



 **SWEDEPAK**TM
Filling systems

Swedepak's business idea

"supply machine systems with high quality to the right price and with the company's experience and application knowledge give the customer best possible development and return of investment"

About the company

- ✓ Private owned company in Sweden
- ✓ Established 1982
- ✓ High technology profile



Business concept

We have sales, development,
design, manufacturing, service and
project management

Product education and
training at our company or at site

Service and support by our
technicians or local partners

Main areas of delivery

- ✓ FOOD INDUSTRY
- ✓ PHARMACEUTICAL INDUSTRY
- ✓ COSMETIC INDUSTRY
- ✓ CHEMICAL INDUSTRY
- ✓ PAINT INDUSTRY
- ✓ OTHERS

Service & spare parts

Spare parts is normally delivered same day when ordered before 12.00 local time.

We constantly improve our delivery capability.

We are located 20 min from Stockholm International Airport for quick action all over the world.



Sales & support



We can deliver our machines over the world and we are open for agents/distributors for local sales and support in different countries.

Our machines is normally supplied with remote connection modules for our immediate service access to the machines.

SP1100/1200-series mobile filling machines

SP1100 - for scooping out from cooking pans and pumping into smaller containers within food industry, catering and others

SP1200 - equivalent machine but with portioning control

MOBILE EMPTYING & FILLING MACHINE

Capacity: appr. 0 - 100 l/min

Products: low & high viscous food & chemical products

Material: stainless steel



SP2100/2200-series compact filling machines



2100/2200-series small compact flexible fillers that can be expanded.

Simple manual or automated filling missions for low & high viscous food or chemical products.

SP2101 Compact Fill table-top simple filling of bottles, cans & containers



SP2202-WS WorkStation very flexible workstation with 1 or 2 filling heads, double sided filling and additional modules like conveyors, cap machines and more



SP2200 series can be completed with a great number of additional modules that makes a complete filling line

SP2201 Compact Fill table-top machine with PLC system prepared for line use



SP2300-series multiflexible filling machines



Our own designed
AFC - Automatic Format Change
means 100% automatic format change in the
whole machine in about 30 seconds just by a
push on the operator panel!

Bottles, containers, jars, etc.
Capacity up to 60/min



Glass, plastic, etc.
Low or high
viscous products.
The machines are
extremely easy
and fast to change
– 100% automatic.

SP2300 series contain 1 to 10 filling heads
and they can be supplied with;

MANUAL FORMAT CHANGE (MFC)
or
AUTOMATIC FORMAT CHANGE (AFC)



SP2300-series multiflexible filling machines



For cleaning there is a rinse/CIP system with possibilities to an effective and quick flushing and/or CIP cleaning of pumps and nozzles without dismantling.



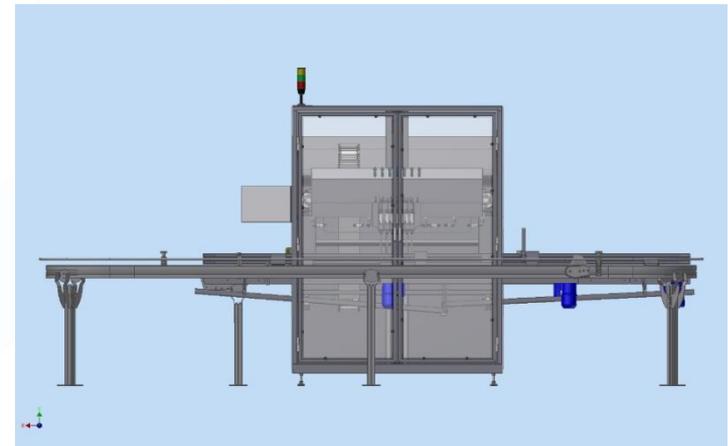
Very rigid and robust multi universal bottle and container stoppage system all with automatic format change gives a safe, quick and problem free change between very various products and packings.



The machines have stainless steel cabinets with all electric equipment and PLC system. Also pneumatic cabinets placed on the more protected backside of the machines. The protection class of the machines is between IP66 to IP69K which is flush proof.

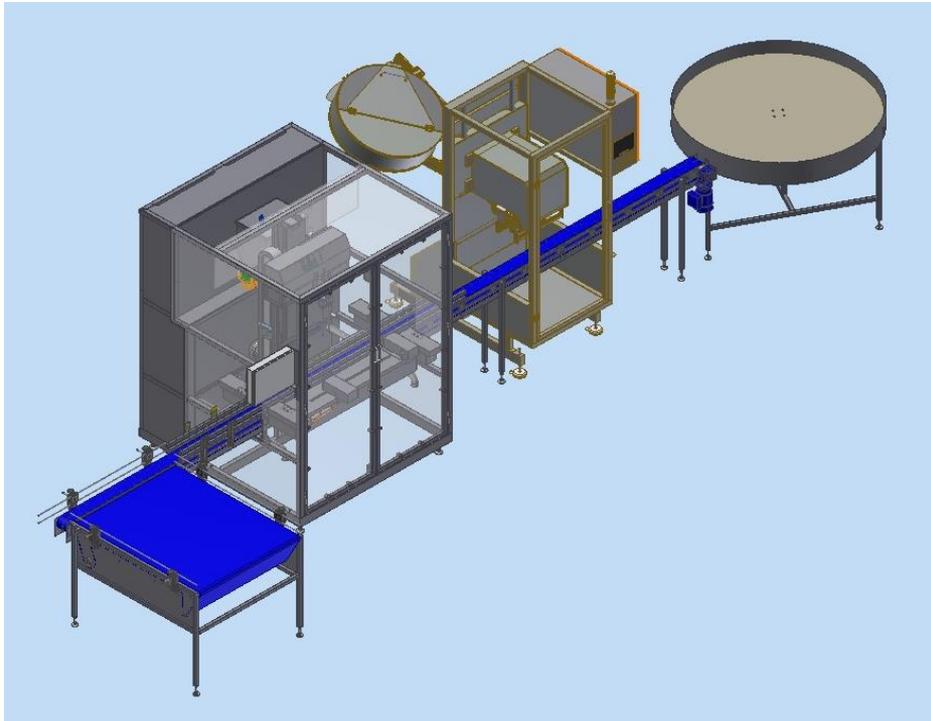


The machines have a PLC system (Siemens) which in cooperation with a number of electrical linear motors and servo systems, creates a "recept" for each individual settings in the whole machine and then you can easily pick up very various products and packings quickly and by a push of a button, change the machine totally automatic and without any tools or manual interference.



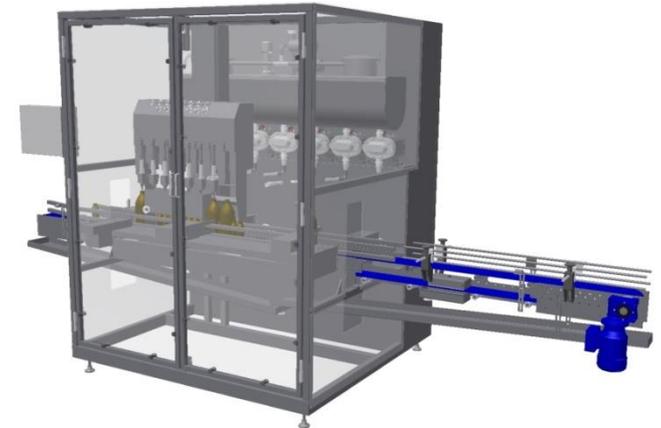
SP2300 series is delivered with our own high grade sanitary conveyor systems with different length modules and with a completely flushable design for simple and quick cleaning, also with an integrated automatic flushing system. An extensive optional program with feeding devices, cap machines, labelling machines, sleeve machines, gathering tables, bottle unscramblers, etc. is available.

SP2300-series multiflexible filling machines



An example of a line up of a smaller filling machine with from left; feeding table, conveyor, filling machine, cap machine and gathering table – everything from our own manufacturing.

The filling lines are multiflexible and are extremely easy to change format with – only push a button and the entire machine line change format within 30 seconds!



SP2300 series is multi flexible and makes possibilities to run a great number of different packings & sizes of bottles and containers with a big variation of product types such as; foaming, aggressive, low- or high viscous and products containing fruit pieces, vegetables, spices as well as chemicals, paint, glue and more..

The unique thing with our machines is the multi flexibility and the simple and fast format change without format parts.

The clean and appealing mechanical design in combination with the advanced and well performed PLC control system is making simple and good ergonomics in handling the line with a minimum of resources in the production.

Our machines have well known reliability and are appreciated to be highly maintenance friendly and easy to clean.

The machines contain among the best and most reliable components available on the market for optimal safety and availability in the production for the future.

SP3100-series semiautomatic bucket & container filling

COMPACT SEMIAUTOMATIC
WEIGHT/VOLUME FILLER WITH PUMP

Capacity: appr. 0 – 10/min

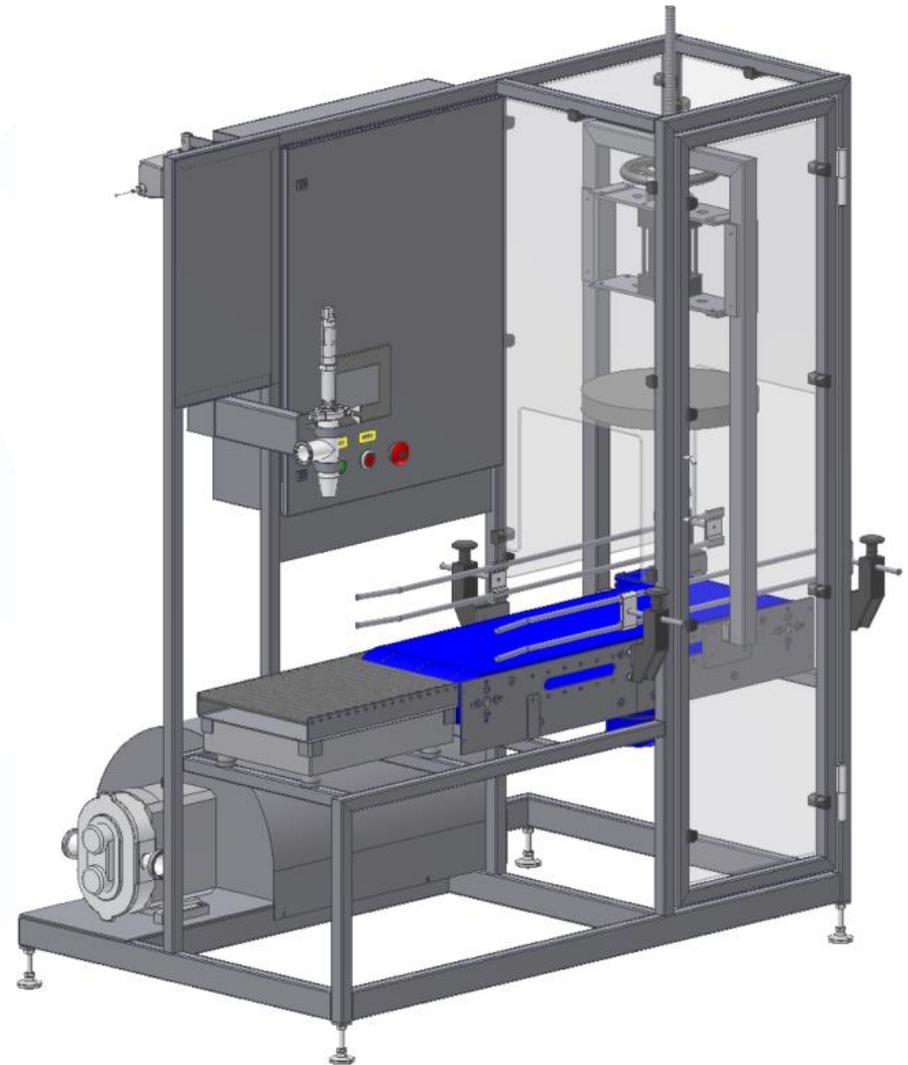
Products: low- & high viscous foods,
pharmaceutical, chemical products etc.

Packings: buckets, containers, bottles etc.

Material: stainless steel



Different nozzles for
different products



SP3200-series bucket filling line - high capacity

Data:

SP3200 BUCKET FILLING

WEIGHT AND/OR
VOLUME FILLING

Double row machine

Capacity: max 30/min

Products: low & high
viscous products

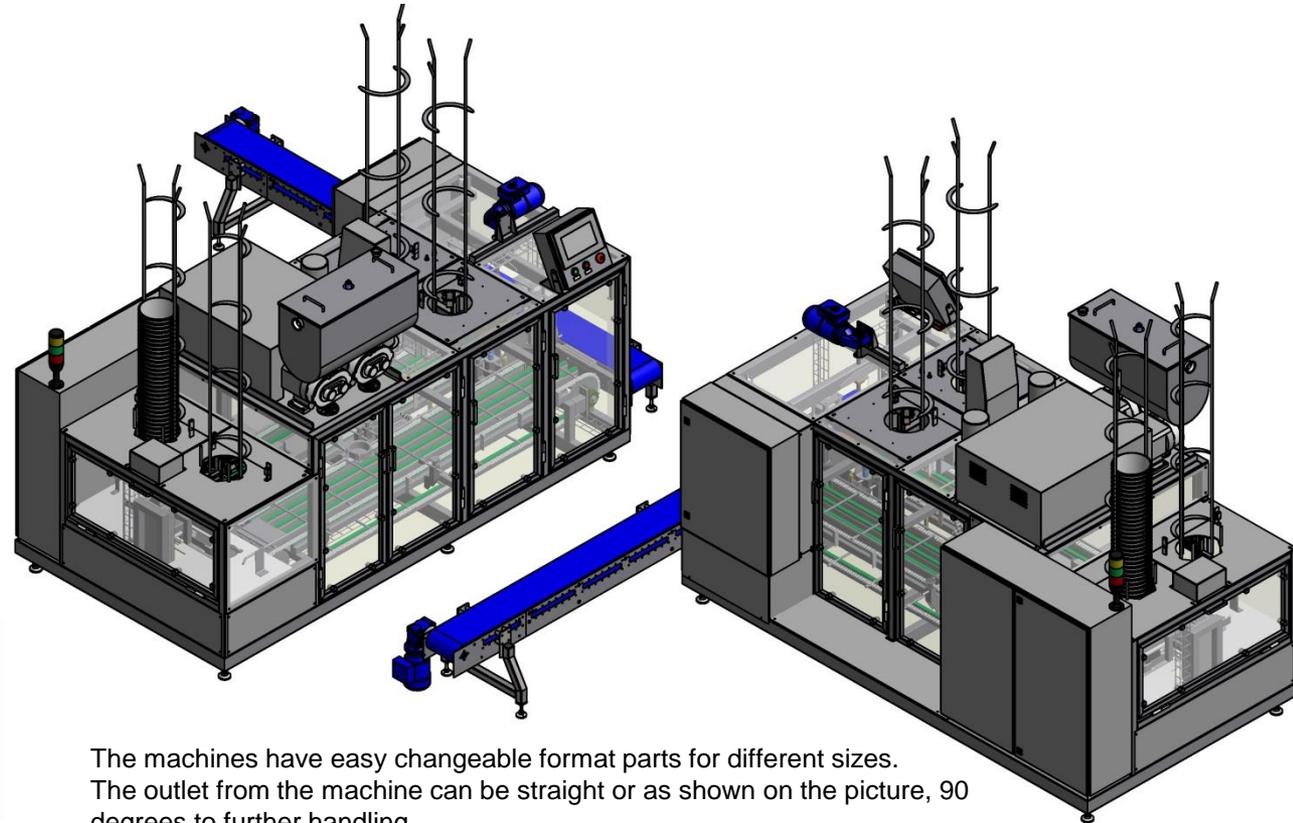
food, paints, chemicals,
pharmaceuticals etc. (also
products containing fruit,
berries or vegetable pieces
etc.

Packings: buckets appr.
1 – 10 L

Material: stainless steel

Options:

Label machine, marking,
metal detector, control
weigher, palletizer and
more..



The machines have easy changeable format parts for different sizes.
The outlet from the machine can be straight or as shown on the picture, 90
degrees to further handling.

The picture show a machine with outlet to the left, but the machine is also
available with the outlet to the right.

Different types of buckets with different types of
handles, or buckets without handles can be run in
the machine.



SP3300-series – automatic bucket filling line

Our own designed
AFC (Automatic Format Change)
means 100% automatic format change in the
whole machine in about 30 seconds just by the
operator panel!

Data:

SP3300 BUCKET FILLING WITH WEIGHT AND/OR VOLUME FILLING

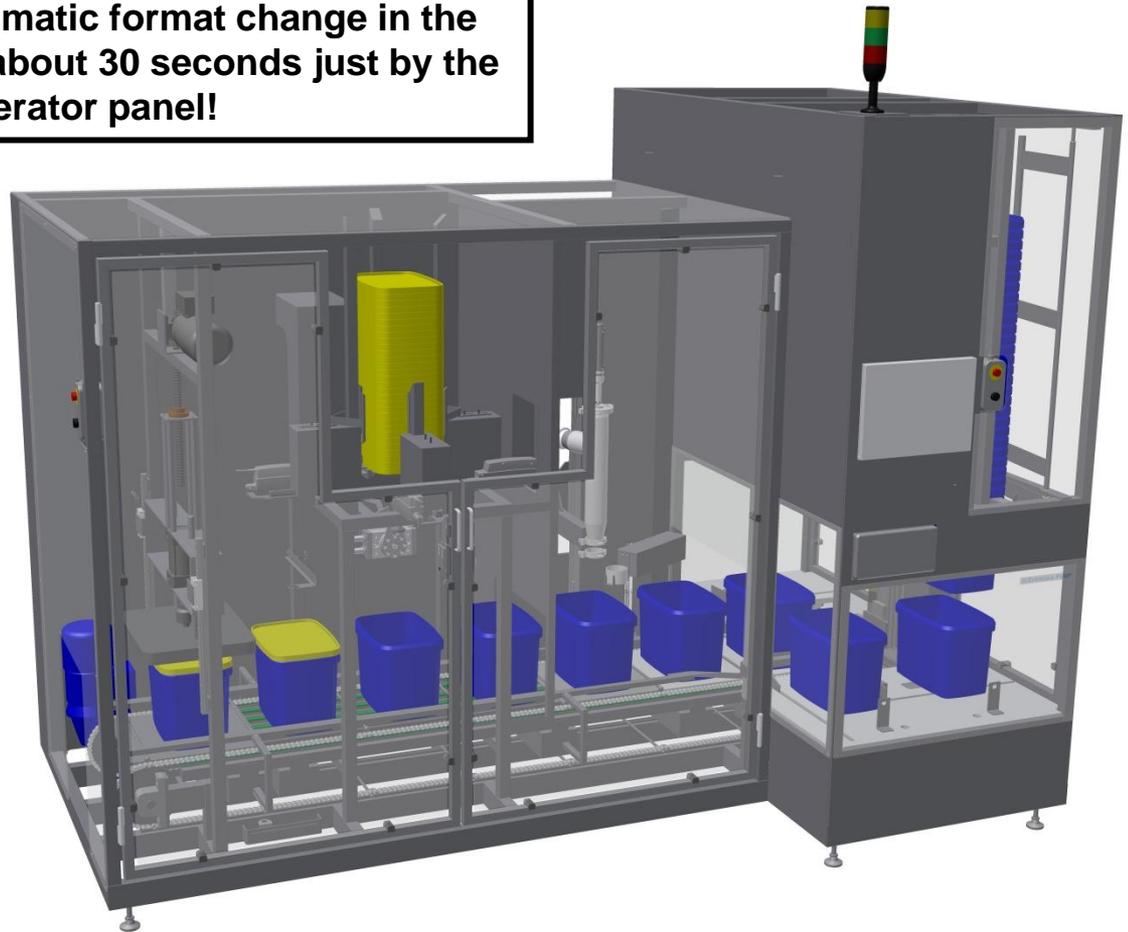
Capacity: appr. 0 – 15/min

Products: low- & high viscous
products like foods (containing
also fruit/vegetable pieces),
pharmaceuticals, chemicals, paint,
glue, etc.

Packings: Buckets appr. 1-30 kg

Materials: stainless steel

Options: foil units, palletizing,
pumps, label machines, etc.



Format change between different bucket sizes, round, square, rectangular is done automatic by push-button within 1 min!

SP3300-series automatic bucket filling line

UNIQUE FLEXIBILITY

100% automatic format change without any format parts

Automatic change within 1 minute between;

- * metal handles
- * Plastic handles
- * Integrated plastic handles
- * buckets without handles
- * round buckets
- * square buckets
- * rectangular buckets
- * plastic buckets
- * steel buckets

Stations in the machine;

- Double row bucket dispenser (2 stacks)
stack height= 2x1600mm
- Filling station with weight and/or volume filling
- Lid station with dispenser
stack height= 1x1000mm
- Lid control with ultrasound
- Lid pressing station



Most brands is fitting in the machine

Bucket dimensions - max;

Round buckets dia 336, H 300 mm

Round lids dia 416 mm

Rect/square buckets L 380, B 300 H 300 mm

Rect/square lids L 416, B 416 mm



SP3300-series automatic bucket filling line



Double bucket dispenser



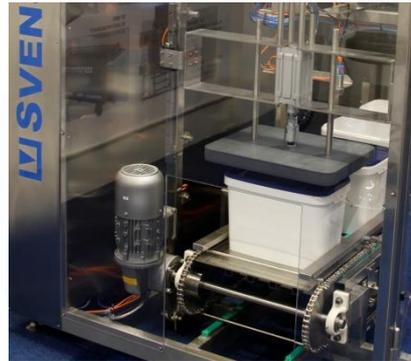
Filling station



Lid dispenser



Lid control

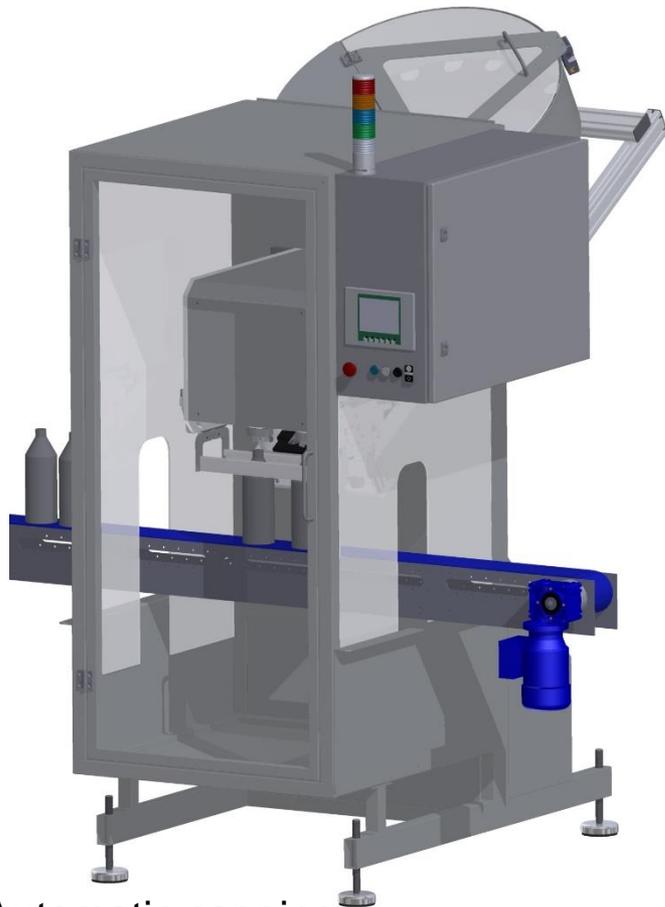


Lid pressing station



Electric & pneumatic cabinets

SPCAP-series capping machines



Data:

CAP MACHINE SPCAP-40

Capacity: max 40/hour

Packings: Bottles, cups,
containers, etc.

Cap types: screw caps and
press on caps

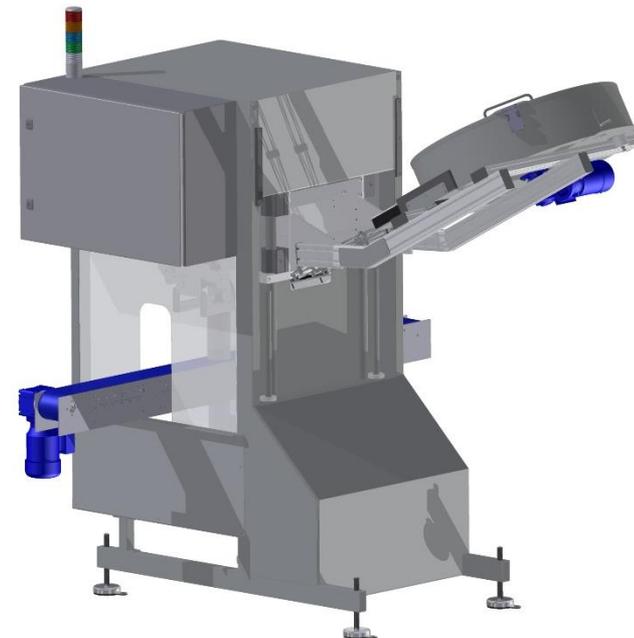


Simple manual or
semi-automatic
screw capping

Automatic capping.

Servo controlled torque and servo controlled height
adjustment following a "recepty".

Designed for SWEDEPAK Automatic Format Change
system.



SPMIX-series blenders & mixers

Data:

Products - low- & high viscous foods, pharmaceuticals & chemical products. Powder, granules, liquids

Material: stainless steel



Blending wheel



SPMIX horizontal blending wagons with pump outlet. 200L, 400L & 600L size.

Option with load cells



IN-LINE mixers



Pump outlet on the mixing wagon

SPMIX-WS - automatic mixing workstation

SPMIX-WS MIXING STATION:

The unit is used separate or is preferable connected to a complete system with our mixing wagon for effective and fast manufacturing of for instance;

bearnaise sauce, salad dressings, and many other products where liquid and dry products like spices etc. has to be mixed together with for example vegetable oils and others.

Capacity: appr. 1800 l/hour

Control:

Complete unit with in-linemixer, circulation pump and oilpump. PLC control system.

Program for manufacturing of complete products, pressure sensor and pressure regulated hygienic valve. Circulation and pump-out via external tank or via Swedepak mixing wagons. Quality control of all mixing data from the system.



Data:

Complete workstation for mixing and blending of low & high viscous products.

Sauces, mayonaisse products, dressings, cosmetics, etc.

Material: stainless steel

Options;

-flow meters for oil & water

Label machines



Type 3-roller system for precision at wrap-around applications

Data:

Capacity: 0 - 40 m/min

Packings: Cups, bottles, tubes, bags, containers, buckets and more. Round, square, oval, rectangular and more.

Labels: double sided, single sided, wrap-around, horizontal, vertical.



Label machine with in-line printer and blow-box applicator



Label machine for top labelling alt. side labelling (depending on the fixing stand)

Induction seal machines

INDUCTION HEAT SEALING IS SIMPLE AND UNCOMPLICATED

No moving parts or mechanical wear is present. The sealing is soundless, fast & secure.

The foil is mounted in the cap from the cap manufacturer or is applied from a foil roll with "direct sealing".

Data:

Capacity: 0 – 400/min

Packings: Cans, cups, tubes, containers, bottles, bags etc. Round, square, oval etc.

Packing material: plastic & glass

Foil: plastic or metal



"Direct sealing" – with foil on a roll



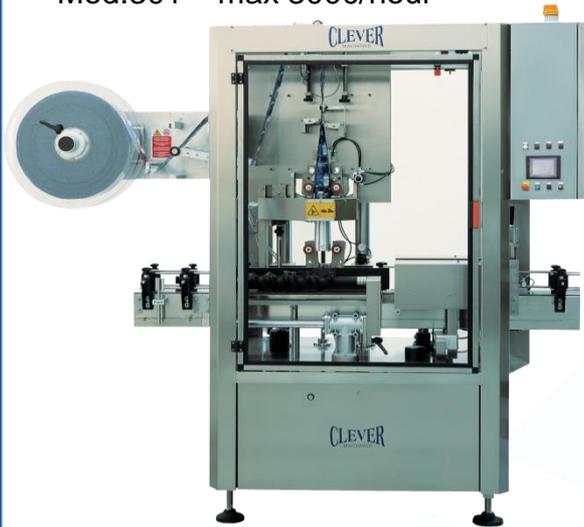
Type ICS-600 hand applicator



Type MICS induction seal unit for conveyor

Sleeve machines

Mod.301 – max 3000/hour



Data:

SLEEVE MACHINES

Capacity: 0 - 52.000 p/hour

Packings: Cans, bottles,
gallons, cartons, etc.
Round, square, oval and more

Material: plastic, glass, metal,
paper

Method; steam alt. heated air

Very varied packings with
different forms can be
sleeved with attractive design



Shrink tunnel for steam heat shrinking



Mod.602 – max 52.000 p/hour

Bottle unscramblers

Data:

BOTTLE UNSCRABLERS

Capacity: 500 – 30000/hour

Packings: bottles with almost any kind of shape and material

Method; mechanical feed and robot systems



PICKFEEDER SERIES

All about **VERSATILITY** - the range is equipped with one or several robotic units which allows adaption to different needs and increase the **EFFICIENCY** of each production line. All of the machines presents **AUTOMATIC FORMAT CHANGE** with extraordinary versatility and infinite number of products.



IN-LINE SERIES

The **STD** range is comprised of different sizes of feeders.

They all provide extraordinary **VERSATILITY**, which allows countless products and is configured for a wide range of industries.

The **ECO** range is the entry level and has been especially designed for industrial sectors that require rapid return on investment.



Fagelsangsvagen 14
186 42 VALLENTUNA
SWEDEN

Tel. +46851173100

info@swedepak.com
www.swedepak.com
