

mespack

A DURAVANT COMPANY

Innovative Packaging Technologies

END OF LINE EQUIPMENT

Comprehensive end-of-line solutions

Our integration
will be your succes

Wrap Around



Palletisers



Case-packing robots



Case erectors



Case sealers



Depalletisers



Plastic crates



Shrink wrappers



Stretch wrappers



Special applications



Solutions



Peripherals



Complete end-of-line solutions

We design custom solutions for integration into your production line, ranging from packing and shrink wrapping to palletising and stretch wrapping, whatever the format of the product.

Plastic crate solutions



PCR/Series

Machines specifically for palletising, depalletising, packing and unpacking plastic crates with glass bottles.

Model	Speeds	Type of machine
PCR-E	40.000 containers/h	Case packer
PCR-D	40.000 containers/h	Case unpacker
PCR-DES	40.000 containers/h	Depalletiser
PCR-P	40.000 containers/h	Palletiser

1) Depalletising station for crates of returnable empty bottles.

A robot with a special tooling depalletises the crates layer by layer and places them on a conveyor belt to be sent to the unpacking station.

2) Crate unpacking station

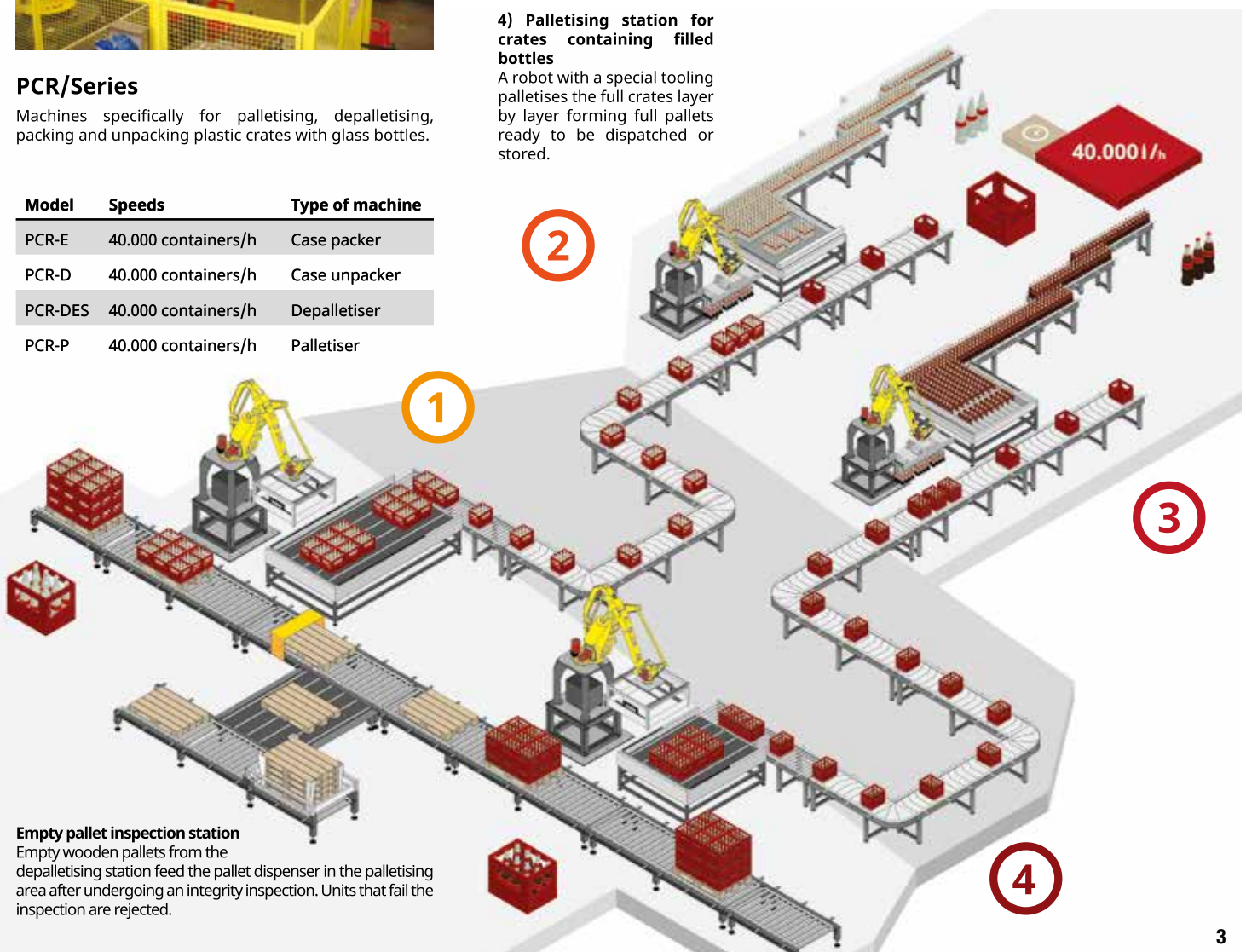
A robot with a special tooling unpacks empty bottles, which are then sent to the bottle washer for preparation prior to filling.

3) Crate packing station

A robot with a special tooling packs filled bottles into recycled crates, which are then sent to the palletising station.

4) Palletising station for crates containing filled bottles

A robot with a special tooling palletises the full crates layer by layer forming full pallets ready to be dispatched or stored.



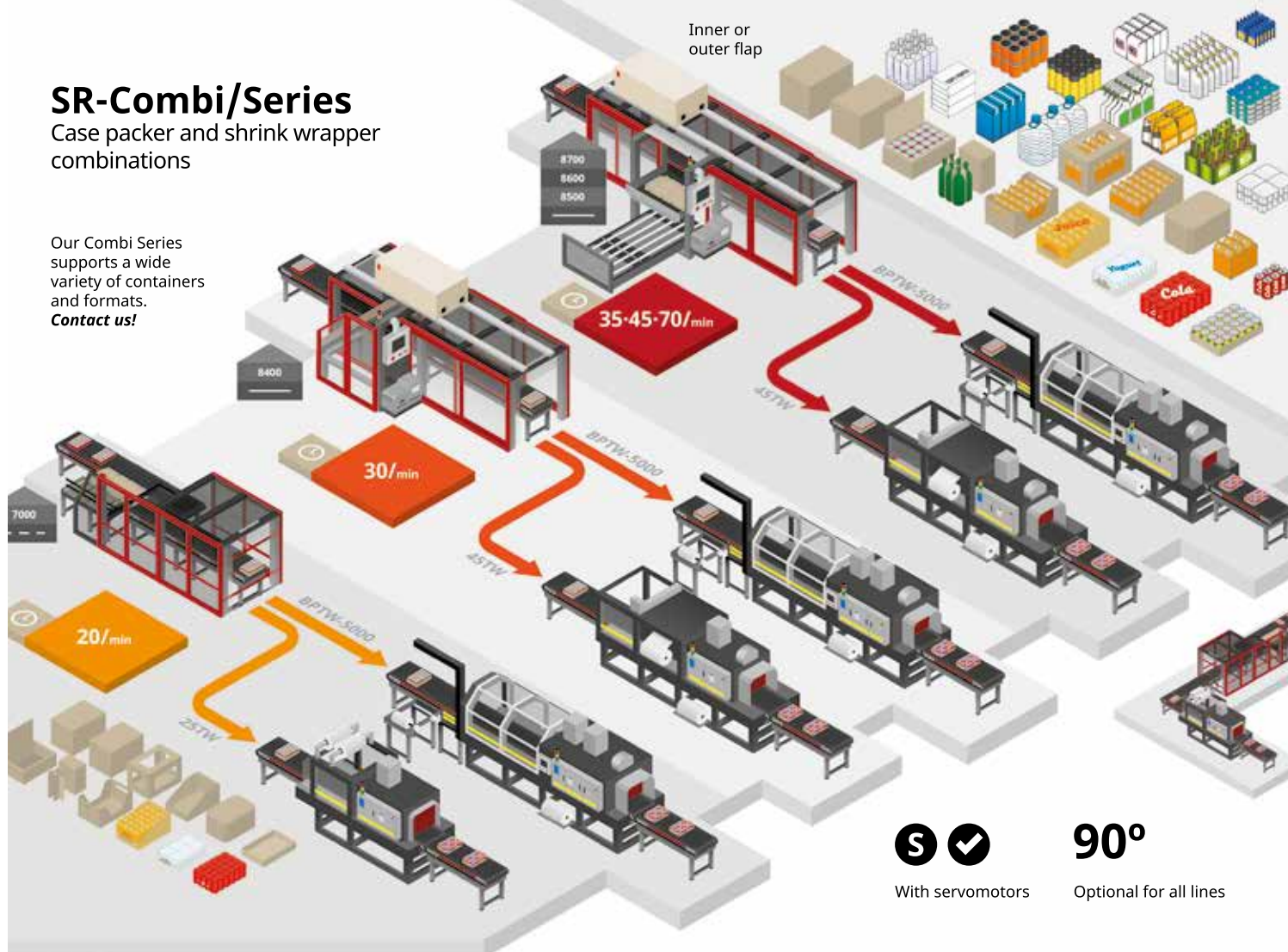
Empty pallet inspection station

Empty wooden pallets from the depalletising station feed the pallet dispenser in the palletising area after undergoing an integrity inspection. Units that fail the inspection are rejected.

SR-Combi/Series

Case packer and shrink wrapper combinations

Our Combi Series supports a wide variety of containers and formats.
Contact us!



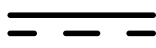
With servomotors

90°

Optional for all lines

AUTO

Optional automatic adjustments



Continuous / Intermittent

The combined SR-COMBI SERIES case packing and wrapping lines have the aim of providing maximum versatility to cover all of our clients' possible needs.

With a wide range of rates, formats and speeds, the SR-COMBI SERIES enables three different types of packaging to be performed on one line: wrap-around case, tray and shrink wrap tray.

Wrap-around case packers



WA7000/Series

Designed to achieve maximum speed by minimising format changeover downtime.

Model	Speeds
WA7000 SELENE	10 cases/minute
WA7000 SELENE PLUS	15 cases/minute
WA7000 PRO	20 cases/minute



WA8400

The ideal machine for speeds of up to 30 cases per minute, using a continuous linear movement of containers (bottles, cans, cooler cases, etc.).

Model	Speeds
WA8400	30 cases/minute



WA8000/Series

High-speed case packers fully synchronised by means of electronic servomotor control.

Model	Speeds
WA8000/35	35 cases/minute
WA8000/45	45 cases/minute
WA8000/70	70 cases/minute

RSC/Series

American RSC packing solutions

New generation of Robotic case packers. Equipped with servomotors to ensure smooth motion and maximum positional accuracy

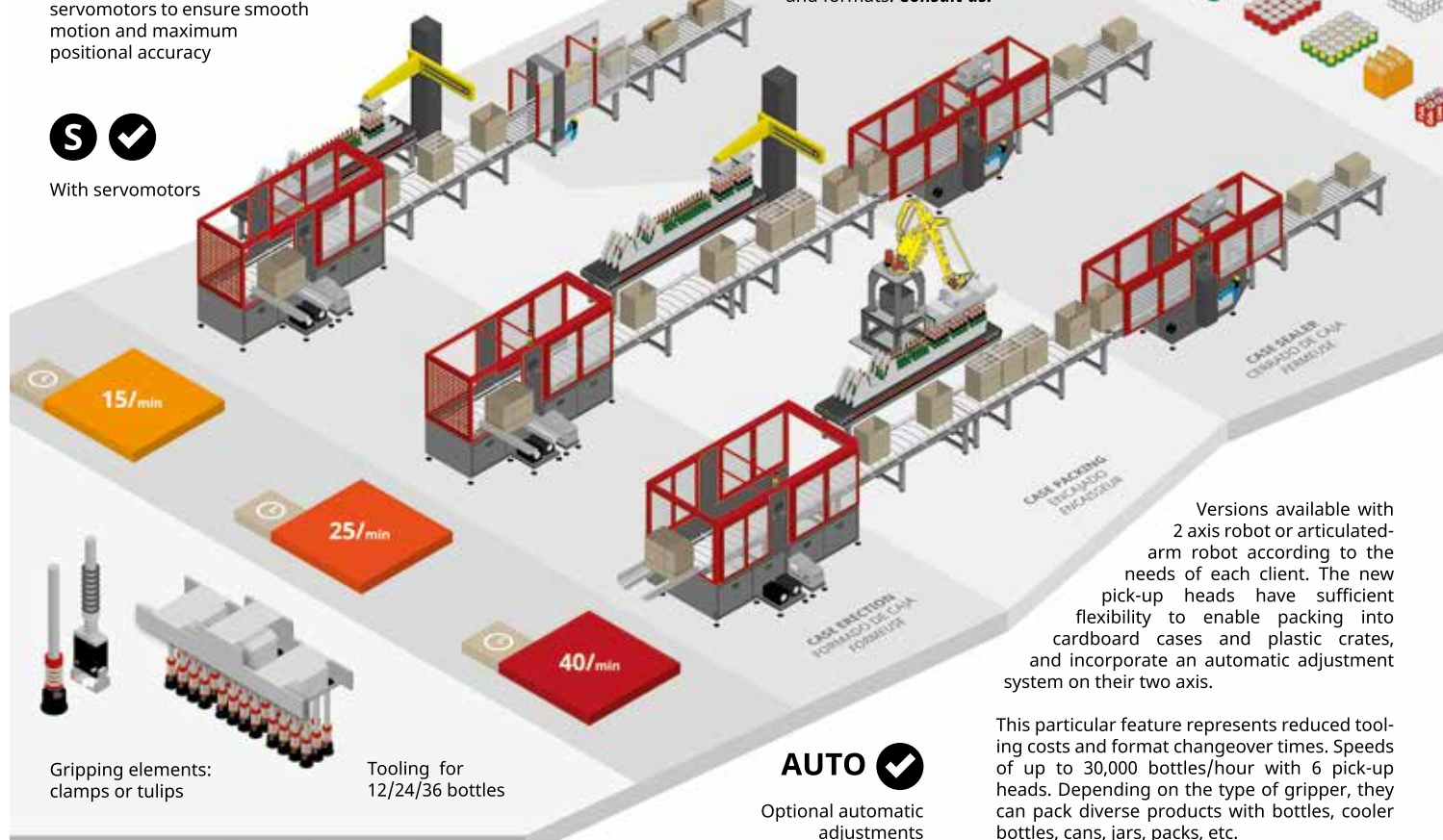


With servomotors



Optional automatic partition inserter for all lines

Our RSC Series supports a wide variety of containers and formats. **Consult us!**



Versions available with 2 axis robot or articulated-arm robot according to the needs of each client. The new pick-up heads have sufficient flexibility to enable packing into cardboard cases and plastic crates, and incorporate an automatic adjustment system on their two axis.

This particular feature represents reduced tooling costs and format changeover times. Speeds of up to 30,000 bottles/hour with 6 pick-up heads. Depending on the type of gripper, they can pack diverse products with bottles, cooler bottles, cans, jars, packs, etc.



Optional automatic adjustments

RSC solutions



3000/Series

Compact and fully-coated case erectors, incorporate the best components on the market to maintain their structural design and robustness.



RE150/Series & RE500/Series

New generation of robotic case packers. Equipped with servomotors and controls to ensure smooth motion and maximum positional accuracy. Designed to handle medium to high speeds depending on the number of tooling fitted.



2500/Series

Case sealers using hot melt injection or seal. Setting a format change can be performed easily and quickly.

Model	Speeds	Type of closure
3400	14 cases/min.	Seal/Hot Melt
3500	25 cases/min.	Hot Melt
3700	30 cases/min.	Hot Melt
3650	40 cases/min.	Hot Melt

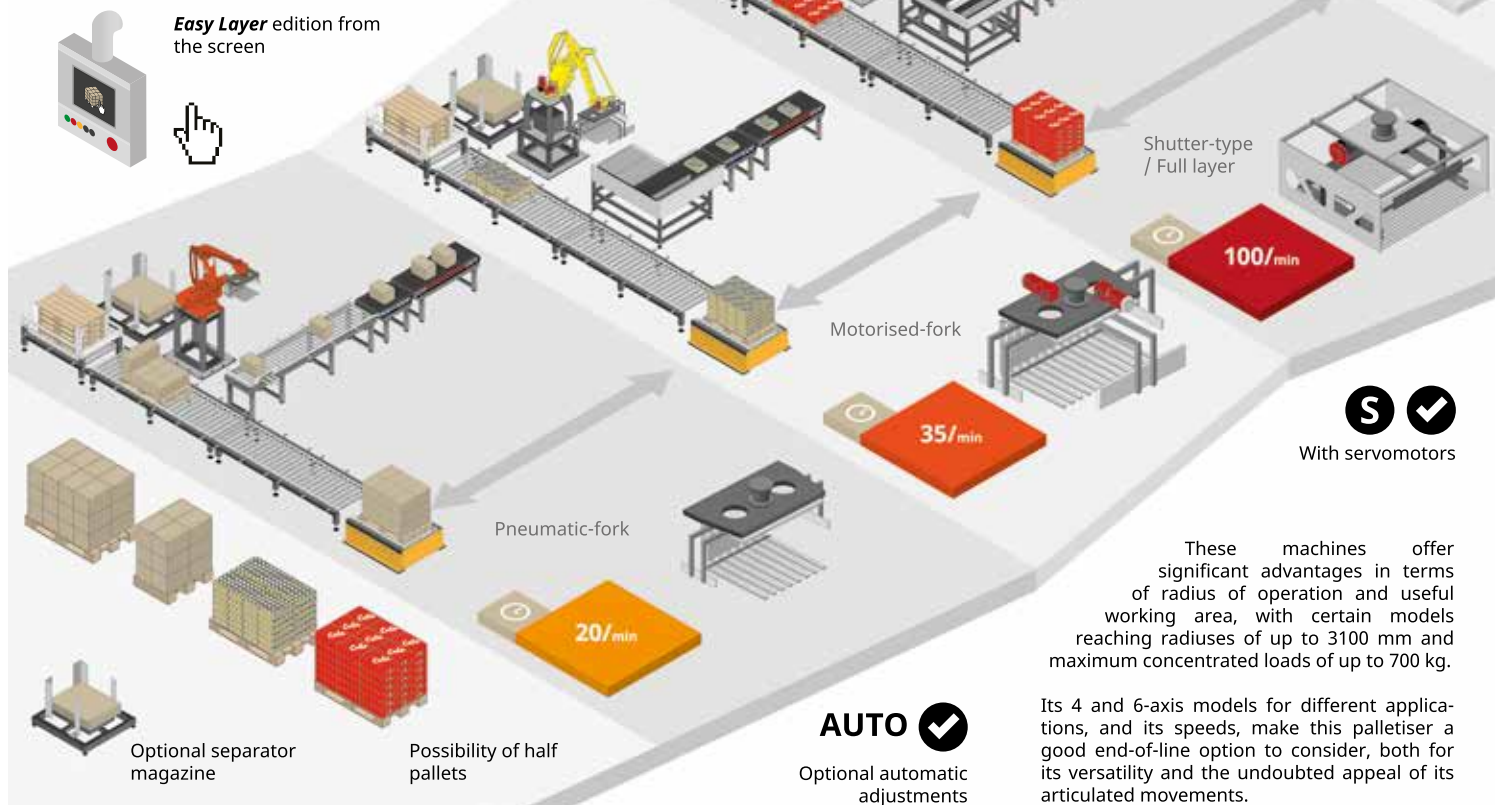
Model	Speeds
RE150	15 cases/minute
RE150 PLUS	25 cases/minute
RE500	40 cases/minute

Model	Speeds	Type of closure
T4200	15 cases/min.	Seal
C2500 HM	40 cases/min.	Hot Melt

Robot/Series

Palletising robot systems

Articulated-arm or anthropomorphic palletising robot systems, specially designed to suit our clients' specific applications.



Palletising, depalletising and special applications



RA/Series

4 and 6-axis articulated-arm or anthropomorphic palletising robots for different applications and speeds.

Model	Speeds	Tooling
RA SELENE	20 cases/minute	Pneumatic-fork
RA PLUS	35 cases/minute	Motorised-fork
RA PRO	100 cases/minute	Shutter-type/full layer



P5000/Series

Characterised by its robust design and high reliability (dual elevator motor drive, positive pallet centring device, high-capacity pallet magazine, etc.).

Model	Speeds
P5000/1	35 cases/minute
P5000/2	45 cases/minute
P5000/3	70 cases/minute



RP/Series

600x800mm tray erector and 2-axis robot assembly for palletising bulk products (bottles, bricks, etc.). It is designed to work in industrial environments 24 hours a day.

Model	Speeds
RP	50 semi-pallets/hour
RP + Tray erector	50 semi-pallets/hour



STAR150/Series

Especially suitable for glass containers and plastic crates, it meets the strict requirements of the market (medium and high speeds, positive transfer of full layer, container evacuation system without pressure, etc.).

Model	Speeds	Execution
STAR150	3 layers/min	Conventional
STAR150 PRO	3 layers/min	Robotic



RED

Robotic solution for special applications, such as caging and unloading horizontal or upright bottles into or from wooden or metal cages.

Model	Speeds
RED	15.000 containers/hour



RMG

Robotic solution that offers a versatile and effective response to new high-volume container handling and palletising needs.

Model	Speeds
RMG	15 cooler bottles/minute

Stretch wrappers



PAC-4R5

Rotary turntable stretch wrapper built with high quality materials and finished with corrosion-resistant paint, ideal for high speed lines.

Model	Speeds
PAC-4R5	25 pallets/hour



RTAC-4Q3

Rotary-arm stretch wrapper designed to optimise film stretching while improving load unification.

Model	Speeds
RTAC-4Q3	40 pallets/hour



SATURN

The SATURN S6 is a fully-automatic rotary-ring stretch wrapper for the wrapping of palletised loads with stretch film.

Model	Speeds
STAUERN	100 pallets/hour

Optional extras



Artificial vision

The Quality-Vision system enables high-speed 360° inspection of unorientated bottles, jars and other cylindrical containers.



Checkweigher

Improve final product quality with our Quality-Check end-of-line checkweigher.



Trolleys

Fully-autonomous pallet transportation with capacity for one, two or more loaded or empty pallets.



Conveyor belts

Design and supply of conveyor belt lines, electrical equipment and line control software.



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