

# SINGLE BELT PRESS

EB 804 / EB 1004 / EB 1004 EL / EB 1204 / EB 1204 EL

VALENTIN **VS**  
**STOSSIER**  
SEIT 1918

TYPE	MAXIMUM HOURLY OUTPUT <sup>1)</sup>	BELT WIDTH	ELECTRICAL CONNECTION DATA	PNEUMATIC CONNECTION DATA <sup>2)</sup>	WATER REQUIREMENT AT 100 BAR	DIMENSIONS L x W x H	WEIGHT
	kg / h	mm	V / A / kW	bar	l / min	mm	kg
EB 804	1850	800	400 / 16 / 1.1	max. 6	12	2700 x 1470 x 1680	1270
EB 1004	2500	1000	400 / 16 / 1.1	max. 6	12	2700 x 1670 x 1680	1340
EB 1004 EL	2500	1000	400 / 16 / 1.1	max. 6	12	3390 x 1670 x 1630	1545
EB 1204	3000	1200	400 / 16 / 1.5	max. 6	12	2700 x 1840 x 1680	1560
EB 1204 EL	3000	1200	400 / 16 / 1.5	max. 6	12	3390 x 1840 x 1630	1835

<sup>1)</sup> Processing output specifications based on fresh pressed fruit. <sup>2)</sup> Oil-free compressed air. We reserve the right to make technical changes.



Stossier. A brand of Milteco.

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## Benefits

- Easy to operate and to clean
- Automatic, continuous operation
- Turnkey machine
- Open and clear construction
- Good accessibility for cleaning and maintenance
- Very low maintenance effort required
- Adjustable feet (moveable version also available)
- Made of stainless steel and plastic that is approved to come into contact with food
- High quality pneumatic and electrical components
- Infinitely variable belt speed and pressing power
- Pneumatic belt tensioning and belt control
- High pressure filter belt cleaning with fresh water (connection for HD cleaner)
- Brush cleaner (can be installed optionally)
- High process and general reliability in the short pressing season
- CE certified

### General

Stossier single belt presses are automatic fruit presses that work continuously to manufacture high quality fruit and vegetable juices. The fruit to be processed is ground to a pulp using a fruit mill and spread on the filter belt. A fill level monitor that controls the feed ensures that the press is coated in the best way possible. The largest amount of juice is already released gently on the first and largest press roller. The subsequent press rollers juice the pulp further and increase the yield to up to 75% (fresh fruit for pressing). The juiced marcs are stripped after the last press roller. The fruit residues are

removed from the return belt using an oscillating high pressure cleaning unit, in order to ensure maximum throughput for the next pressing run. An optional brush cleaner can be installed.

### Operation

Stossier presses can be operated effortlessly by one person. The machine is delivered ready for use and can be started up as soon as it has been provided with power and water. The pressing parameters can be adjusted infinitely to the fruit to be pressed. Cleaning is very easy thanks to the good accessibility and the juice tanks that are easy to remove.

### Technical description

The benefit of a single belt press in comparison to a double belt press is the lower proportion of cloudy substances in the juice. The reason for this is that the press roller presses the pulp flat and that there is no shearing effect from the second filter belt.

Bevel helical gear units are installed in Stossier press drives, which are significantly more effective than worm gear units and are therefore significantly more energy efficient and durable.

Our power specifications are empirical values from long-standing customers.