort – an easy and efficient solution.

EVERY PROCESS IS COMPLETELY HYGIENIC

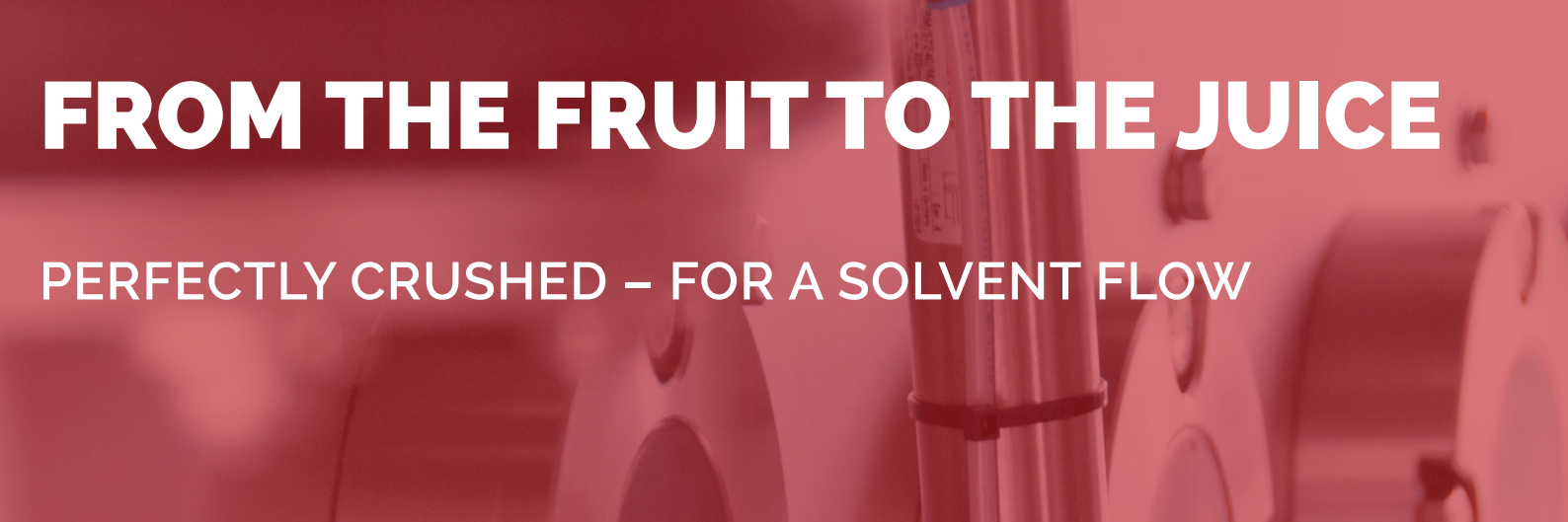
Inside the washing container the fruit undergoes an intensive cleaning. The integrated pump produces a recirculation of water, which achieves a gentle and effective cleaning. Afterwards the cleaned fruit is passed on directly, without any physical effort.



A food safe plastic conveyor belt with continuous speed setting transports the fruits upwards, where it gets cleaned again by water spray jets and is transferred into the directly attached crushing system. A highly efficient crushing system prepares the mash for a quick and simple pressing in a sophisticated process.

The tipper is made completely of stainless steel, and through simple operation by means of a foot pedal the bin is easy to control. Your delivered bins can therefore be dosed and gently emptied into the washer system.





FROM THE FRUIT TO THE JUICE

PERFECTLY CRUSHED – FOR A SOLVENT FLOW

POWERFUL STRAINING

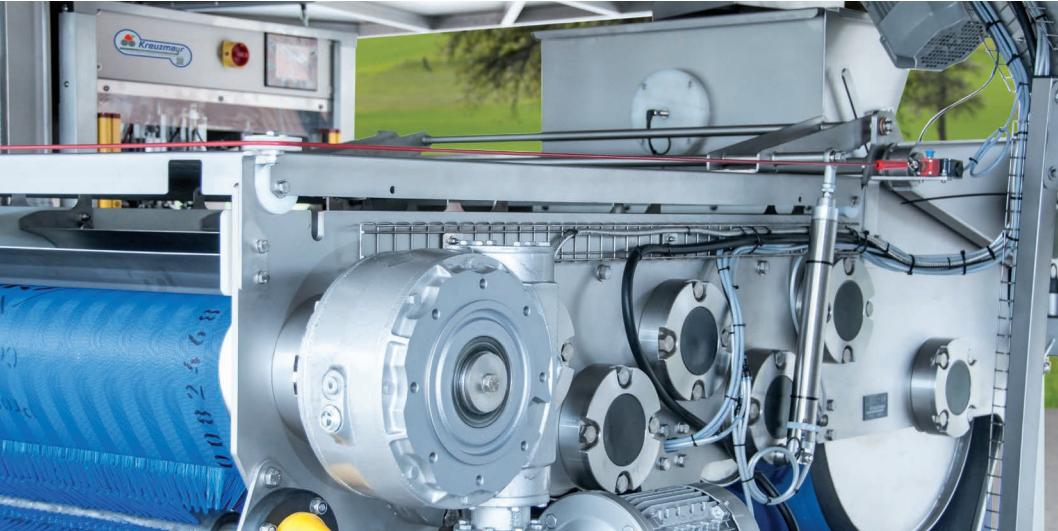
The special cylinder profile and the belt guide ensure rotating pressure- and shearing pressure. This provides a fast and efficient straining of the product, as well as a high juice yield.

DISTINCT SEPARATION

After the fruit is crushed in the crushing machine, the mash is passed towards the dosing box. There it is spread evenly on the sieve belt and finally removed with a scraper.



... GETS MORE OUT OF FRUITS



In order to adapt the machine to the different working conditions (fruit- and vegetable types), the belt speed and the crushing pressure can be changed by the user as needed. The assembly can be made with different hourly performance settings as desired, in order to accomodate individual production requirements.



The buffer tanks are used for storing the strained juice and after the pasteurization as a buffer between the filling station, for a hygienic temporary storage to balance different capacities. This ensures a constantly high product quality and independent crushing and pasteurization process as well as a steady and flexible working process.





CORRECTLY DOSED AND BOTTLED

THE RIGHT AMOUNT MAKES THE DIFFERENCE

CLEAN HANDLING

The juice stored in the stainless steel tank is now transferred to the pasteurizing assembly. Here the product is pasteurized through a short and gentle (vitamin conserving) heating to about 80°C in a heat exchanger. The pasteurizer assembly automatically takes the amounts of juice from the buffer tank. These are then filled into the BAGinBOX pouches while still hot.

READY TO OPERATE REGARDLESS OF WEATHER

The filling station is extractable on heavy duty rails, and is fixed with a support leg. This provides more room for the filling of juices. Thanks to the stainless steel execution and the rain cover, it is ready to use in any weather.



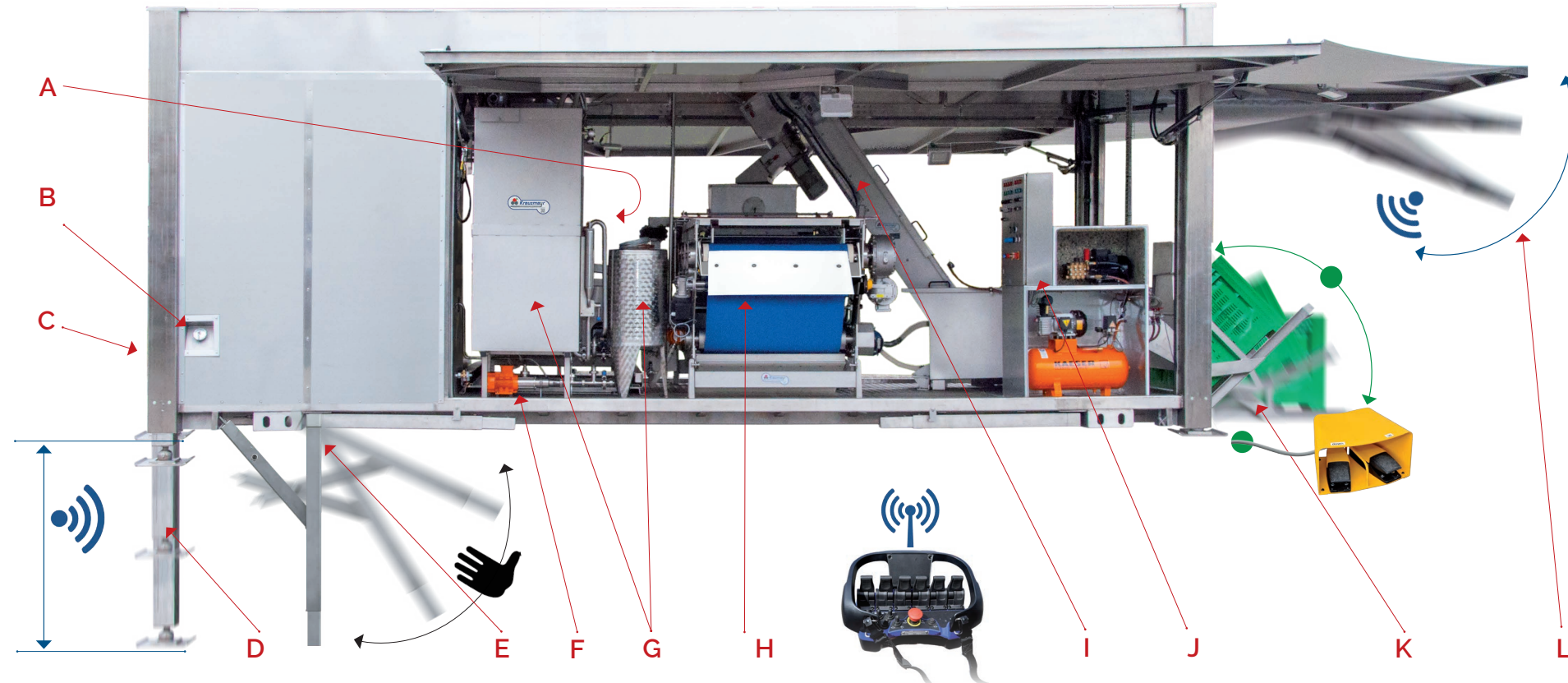
After a bag is placed in the locking device and the tap has been removed, the filling station is swung over the top of the bag and the start button is be pushed. The set amount is pushed into the bag with the filling pump.

After the set amount of juice is reached, a flow meter shuts off the filling valve and closes it. Due to the special construction of the filling valve, you achieve a very high accuracy level and prevent a delay yield.



ALL ADVANTAGES COMBINED

... GETS MORE OUT OF FRUITS



A

The BAGinBOX filling machine is extractable on heavy duty rails and therefore offers more workspace for the bottling of juices. The filling station is fixed with a support leg.

B

By use of the external fuel filler piece, you can easily replenish up to 400 Liters fuel oil to the truck while the container is closed.

C

A central power connection supplies the complete assembly. Every machine is additionally secured and switchable with the Mediabox of the container.

D

The four hydraulic legs enable the raising and lowering of the container. The WAB is always automatically levelled during this process.

E

The height-adjustable legs can easily be expanded. A safety-catch mechanism guarantees highest stability during the loading of the container.

F

The provided juice is transported by a juice pump through the pipe-in-pipe heat exchanger.

G

The juice is temporarily stored in the buffer tanks after the straining. This enables straining and pasteurizing at the same time – independent from one another.

H

After the grinding process, the mash is evenly spread on the sieve belt and finally removed with a scraper.

I

After the fruit has undergone an intensive cleaning, it is transported by a conveyor belt to the attached crushing machine.

J

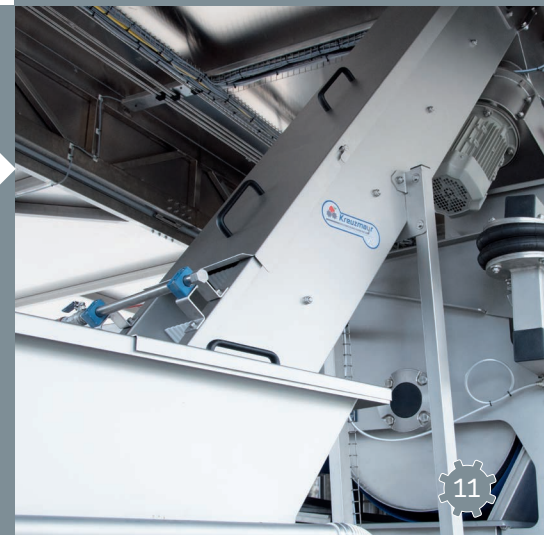
The central Mediabox with a central compressor and high-pressure cleaner supplies the complete assembly, from the bin tipping to the filling of the finished juice.

L

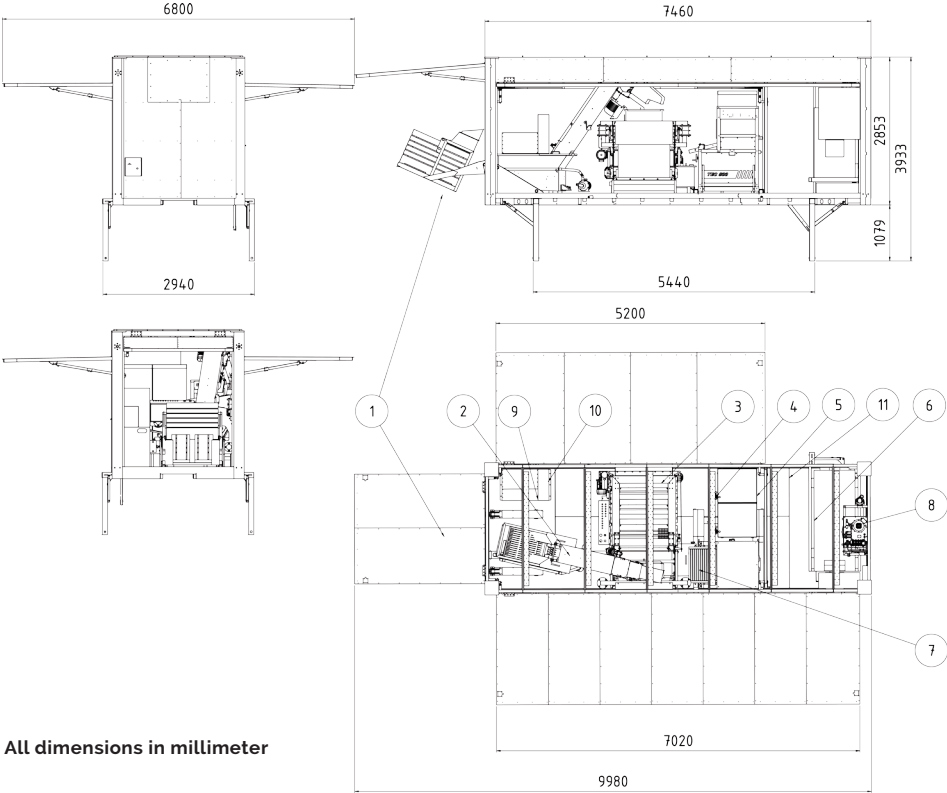
The side panels are opened by remote control. The integrated interconnecting canvas of the side panels offers an all-round rain protection.

K

With the bin tipper the delivered bins can be emptied by use of the foot pedal, dosed and emptied into the washer system without any effort.



MOBILE JUICERS ON SHUTTLE CONTAINER



All dimensions in millimeter

ALL UNITS OF THIS ASSEMBLY

Position	Product definition	Model	Energy	Capacity	Power supply
1	Bin tipper	GKE 1200	electric	60 m³/h	2,20 kW
2	Washing & crushing machine	KWEM 2000	electric	3.000 kg/h	4,00 kW
3	Belt press	KEB 1000 ECO	electric	3.000 kg/h	2,00 kW
4	Corner pipe strainer combination	DN 50	-	-	-
5	Storage tank	2 x 800 Ltr	-	2 x 800 ltr	-
6	Pasteuriser	PAS 2000	heating oil	2.000 ltr/h	2,70 kW
7	BAGinBox filling machine	TEC 500	electric	500 x 5 ltr/h	2,00 kW

MEDIA

8	Hydraulic-unit for container and roof lifting mechanism
9	Pressure washer for efficient cleaning
10	Compressor unit
11	Heating oil tank - fillable even when the container is completely closed

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OTHER INTERESTING PRODUCTS FOR PERFECT FRUIT PROCESSING



DESTONING MACHINES

Separates the stones (pits) from the fruit



SINGLE BELT PRESSES

Innovative crushing technology and high performance



BAGinBOX FILLING MACHINE

Quick and convenient BAGinBOX filling



BOTTLE FILLING MACHINE

Manuall or automatic filling of bottles



MOBIL JUICE TRAILER

Fruit processing for everyone at on site

Kreuzmayr Maschinenbau GmbH



A-4702 Wallern / Trattnach
Schallerbacher Straße 77

Phone: +43(0)7249/48817-0
Fax: +43(0)7249/48817-10
office@kreuzmayr.com
www.kreuzmayr.com