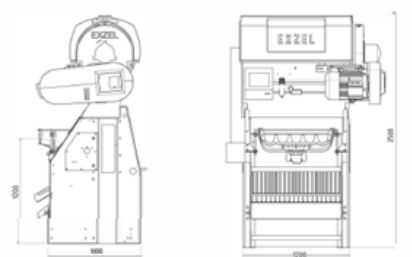


EXZELplus Citrus Juice Extractor



Instantaneous
separation
with 6 extraction
heads

- Plus 20% capacity
- Oil recovery in just one stroke
- Separation of the juice from fruit peels and bitter substances
- Maximum juice yield
- Adaptable components
- Optional cleaning system



Extraction Process

In one single operation, EXZELplus citrus juice extractors produce both juice and essential oil completely separately, obtaining the purest juice flavour and protecting the quality of both products. Our extraction principle maximises the juice yield while maintaining the best juice quality. Now with 6 extraction heads, 20% higher capacity in the same footprint.

The interlocking upper and lower cups capture the fruit and press it against the upper and lower cutters, which make precise circular cuts on both sides. This prevents the intrusion of essential oils during squeezing.

The movement of the upper cup forces the content of the inner part of the fruit through the lower cutter and into the strainer tube.

Simultaneously, the peel is expelled through the upper cup and the oil is washed away by a spray system and transports as an emulsion for subsequent recovery. The orifice tube moves up inside the strainer tube and the juice reaches the juice box after being pulp-filtered. The remaining seeds, membranes and fibres are expelled through the inside of the orifice tube.

Structure and operation

6 extraction heads, for a 20% higher capacity maintaining the footprint. Interchangeable cups adapted to the size of the fruit to be processed. Mirror-finished strainer tubes with different orifice sizes for the required pulp filtration. Monitored active lubrication system. Optional CIP spray cleaning system.

Technical Data

Cycles per minute	100
Fruit sizes	2-3/8", 3", 4" Y 4-1/4"
Production capacity	1'800- 3'000 l/h juice (approx.)
Juice tank connections	Link NW 50 x 2
Essential oil recovery system connection	Thread G3/2"
Essential oil recovery system flow	1'200/2'200 l/h
CIP connection	Thread G1"
Pneumatic Connection	Fast fitting Ø10
Power	11.5 Kw
Weight	1'700 kg

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Technical changes reserved

Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for brewing solutions, for filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

Products

Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, cold block equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

Services

Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService

Part of Bucher Unipektin