

Further machines for fruit-processing

DE-STONING MACHINE
KEP 650



for pitting and straining of fruits and vegetables

WASHING-PULPING MACHINE
KWM 30



Washing / pulping mill with interchangeable milling screens

JUICE PASTEURIZER
PA 500 R



Available as an Oil or Gas fired package unit with a tubular heat exchanger

Kreuzmayr
MASCHINENBAU GMBH

www.kreuzmayr.com

SINGLE-BELT PRESS
KEB 1000/1250

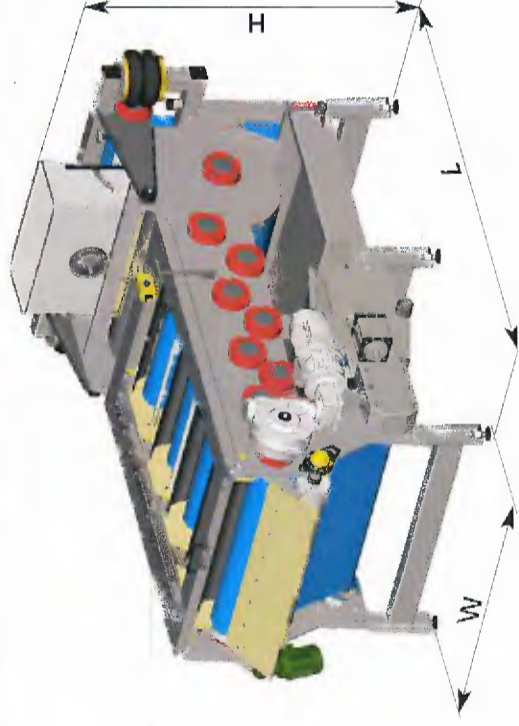
Standard design

- Ready to operate complete system
- Includes high pressure cleaner and air compressor
- Solid construction
- Minimum space required
- Fully automated operation
- Easy installation
- No additional reinforced floor treatment required
- Manufactured stainless steel and food safe plastics
- Heavy duty stainless steel bearings
- High quality industrial designed of pneumatic and electrical components
- Variable speed regulator
- Fast processing
- Can be combined with existing equipment
- CE certified

Technical data	KEB 1000	KEB 1250
Nominal capacity [kg produce/h]	up to 3000	up to 4000
Electric supply [V / Amp. / kW]	400 / 16 / 0,8	400 / 16 / 0,8
Required air press [bar]	min 8	min 8
Space requirements [LxWxH mm]	2750 x 1890 x 1690	2750 x 2140 x 1690
Weight [kg]	2300	2800
Yield [in %]	up to 75	up to 75
Working width [mm]	900	1150
Fill level feed tank [mm]	1690	1690
Mash output-height [mm]	900	900
Water consumption [liter/operating minute]	3	6
Belt speed	infinitely variable	infinitely variable

Because of our policy continually improving Kreuzmayr products, technical data and specifications contained herewith are not to be regarded as binding, but as a generally correct representation of our products.

Layout plan



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Automatic continuous press for the extraction of juice from produce



SINGLE-BELT PRESS
KEB 1000/1250



Simply juice

Kreuzmayr
MASCHINENBAU GMBH





SINGLE-BELT PRESS

KEB 1000/1250

To produce fresh juices quickly and efficiently

Area of application

The automatic SINGLE-BELT PRESS KEB 1000/1250 is designed for the extraction of juice from produce. Ideally produce like apples, pears, quinces, carrots etc. will be washed in a Kreuzmayr Washing-Pulping Mill machine KWM 30 or KWM 55 transporting it up to the centrifugal crusher. The fruit pulp (mash) is transported onto the moving press-belt. An automatic control prevents the pulp in-feed hopper from over filling. Stone fruit like cherries, plums, apricots or peaches need to have their stones removed with a De-stoning machine (KEP 650 or KEP 1000) in order to produce a fragment free pulp ready for belt pressing.

Function

The pulped mash is conveyed via the Washing-Pulping Mill or using a Mash Pump into the press in-feed hopper. The pulp is dispersed across the main pressing roller and between the belt to start the initial juice extraction. This pulp will be progressively squeezed to the maximum over a series of four additional rollers and mash deflector blades to achieve an optimum juice yield of up to 75%. At the exit of the press, the pomace (mash) will be automatically scrapped from the belt which is then continually brushed clean of surface pulp by the brush roller (optional). A high pressure water jet cleaning device continually removes any remaining pulp particles from the press-belt, so that the belt is cleaned and ready to continue its pressing cycle.

Advantages

- Simple to operate
- Easy cleaning
- Low maintenance
- Low water consumption
- Machine delivered ready to start
- Machine construction is stainless steel and food safe plastics
- Sealed roller bearings in s/s housings
- Adjustment control for mash thickness onto the belt
- Variable belt speed controller
- Variable belt pressure adjustment to suit different fruits
- Automatic belt alignment regulator
- High pressure water jet continuous cleaning with fresh water to minimize press belt contamination
- Brush roller for cleaning the belt (optional)
- Operator control panel can be either left or right side (optional)

Simple handling

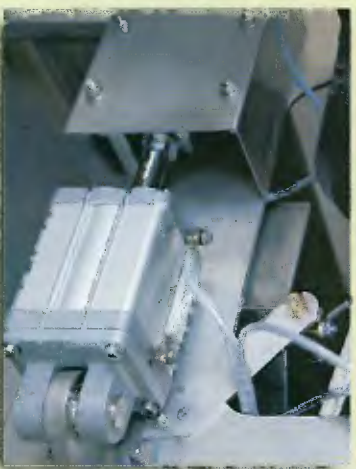
The SINGLE-BELT PRESS KEB 1000/1250 is delivered "ready to operate". After installing, leveling and connecting to the power supply and pressurized air supply, the plant is ready to start pressing. In order to adapt the SINGLE-BELT PRESS to the different working conditions (different fruits and vegetables) the belt speed and pressure can be easily modified by the operator to suit the product condition. The machine is simple to clean. The mash deflectors can be easily removed (no tools are needed).



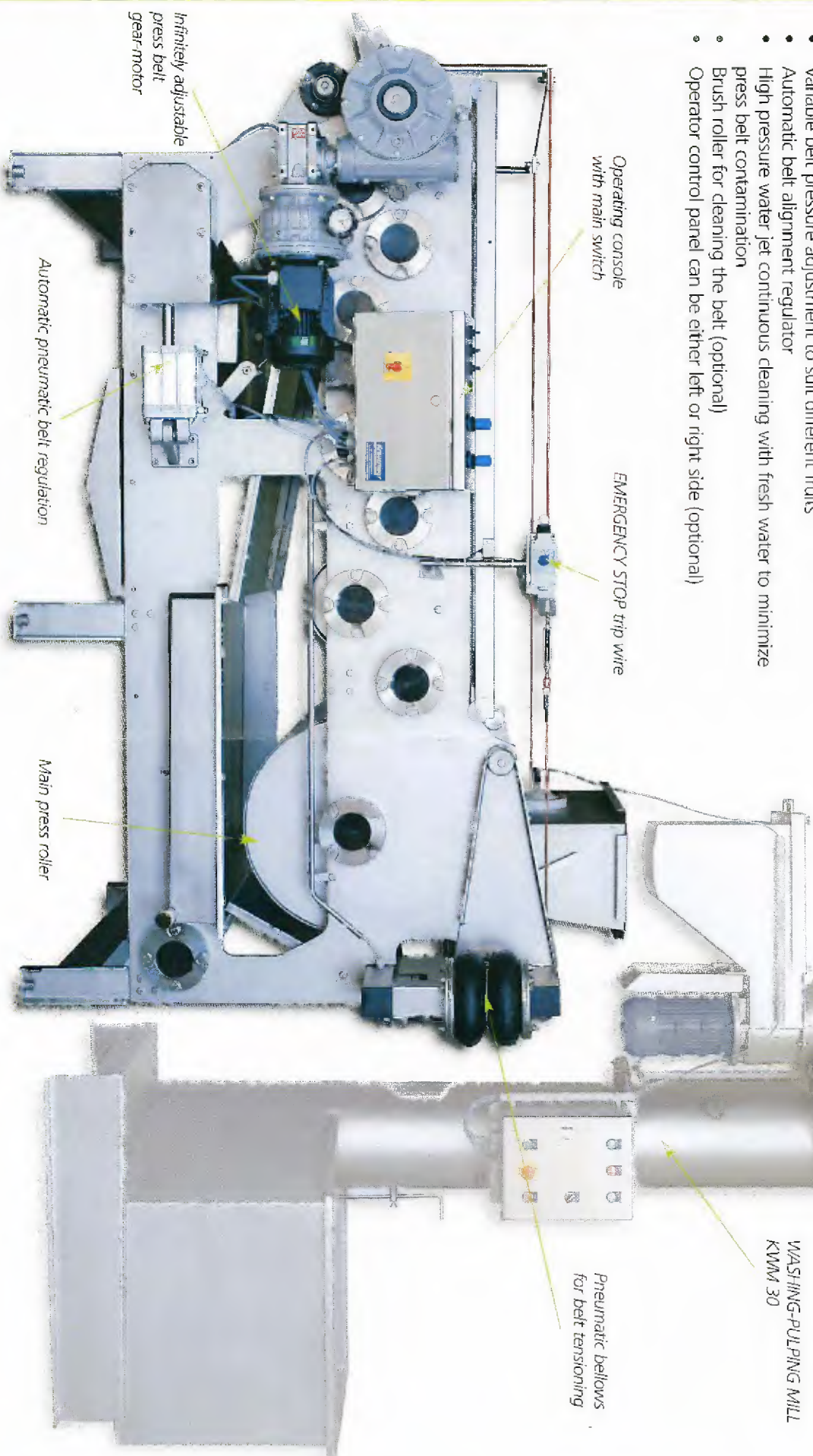
Armply dimensioned feed hopper with fill level control system



Easy removable mash-deflectors



Pneumatic belt regulation



Operating console with main switch

EMERGENCY STOP trip wire

Infinately adjustable press belt gear-motor

Automatic pneumatic belt regulation

Main press roller

WASHING-PULPING MILL KWM 30

Pneumatic bellows for belt tensioning



Operating console with clearly arranged control switches



High-pressure cleaning unit for screen-belt



Driven brush roller for belt treatment (optional)

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