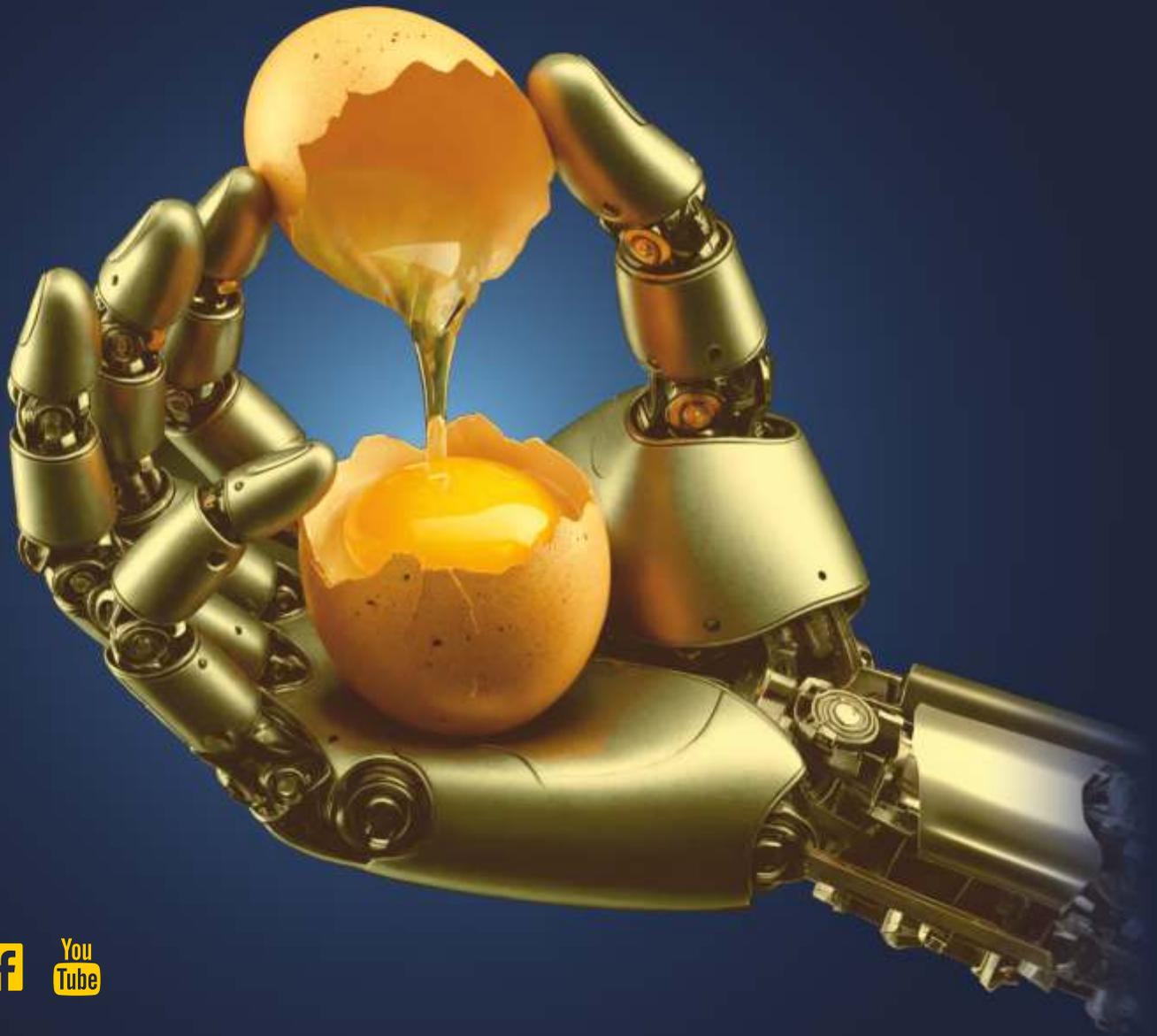


OVO TECH

MANUFACTURER OF
EGG PROCESSING MACHINES



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EGG PROCESSING MACHINES
Catalog 2025

WWW.EGG-BREAKERS.COM

We are a **European manufacturer** of specialized egg processing machines

We are a manufacturer of specialized machines designed for companies from the food industry, such as: confectioneries, bakeries, pasta making companies. Among our clients there are also egg suppliers, as well as liquid egg suppliers.

Our product portfolio consists of:



OVO-TECH is widely known as the world's leader in the production of industrial egg processing equipment. Since being founded back in 2003 by Piotr Drapejkowski up to this moment, it has evolved into a company supplying its products to all continents. Year by year, we are expanding our product portfolio, developing our authorship products and production technology.

OVO-TECH in the world

+ 22

Over twenty years
on the market

+ 4800

Four thousand
machines sold

+ 130

We delivered our machines
to over a hundred and
twenty countries



OVO-TECH USA



OVO-TECH HQ

**We provide
worldwide
delivery**



Air



Land

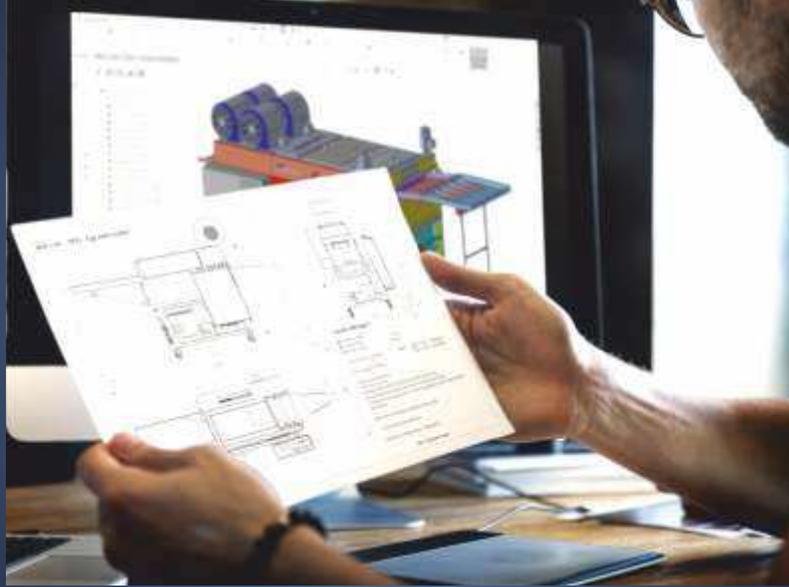


Sea



D2D*

* US and EU only



We have a construction department

WE DESIGN

All of our machines are designed by a professional engineering team which knows and understands customers' needs.

We are a manufacturer

WE MANUFACTURE

As a manufacturer we put our best effort into assembling the machines in accordance to the highest standards by a qualified technical cadre.



We provide delivery logistics

WE DELIVER

We deliver machines to all continents. Our sales department provides logistics support with the machines delivery.

We provide a service materials knowledge base

WE SUPPORT

Remote support and on site service in clients' headquarters. We provide warranty and post-warranty support in the entire world.





**EGG
BREAKERS**

yolks
from
whites
separation



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RX-0 egg breaker

Description



Capacity: 3000 eggs/hour



Replaces: 5 people



Dimensions [mm/in]:

L: 1400 / 56 W: 664 / 27 H: 1293 / 51



Minimal workspace [mm/in]: 2400 x 1670 / 95 x 66



Power supply: 0.4 kW 230 V 1/N/PE 50/60 Hz
0.75 kW 110V 1/N/PE 50/60 Hz



Operated by: 1 person



Weight [kg/lbs]: 85 / 188



Compressed air: n/a



Water supply: water from client's installation



Drain: required



Compatibility: VEL-30

The **RX-0 egg breaker** uses a gravitational, self-pacing feeder with a system of specially designed rollers to transport the eggs into its breaking section. The machine's high performance is achieved thanks to the use of the best-in-class, innovative breaking mechanisms. The machine breaks the eggshells with the use of **specially designed knives, which imitate the work of human hands**. This most hygienic egg breaking method is an innovation by OVO-TECH. Next, the eggs go through a quality control tray. Afterwards, they slide down a separator ramp where yolks are separated from whites. After work completion, the machine can be cleaned with a built-in CIP system. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.



MINIMAL WORKSPACE



RX-1 egg breaker

Description



Capacity: 3000-6500 eggs/hour



Replaces: 14 people



Dimensions [mm/in]:

L: 1950 / 77 W: 1163 / 46 H: 1480 / 58



Minimal workspace [mm/in]: 2950 x 2165 / 116 x 85



Power supply: 1 kW 230 V 1/N/PE 50/60 Hz
1 kW 110 V 1/N/PE 50/60HZ



Operated by: 1-2 persons



Weight [kg/lbs]: 280 / 617



Compressed air: n/a



Water supply: water from client's installation



Drain: required



Compatibility: MX-1, UX-1, PS-1 mix only, UZS, VEL-30

The **RX-1 egg breaker** uses a gravitational, self-pacing feeder with a system of specially designed rollers to transport the eggs into its breaking section. The machine's high performance is achieved thanks to the use of the best-in-class, innovative breaking mechanisms. The machine breaks the eggshells with the **use of specially designed knives, which imitate the work of human hands**. This most hygienic egg breaking method is an innovation by OVO-TECH. Next, the eggs go through a quality control tray. Afterwards, they slide down a separator ramp where yolks are separated from whites. The volume of the eggshells remaining after breaking can be reduced by our UZS universal eggshell crusher by 95%. After work completion, the machine can be cleaned with a built-in **CIP system**. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.



MINIMAL WORKSPACE



damaged eggs separator

damaged eggs

whites

yolks

eggshells



RX-2 egg breaker

Description



Capacity: 13000 eggs/hour



Dimensions [mm/in]:

L: 4672 / 184 **W:** 1090 / 43 **H:** 1795 / 71



Minimal workspace [mm/in]: 5600 x 2090 / 221 x 83



Power supply: 1,5 kW 400 V 3/N/PE 50/60 Hz
1,5 kW 230 V 3/N/PE 50/60 Hz



Replaces: 28 people



Operated by: 2-3 persons



Weight [kg/lbs]: 415 / 915



Compressed air: n/a



Water supply: water from client's installation



Drain: required



Compatibility: 2xVEL-30, MX-2, UX-2, 2xPS-1

The **RX-2 egg breaker** uses a gravitational, self-pacing feeder with a system of specially designed rollers to transport the eggs into its breaking section. The machine's high performance is achieved thanks to the use of the best-in-class, innovative breaking mechanisms. The machine breaks the eggshells with the use of **specially designed knives, which imitate the work of human hands**. This most hygienic egg breaking method is an innovation by OVO-TECH. Next, the eggs go through a quality control tray. Afterwards, they slide down a separator ramp where yolks are separated from whites. The volume of the eggshells remaining after breaking is reduced by a built-in eggshell crusher by 95%. After work completion, the machine can be cleaned with a built-in **CIP system**. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg belt feeder

visual quality control

yolks

eggshells

whites



RX-4 egg breaker

Description



Capacity: 26000 eggs/hour



Replaces: 56 people



Dimensions [mm/in]:

L: 4672 / 184 W: 1310 / 51 H: 1795 / 71



Minimal workspace [mm/in]: 5700 x 2300 / 224 x 91



Power supply: 2 kW 400 V 3/N/PE 50/60 Hz
2 kW 230 V 3/N/PE 50/60 Hz



Operated by: 3-4 persons



Weight [kg/lbs]: 475 / 1047



Compressed air: n/a



Water supply: water from client's installation



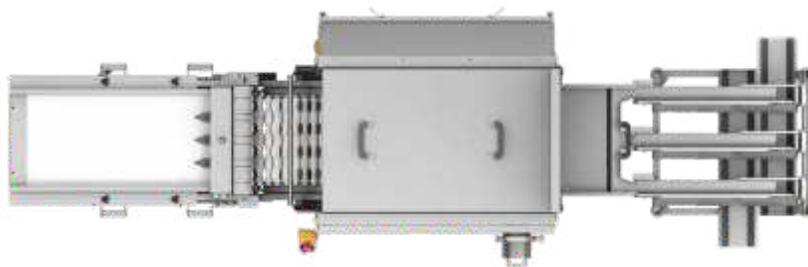
Drain: required



Compatibility: 2xVEL-30, MX-4, UX-4, 2xPS-1

The **RX-4 egg breaker** uses a gravitational, self-pacing feeder with a system of specially designed rollers to transport the eggs into its breaking section. The machine's high performance is achieved thanks to the use of the best-in-class, innovative breaking mechanisms. The machine breaks the eggshells with the use of **specially designed knives, which imitate the work of human hands**. This most hygienic egg breaking method is an innovation by OVO-TECH. Next, the eggs go through a quality control tray. Afterwards, they slide down a separator ramp where yolks are separated from whites. The volume of the eggshells remaining after breaking is reduced by a built-in eggshell crusher by 95%. After work completion, the machine can be cleaned with a built-in **CIP system**. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg belt feeder



visual quality control

yolks

eggshells

whites

RX-6 egg breaker

Description



Capacity: 39000 eggs/hour



Dimensions [mm/in]:

L: 4525 / 178 **W:** 1535 / 60 **H:** 1850 / 73



Minimal workspace [mm/in]: 5500 x 2500 / 217 x 98



Power supply: 2,5 kW 400 V 3/N/PE 50/60 Hz
2,5 kW 230 V 3/N/PE 50/60 Hz



Replaces: 85 people



Operated by: 4-5 persons



Weight [kg/lbs]: 540 / 1190



Compressed air: n/a



Water supply: water from client's installation



Drain: required



Compatibility: 3xVEL-30, MX-6, UX-6, 2xPS-1

The **RX-6 egg breaker** uses a gravitational, self-pacing feeder with a system of specially designed rollers to transport the eggs into its breaking section. The machine's high performance is achieved thanks to the use of the best-in-class, innovative breaking mechanisms. The machine breaks the eggshells with the use of **specially designed knives, which imitate the work of human hands**. This most hygienic egg breaking method is an innovation by OVO-TECH. Next, the eggs go through a quality control tray. Afterwards, they slide down a separator ramp where yolks are separated from whites. The volume of the eggshells remaining after breaking is reduced by a built-in eggshell crusher by 95%. After work completion, the machine can be cleaned with a built-in **CIP system**. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg belt feeder





CENTRIFUGES

**clean
& fresh
egg liquid**



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Eggsomatic 5000 centrifugal egg cracker

Description



Capacity: 5000 eggs/hour



Dimensions [mm/in] :

L: 650 / 26 W: 425 / 17 H: 425 / 17



Minimal workspace [mm/in] : 1000 x 600 / 40 x 24



**Power supply : 0,37 kW 230 V 1/N/PE 50/60 Hz
 0,45 kW 110 V 1/N/PE 50/60 Hz**



Replaces: 8 people



Operated by : 1 person



Weight [kg/lbs] : 35 / 78



Compressed air : n/a



Water supply : n/a



Drain : n/a



Compatibility : n/a

Eggsomatic 5000 is a modern, semi-automatic egg cracker that revolutionizes the way of obtaining fresh liquid eggs. Thanks to the ability to crack eggs in batches of 90 pieces, in one cycle you can obtain about 5 liters of liquid egg, ideal for various culinary applications.

Each time after preparing one batch, just open the device and empty the internal filter with shells, and then start a new cracking cycle. Eggsomatic 5000 finds its place in hotels, bars, restaurants serving breakfast and everywhere where quick extraction of high-quality liquid egg is crucial. The machine is made out of **stainless steel EN 1.4301 (AISI 304)**.

NEW 2025 ! FOR COUNTERTOP USE



MINIMAL WORKSPACE



UDTJ-10 centrifugal egg cracker

Description



Capacity: 10000 eggs/hour



Replaces: 8-16 people



Dimensions [mm/in]:

L: 518 / 20 **W:** 700 / 28 **H:** 880 / 35



Minimal workspace [mm/in]: 1500 x 1500 / 59 x 59



Power supply: 1.1 kW 230 V 1/N/PE 50/60 Hz
1.1 kW 110 V 1/N/PE 50/60 Hz



Operated by: 1 person



Weight [kg/lbs]: 60 / 132



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: PS-1

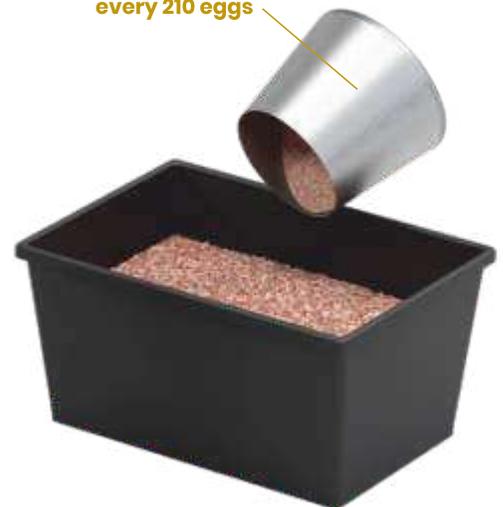
The **UDTJ-10** is a semi-automatic centrifugal egg cracker which produces fresh liquid egg. After filling the hopper with eggs, the machine cracks the eggs and separates the liquid egg from the eggshells using an internal filter. **Shells should be removed from the filter after every 210 eggs**, after which breaking can be continued. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

* - Max capacity: 21 000 eggs/hour



fresh egg liquid

eggshell filter should be emptied every 210 eggs



UDTJ-150 centrifugal egg cracker

Description



Capacity: 20000 eggs/hour*



Replaces: 15-23 people



Dimensions [mm/in]:

L: 604 / 24 W: 684 / 27 H: 910 / 36



Minimal workspace [mm/in]: 1500 x 1500 / 59 x 59



Power supply: 1.1 kW 400 V 3/N/PE 50/60 Hz

1.1 kW 230 V 3/N/PE 50/60 Hz

1.1 kW 110 V 1/N/PE 50/60 Hz



Operated by: 1 person



Weight [kg/lbs]: 80 / 176



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: MX-2/4, UX-2/4, PS-1

The **UDTJ-150** is an automatic centrifugal egg cracker which produces fresh liquid egg. After filling the hopper with eggs, the eggs are cracked and the eggshells are filtered out with the use of **a special rotating filter with a mesh size of 0.8 mm**. Clean egg liquid is then transported to a placed container, and **eggshells are automatically removed** from the machine. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

* - Max capacity: 30 000 eggs/hour



MINIMAL WORKSPACE



UDTJ-500 centrifugal egg cracker

Description



Capacity: 120000 eggs/hour



Replaces: 90 people



Dimensions [mm/in]:

L: 1075 / 42 W: 907 / 36 H: 1040 / 41



Minimal workspace [mm/in]: 2000 x 2000 / 79 x 79



Power supply: 5.5 kW 400 V 3/N/PE 50/60 Hz
5.5 kW 230 V 3/N/PE 50/60 Hz



Operated by: 2 persons



Weight [kg/lbs]: 265 / 584



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: MX-1/2/4/6, UX-1/2/4/6, PS-1

This is a heavy duty, automatic centrifugal egg cracker used for production of fresh liquid egg and drying of eggshells obtained from hand or machine breaking. After filling the hopper, the eggs are cracked and the eggshells are filtered out with the use of a **special rotating filter with a mesh size of 0.8 mm**. Clean egg liquid is then transported into a placed container and the **eggshells are automatically removed from the machine**. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.

* - or 200 000 eggshells/hour



fresh egg liquid

automatic eggshells removal





WASHERS

effective
egg washing
&
disinfection



DISINFECTORS



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MX-1 tunnel egg washer

Description



Capacity 3000–6500 eggs/hour



Replaces: 17 people



Dimensions [mm/in]:

L: 1883 / 75 **W:** 878 / 35 **H:** 1592 / 63



Minimal workspace [mm/in]: 2880 x 1880 / 114 x 75



Power supply: 14 kW 400 V 3/N/PE 50/60 Hz
14 kW 230 V 3/N/PE 50/60 Hz



Operated by: 1 person



Weight [kg/lbs]: 270 / 595



Compressed air: n/a



Water supply: water from client's installation



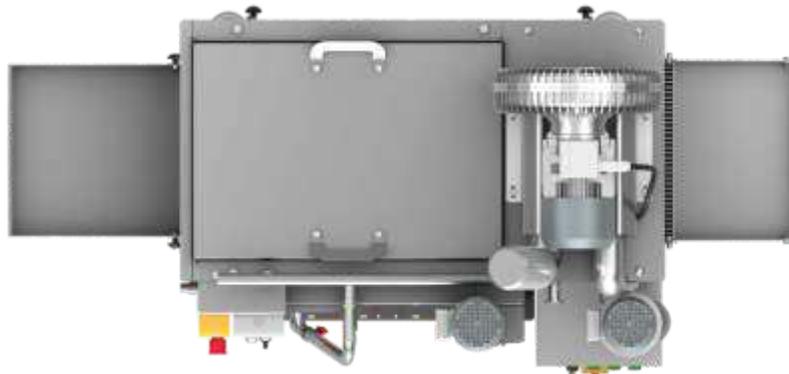
Drain: required



Compatibility: VEL-30, RX-1,
UDTJ-150, UX-1

The **MX-1** washes the eggs in a 3D fashion thanks to the use of specially designed rotating brushes which clean all of the eggs surface. This allows for an exceptional level of cleanliness. First, the eggs are fed into the machine with the use of an integrated gravity feeder tray. There, thanks to the use of specially profiled rollers, the eggs are rotated along their axis, while specially designed brushes wash the eggs at every angle, which results in a **3D washing effect**. After washing, the eggs are transported into a drying section, where they are dried by a stream of warm air. The washer operates in a closed water circuit, which allows for its optimal use and reduces costs. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg feeder

side channel fan
with nozzle system



MX-2 tunnel egg washer

Description



Capacity: 13000 eggs/hour



Replaces: 28 people



Dimensions [mm/in]:

L: 2783 / 110 **W:** 1400 / 56 **H:** 1620 / 64



Minimal workspace [mm/in]: 3800 x 2400 / 150 x 95



Power supply: 35 kW 400 V 3/N/PE 50/60 Hz
35 kW 230 V 3/N/PE 50/60 Hz



Operated by: 1-3 persons



Weight [kg/lbs]: 920 / 2029



Compressed air: n/a



Water supply: water from client's installation



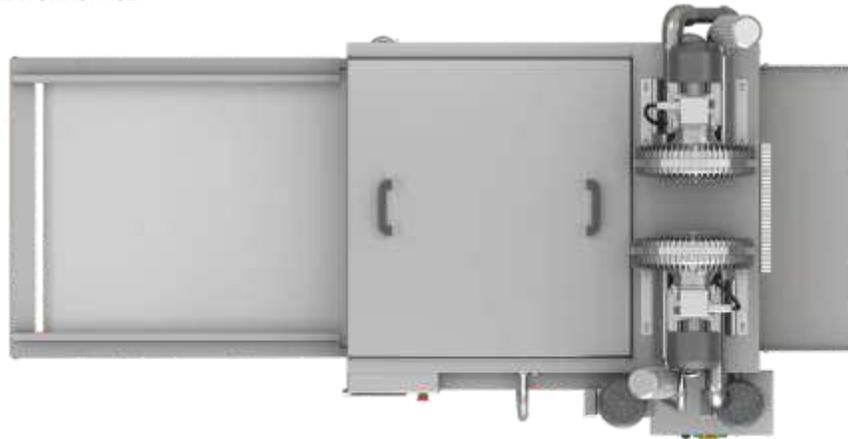
Drain: required



Compatibility: 2xVEL-30, RX-2, UX-2, RX-1, UDTJ-150/500

The **MX-2** washes the eggs in a 3D fashion thanks to the use of specially designed rotating brushes which clean all of the eggs surface. This allows for an exceptional level of cleanliness. First, the eggs are fed into the machine with the use of an integrated gravity feeder tray. There, thanks to the use of specially profiled rollers, the eggs are rotated along their axis, while specially designed brushes wash the eggs at every angle, which results in a **3D washing effect**. After washing, the eggs are transported into a drying section, where they are dried by a stream of warm air. The washer operates in a closed water circuit, which allows for its optimal use and reduces costs. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



side channel fan with nozzle system

egg belt feeder



touch screen control

MX-4 tunnel egg washer

Description



Capacity: 26000 eggs/hour



Replaces: 56 people



Dimensions [mm/in]:

L: 4162 / 212 **W:** 1400 / 56 **H:** 1620 / 64



Minimal workspace [mm/in]: 5200 x 2400 / 205 x 95



Power supply: 42 kW 400 V 3/N/PE 50/60 Hz
42 kW 230 V 3/N/PE 50/60 Hz



Operated by: 1-4 persons



Weight [kg/lbs]: 1120 / 2470



Compressed air: n/a



Water supply: water from client's installation



Drain: required



Compatibility: 2xVEL-30, RX-4, UX-4,
UDTJ-150/500

The **MX-4** washes the eggs in a 3D fashion thanks to the use of specially designed rotating brushes which clean all of the eggs surface. This allows for an exceptional level of cleanliness. First, the eggs are fed into the machine with the use of an integrated gravity feeder tray. There, thanks to the use of specially profiled rollers, the eggs are rotated along their axis, while specially designed brushes wash the eggs at every angle, which results in a **3D washing effect**. After washing, the eggs are transported into a drying section, where they are dried by a stream of warm air. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg belt feeder



side channel fan with nozzle system



touch screen control

MX-6 tunnel egg washer

Description



Capacity: 39000 eggs/hour



Replaces: 85 people



Dimensions [mm/in]:

L: 5396 / 212 W: 1758 / 69 H: 1654 / 65



Minimal workspace [mm/in]: 8000 x 3600 / 315 x 142



Power supply: 40-50 kW 400 V 3/N/PE 50/60 Hz
40-50 kW 230 V 3/N/PE 50/60 Hz



Operated by: 1-5 persons



Weight [kg/lbs]: 1300 / 2866



Compressed air: n/a



Water supply: water from client's installation



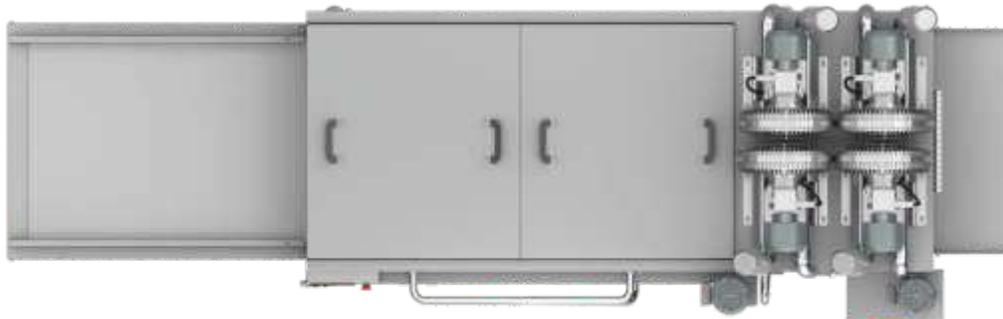
Drain: required



Compatibility: 3xVEL-30, RX-6, UX-6, UDTJ-500

The **MX-6** washes the eggs in a 3D fashion thanks to the use of specially designed rotating brushes which clean all of the eggs surface. This allows for an exceptional level of cleanliness. First, the eggs are fed into the machine with the use of an integrated gravity feeder tray. There, thanks to the use of specially profiled rollers, the eggs are rotated along their axis, while specially designed brushes wash the eggs at every angle, which results in a **3D washing effect**. After washing, the eggs are transported into a drying section, where they are dried by a stream of warm air. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.

MINIMAL WORKSPACE



egg belt feeder



side channel fan with nozzle system



touch screen control

UX-1/2 flood lamp

Description



Capacity: 3000-6500 / 13000 eggs/hour

Dimensions [mm/in]:

L: 3200 / 126 **W:** 1300 / 51 **H:** 1500 / 59

Minimal workspace [mm/in]: 5000 x 2500 / 197 x 98

Power supply: 3 kW 400 V 3/N/PE 50/60 Hz
3 kW 230 V 3/N/PE 50/60 Hz



Operated by: 1-3 / 2-3 persons



Weight [kg/lbs]: 360/793



Compressed air: n/a



Water supply: n/a



Drainage: n/a



Compatibility: 2xVEL-30, MX-1/2, RX-1/2, UDTJ-150/500

The disinfectant emits **UV-C light** with the cumulative power of **760 Watts (UX-1/2)**, which acts on the eggshells and disinfects them by **killing 100% of bacteria, including Salmonella**. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.



UX-1/2

MINIMAL WORKSPACE



UX-4/6 flood lamp

Description

 **Capacity: 26000 / 39000** eggs/hour

Dimensions [mm/in]:

L: 3200 / 126 W: 1500 / 59 H: 1500 / 59

Minimal workspace [mm/in]: 5000 x 3000 / 197 x 118

Power supply: 5 kW 400 V 3/N/PE 50/60 Hz
5 kW 230 V 3/N/PE 50/60 Hz



Operated by: 3-4 persons



Weight [kg/lbs]: 450 / 992



Compressed air: n/a



Water supply: n/a



Drainage: n/a



Compatibility: 3xVEL-30, MX-4/6, RX-4/6, UDTJ-500

The disinfectant emits **UV-C light** with the cumulative power of **1520 Watts (UX-4/6)**, which acts on the eggshells and disinfects them by **killing 100% of bacteria, including Salmonella**. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.

UV-C radiators with total power:

- UX-1/2: 760 W

- UX-4/6: 1520 W



ladder egg feeder

UX-4/6

MINIMAL WORKSPACE





FILTERS

**TRANSPORT
AND
FILTRATION
LIQUID EGGS**



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Capacity: 5000 liters/hour, 1321 gallons/hour



Dimensions [mm/in]:

L: 778 / 31 **W:** 823 / 32 **H:** 1764 / 70



Minimal workspace [mm/in]: 1750 x 1850 / 69 x 73



Power supply: 0.1 kW 230 V 1/N/PE 50/60 Hz
0.1 kW 110 V 1/N/PE 50/60 Hz



Operated by: 1 person



Weight [kg/lbs]: 120 / 265



Compressed air [bar/psi]: 6-8 / 87-116

Minimal flow [(litr/min)/CFM]: 260 / 9.2



Water supply: n/a

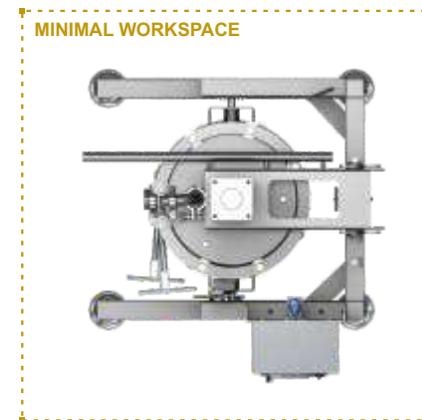
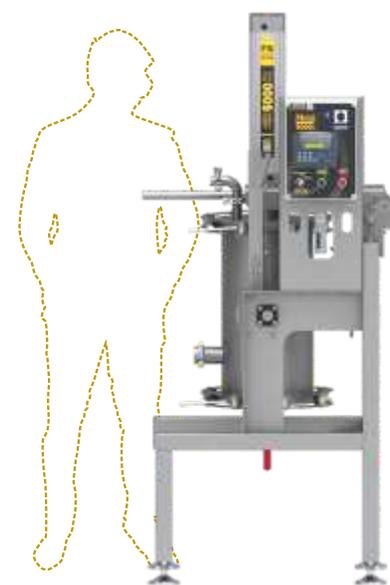


Drain: n/a



Compatibility: PM/PM BOX, PS-1 connected by 3m hose, M-350

Thanks to the use of an innovative wedge wire filter, the **FS filter** allows for obtaining of a perfectly clean egg liquid. The egg liquid is first transported into the filter using a pump. Next, a piston squeezes the liquid egg through slots with a diameter of 0.2 mm. This process allows to remove 99.9% of all contaminants, which results in obtaining the highest possible level of filtration. The machine is made out of stainless steel **EN1.4301 (AISI 304)**.



PS-1 pump system

Description

Capacity: 3000 liters/hour, 793 gallons/hour

Dimensions [mm/in]:

L: 813 / 32 W: 664 / 26 H: 869 / 34

Minimal workspace [mm/in]: 2000 x 1600 / 79 x 63

Power supply: 1 kW 400 V 3/N/PE 50/60 Hz

1 kW 230 V 3/N/PE 50/60 Hz

1 kW 110V 1/N/PE 50/60HZ + VFD

Operated by: 1 person

Weight [kg/lbs]: 66 / 146

Compressed air: n/a

Water supply: n/a

Drain: n/a

Compatibility: UDTJ-10/150/500, FS connected by 3m hose, RX-1/2/4/6, M-350

The PS-1 pumping system buffers egg liquid in its tanks. Once the liquid reaches an acceptable level, the machine starts pumping the egg liquid into the FS wedge wire filter or a storage container. The machine is made out of stainless steel EN1.4301 (AISI 304).



PMR-3 rotary lobe pump

Description

Capacity: 3000 liters/hour, 792 gallons/hour

Dimensions [mm/in]:

L: 1000 / 40 W: 305 / 12 H: 820 / 32

Minimal workspace [mm/in]: 500 x 1500 / 20 x 59

Power supply: 2.2 kW 400V 3/N/PE 50/60 Hz

2.2 kW 230V 3/N/PE 50/60 Hz

62 dB

Operated by: 1 person

Weight [kg/lbs]: 127 / 280

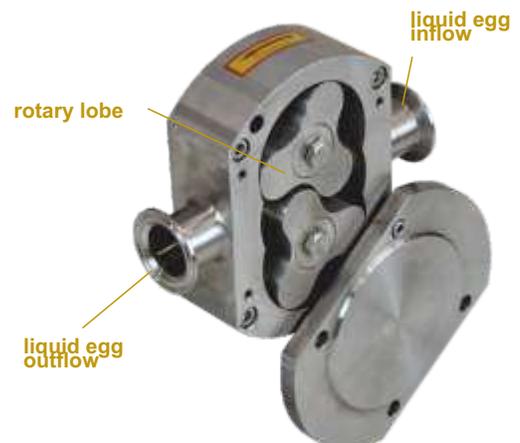
Compressed air: n/a

Water supply: n/a

Drain: n/a

Compatibility: FS, M-350

The PMR pumps are designed to transfer egg liquid from one tank to another. Its small, compact size ease of operation and robust construction have been specifically designed to meet the harsh, industrial conditions in large food processing facilities. All parts of our machines which come in contact with eggs are made out of stainless steel EN 1.4301 (AISI 304).



PM/PM BOX pump system

Description

Capacity: 3500 liters/hour, 925 gallons/hour

The **PM** and **PM BOX** pumps are designed to transfer egg liquid from one tank to another. Its small, compact size, ease of operation and robust construction have been specifically designed to meet harsh, industrial conditions in large food processing facilities. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.



Dimensions [mm/in]:

L: 577 / 23 **W:** 215 / 9 **H:** 326 / 13



Operated by: 1 person



Weight [kg/lbs]: 20 / 44



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: FS, M-350



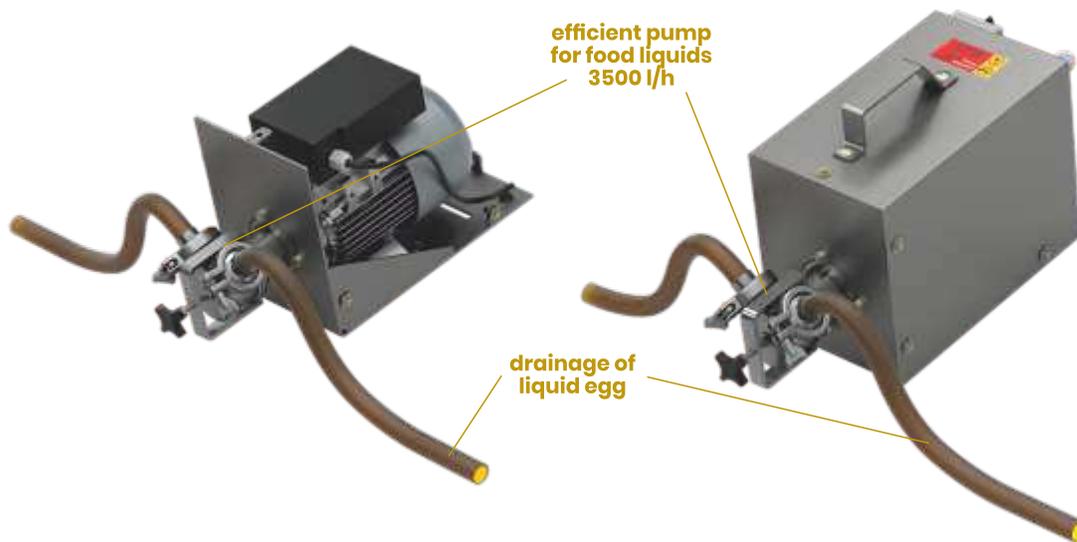
Minimal workspace [mm/in]: 500 x 1000 / 20 x 39



Power supply: 0.75 kW 400V 3/N/PE 50/60 Hz

0.75 kW 230V 3/N/PE 50/60 Hz

1 kW 110V 1/N/PE 50/60HZ + VFD



PM - food liquid pump

PM BOX- food liquid pump

PMC-5/20 pump system

Description

Capacity: 5000/20000 liters/hour, 1320/5280 gallons/hour

The **PMC** pumps are designed to transfer egg liquid from one tank to another. Its small, compact size ease of operation and robust construction have been specifically designed to meet the harsh, industrial conditions in large food processing facilities. All parts of our machines which come in contact with eggs are made out of **stainless steel EN 1.4301 (AISI 304)**.



Dimensions [mm/in]:

L: [640 / 1000] / [26 / 40] **W:** 305 / 12 **H:** 350 / 14



Operated by: 1 person



Weight [kg/lbs]: 35 / 78



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: FS, M-350



Minimal workspace [mm/in]: 500 x 1000 / 20 x 39



Power supply: 1.5 kW 400V 3/N/PE 50/60 Hz

1.5 kW 230V 3/N/PE 50/60 Hz

68 dB





Max capacity: 3000 L/hour, 793 gallons/hour



Dimensions [mm/in]:

L: 950 / 38 **W:** 650 / 26 **H:** 1650 / 65



Minimal workspace [mm/in]: 1950 x 1650 / 77 x 65



Power supply: 0.75 kW 400V 3/N/PE 50/60 Hz

0.75 kW 230V 3/N/PE 50/60 Hz

1 kW 110V 1/N/PE 50/60HZ + VFD



Operated by: 1 person



Weight [kg/lbs]: 70 / 155



Compressed air [bar/psi]: 6-8 / 87-116



Water supply: n/a



Drain: n/a



Compatibility: M-350

The machine is designed so that, under sterile conditions, the egg mass can be transferred into aseptic **BagInBox** bags straight from the M-350 Pasteurizer after the pasteurization process. After the bagging operation, the machine's pipes and pump are washed through a pre-programmed cleaning cycle. The machine is made out of stainless steel **EN 1.4301 (AISI 304)**.



MINIMAL WORKSPACE





Recommended: 500 L/cycle (5-6 hours), 132 Gallons/cycle
Min: 250 L/cycle (4-5 hours), 66 Gallons/cycle

The pasteurizer set consists of two machines: **M-500 pasteurizer and a BagInBox filling machine.** The pasteuriser is filled with a liquid egg which is then automatically pasteurized and cooled. The cooled egg fluid is then automatically pumped into the bag filler where it is measured and then pumped into the plastic BagInBox bags. The machine is equipped with a **semi-automatic Clean-InPlace (CIP) system**, which automatically cleans and disinfects the machine after changing the hose configuration. The machine is made out of stainless steel **EN 1.4301 (AISI 304)**.

Tank dimensions [mm/in] :

L: 1200 / 48 W: 1200 / 48 H: 2000 / 79

Chiller dimensions [mm/in] :

L: 2000 / 79 W: 890 / 36 H: 1600 / 63

Power supply : 51 kW 400 V 3/N/PE 50/60 Hz 92A

51 kW 230 V 3/N/PE 50/60 Hz 145A

Total workspace [mm/in]: 5500x3500/217x140



Operated by : 1 person



Tank weight [kg/lbs] : 485 / 1069

Chiller weight [kg/lbs] : 498 / 1098



Compressed air : n/a



Water supply : water from client's installation



Drain : required



Compatibility : PS-1, FS, PM BOX, FM



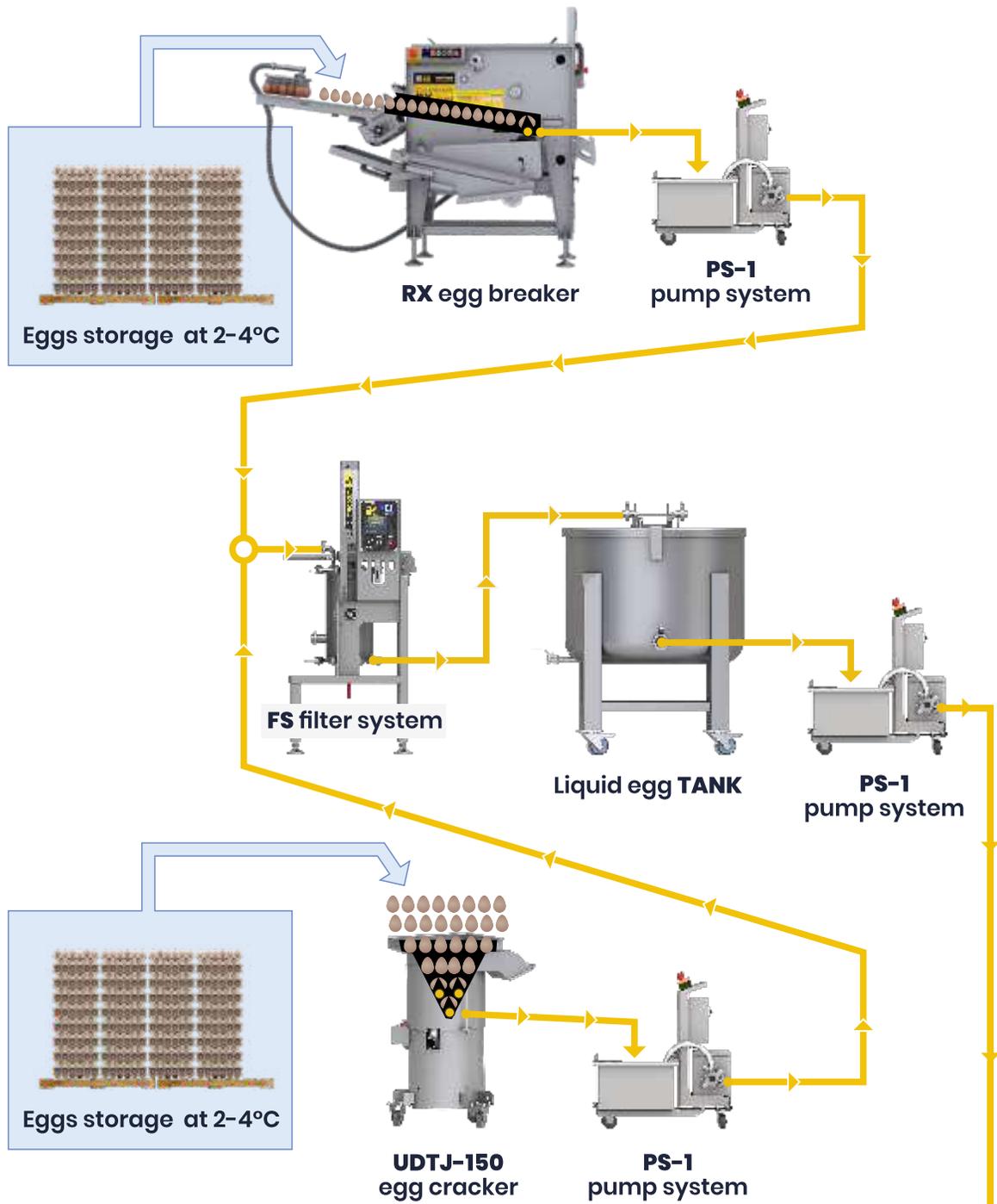
touch screen control

pasteurized egg

MINIMAL WORKSPACE



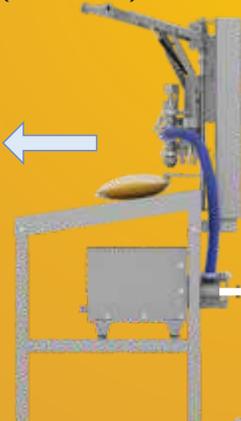
film



M-500 pasteurizer set

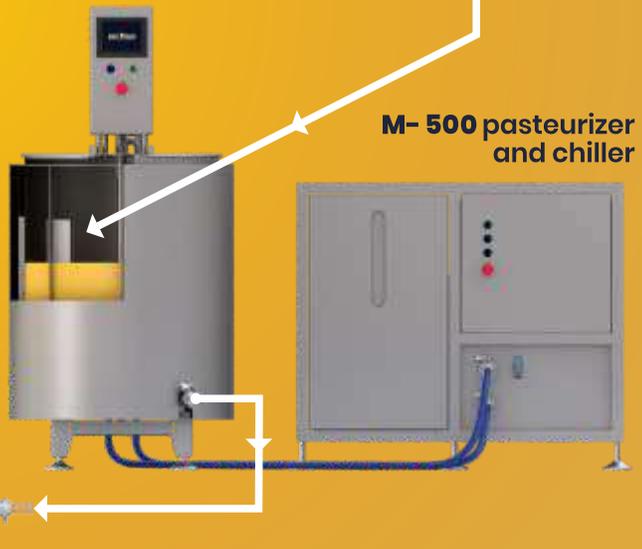


FM filling machine (1-20 liters)



Filter

M-500 pasteurizer and chiller





ACCESSORIES

**productivity
enhancing
machines**



VISIT OUR WEBSITE

 **42000** eggs/hour

The machine **reduces the volume of eggshells obtained during egg breaking by 95%** by crushing them into small pieces. The machine is made out of **stainless steel EN1.4301 (AISI 304)**.



Dimensions [mm/in]:

L: 1306 / 51 W: 665 / 26 H: 920 / 36



Operated by: 1 person



Weight [kg/lbs]: 60 / 132



Compressed air: n/a



Water supply: n/a



Drain: n/a



Compatibility: RX-0/1



Minimal workspace [mm/in]: 1650 x 2300 / 65 x 91

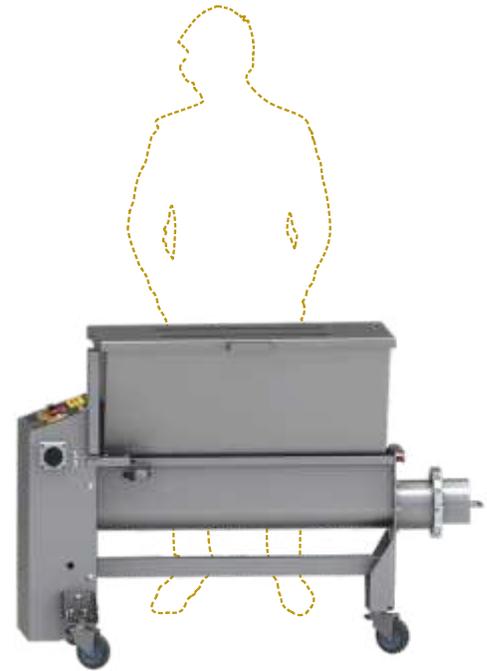
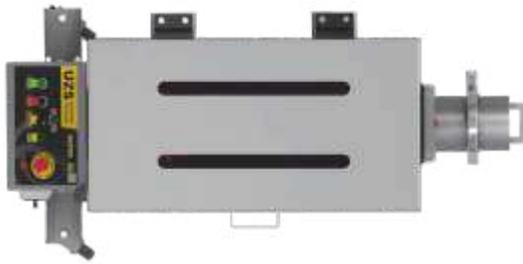


Power supply: 1.1 kW 400V 3/N/PE 50/60 Hz

1.1 kW 230V 3/N/PE 50/60 Hz

1 kW 110V 1/N/PE 50/60HZ + VFD

MINIMAL WORKSPACE



eggshells reduced by 95% in volume



eggshells after breaking

VEL-30 vacuum egg lifter

Description

 **30 eggs at a time**

 **Dimensions [mm/in]:**

L: 476 / 18 **W:** 325 / 13 **H:** 354 / 14

Minimal workspace [mm/in]: 800 x 1200 / 32 x 47

Power supply: 0.37 kW 230 V 1/N/PE 50/60 Hz

0.45 kW 230 V 2/PE 50/60 Hz

1 kW 110V 1/N/PE 50/60HZ + VFD

 **Operated by:** 1 person

 **Weight [kg/lbs]:** 25 / 55

 **Compressed air:** n/a

 **Water supply:** n/a

 **Drain:** n/a

 **Compatibility:** MX-1/2/4/6, UX-2/4/6, RX-0/2/4/6

The **lifter grabs the eggs** with the use of rubber suction cups and accumulated vacuum, which allows for their fast and safe transportation from the egg cartons to the machine. The machine is made out of **stainless steel EN 1.4301(AISI304)**.



Eggshell settler

Description

 **Dimensions [mm/in]:**

L: 260 / 11 **W:** 330 / 13 **H:** 65 / 2,6

 **Weight [kg/lbs]:** 1,5 / 3,3

 **Compatibility:** RX-0/1

It is designed to eliminate the eggshells created during egg breaking. The machine is made out of stainless steel **EN 1.4301 (AISI 304)**.



SAF

Semi-automatic Feeder



**COMPLETE
EGG PROCESSING
SOLUTIONS**

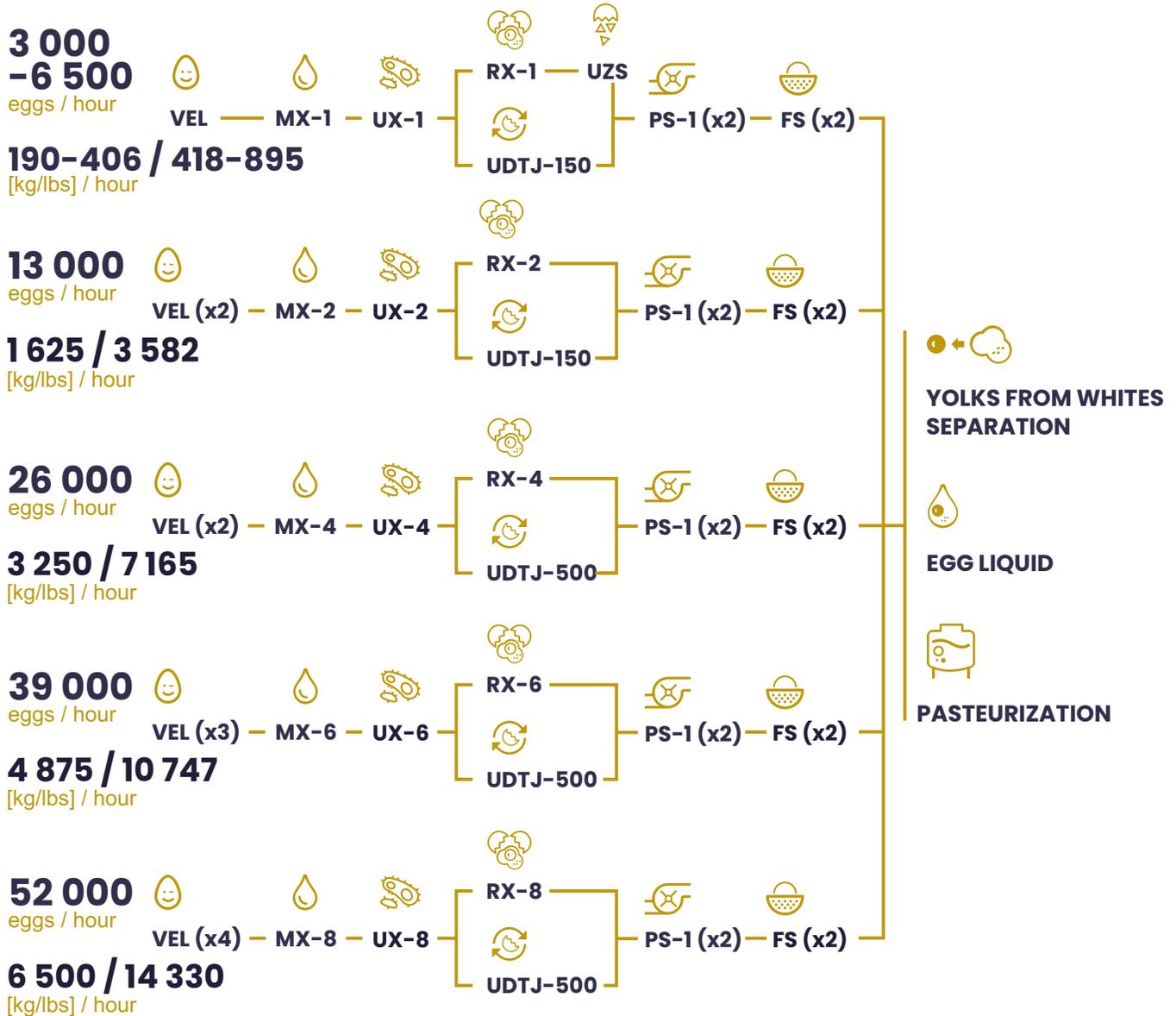


**Semi-automatic
Feeder**



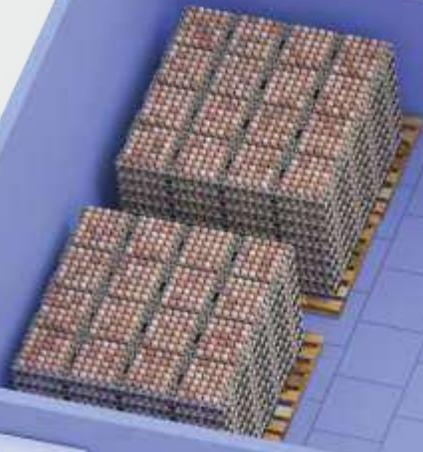
Take a global look at your business and start saving.

Egg processing lines



Egg processing line with the M-500 pasteurizer

EGGS STORAGE
at 2-4°C / 35-40 °F



RX-1
egg breaker



VEL-30
egg lifter



FS
filter system



PS-1
pump system



UDTJ-150
centrifugal
egg cracker



LIQUID EGGS STORAGE
at 2-4°C / 35-40 °F



FILLING MACHINE



FILTER



M-500
pasteurizer



M-500
chiller



liquid egg

liquid egg

OVO-TANKS
tanks with automatic
cleaning system (CIP)

**LIQUID EGGS
STORAGE**
at 2-4°C / 35-40°F



OPS-1000
pasteurizer



**FILLING
MACHINE**



RX-4
egg breaker



UX-4
disinfector



PS-1
pump system



UDTJ-150
centrifugal
egg cracker



MX-4
egg washer



VEL-30
egg lifter



**Egg processing
line with the
OVO-TANK system**

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OVO-TECH USA

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