

# End-of-Line Specialist

Turnkey and single machines



PRODUCT CATALOGUE

Machinery, Robotics, Automation & Vision

# END-OF-LINE SPECIALIST

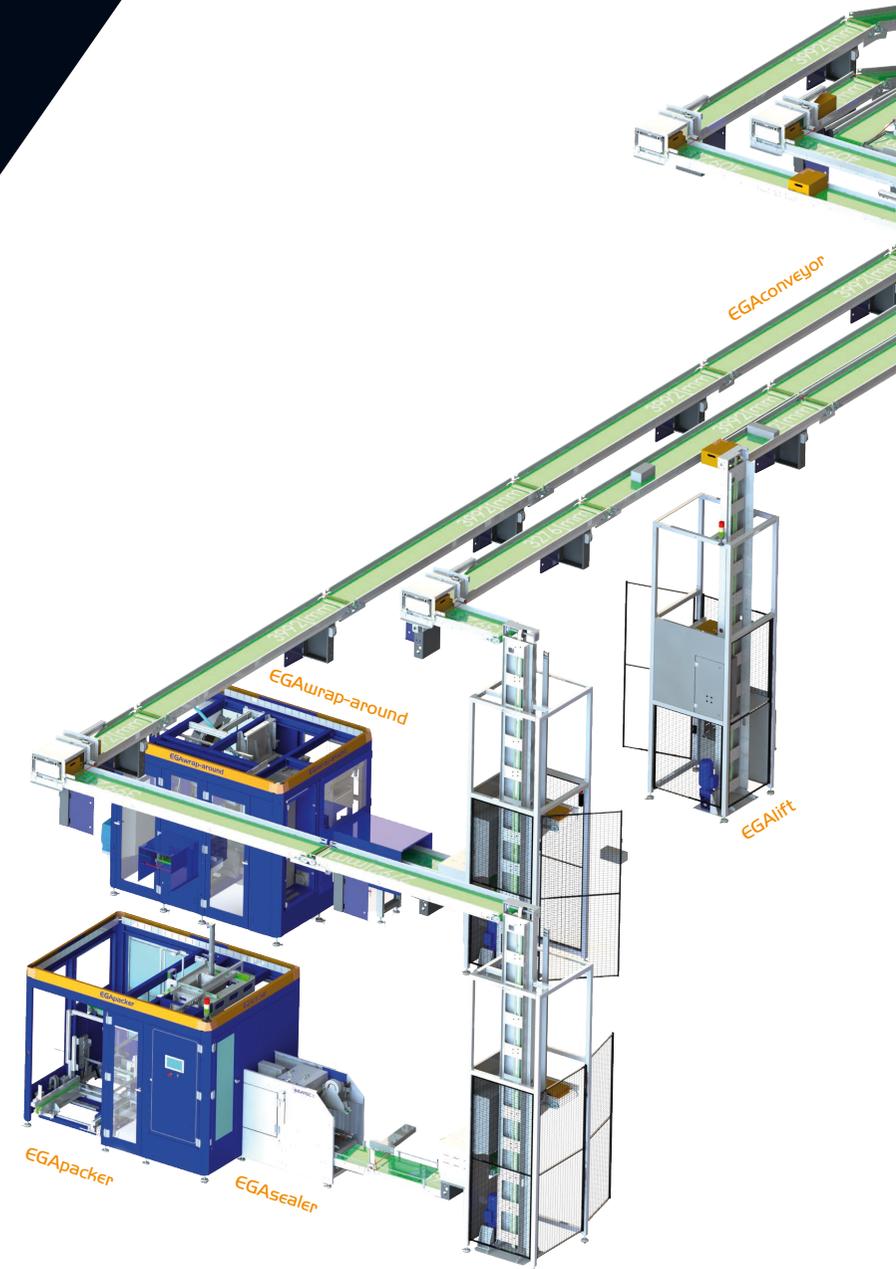
## Machinery, Robotics, Automation & Vision

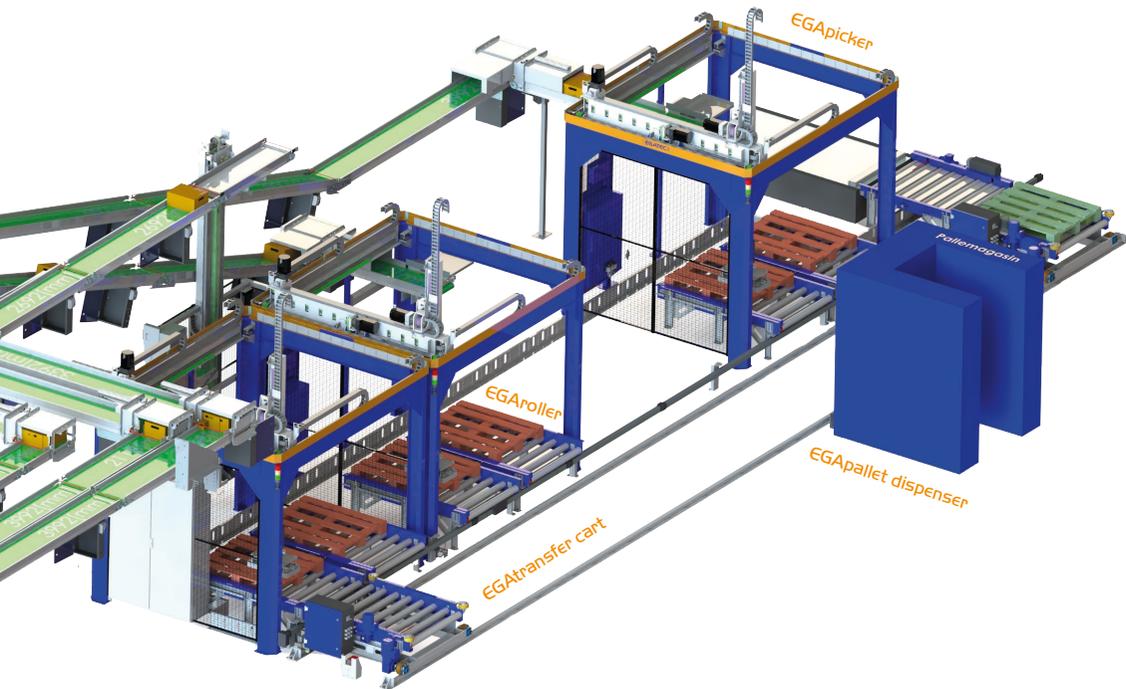
We are specialists in end-of-line solutions, as well as handling & package solutions that integrate machines, robots, automation & vision. We master all disciplines in-house in Denmark, where our assembly & test halls are also located.

EGATEC A/S offers a full program of automatic packaging machines, and complete Turnkey Packaging Solutions, for a wide array of functions and products.

Since 2003, we have delivered more than 350 automation solutions.

- Standalone and complete turnkey solutions
- Compact and robust machinery integrating robotics, automation and vision.
- Thoroughly tested packaging machines
- Developed, engineered, manufactured inhouse in Odense Denmark
- Solutions ready for industry 4.0
- Remote access available for all automation solutions
- Full service team





# Standalone and turnkey solutions

EGATEC machine series offer a modular and compact solution for End Of Line. Our solution within packaging, palletizing and internal transportation can be used for every application – Both standalone and turn-key. All solutions are bound together by a high degree of automation and linecontrol. EGATEC houses all engineering disciplines as well as workshop and testing facilities.



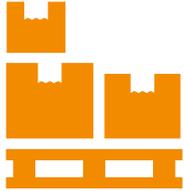
## HANDLING

The competitive series within internal transport offer robust and compact solutions, ensuring long life and no maintenance. All standard modules are specially adapted to each application providing fast and safe transportation.



## PACKAGING

The full range of packaging machines provide professional packaging solutions that are reliable and require minimum of maintenance. The modular system makes it easy to adapt our standard solutions to your individual needs and requirements.



## PALLETIZING

The palletizing solutions ensure fast, secure and efficient palletizing no matter how small or large your application is. The solutions offloads employees regarding repetitive work and simultaneously protects from heavy and awkward lifts.

# END-OF-LINE SOLUTIONS - FOR ALL INDUSTRIES

## CARTON ERECTORS



## DISPENSERS



## SECONDARY CASE PACKAGING



## PACKAGING



## SEALER



# END-OF-LINE SOLUTIONS - FOR ALL INDUSTRIES

## PALLETIZING



## INTERNAL TRANSPORTATION



## AGV



## ROBOTICS





# EGAcase erector

- automatic case forming



## FEATURES

EGAcase erector stores, opens, folds and glues all foldable carton boxes suitable for automatic machinery handling eg. all FEFCO types of Fefco 0200 and 0201

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Hot melt glue or tape
- Painted mild steel or stainless steel
- Cardboard magazine with driven belts
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



Cardboard magazine

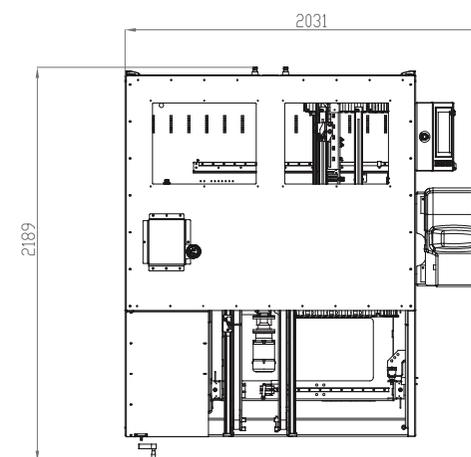
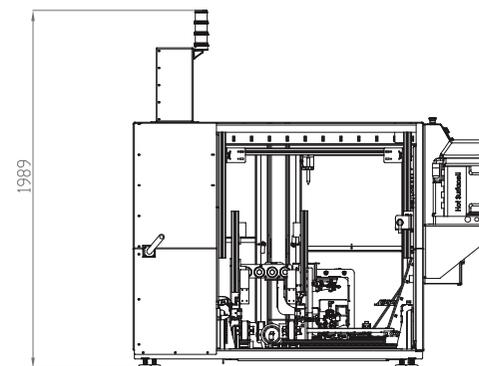


Box outlet



## SPECIFICATIONS

Dimensions (L x W x H)	2030x2200x2000 mm (without the tunnel guard)
Weight	approx. 1.000 kg
Box sizes (L x W x H) (other sizes available)	Min. 100x130x180 mm Max. 450x315x300 mm
Bottom sealing	Hot melt or tape
Changeover time	Max 10 minutes
Cardboard magazine length	Customizable
Capacity	Up to 15 boxes/min. (Depending on box type)





# EGAtray erector

- automatic tray forming with glue



## FEATURES

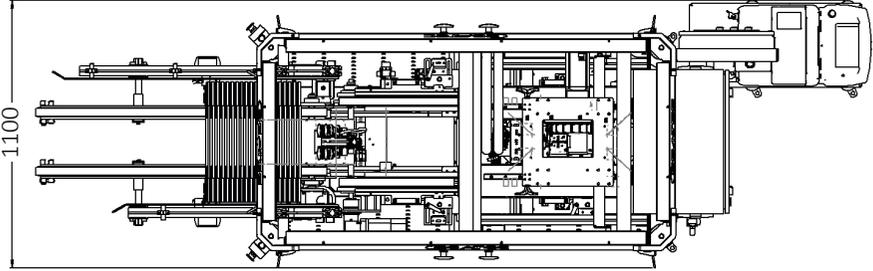
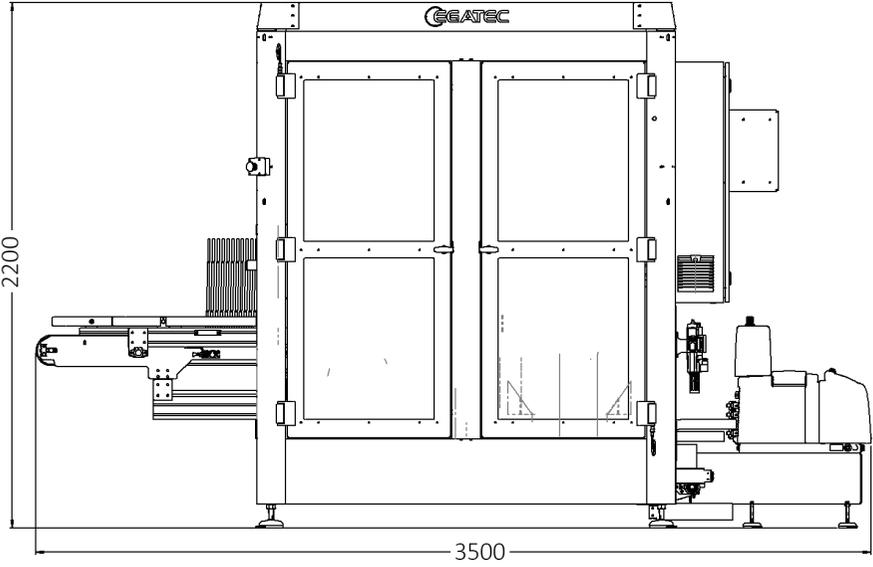
EGAtray erector is an automatic tray former that stores, folds and glues all foldable carton trays suitable for automatic machinery handling eg. all FEFCO types of Fefco 0452 and 0453 and similar.

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Hot melt glue system
- Painted mild steel or stainless steel
- Cardboard magazine with driven belts
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



## SPECIFICATIONS

Dimensions (L x W x H)	3500x1100x2200 mm.
Weight	approx. 700 kg.
Standard Box sizes (L x W x H) (other sizes available)	Min. 180x100x80 mm Max. 600x400x250 mm
Bottom sealing	Hot melt
Changeover time	Max 5 minutes
Cardboard magazine length	Customizable
Capacity	Up to 15 boxes/min. (Depending on box type)



Carton inlet



Box Exit



## EGAtray erector

- for self-locking tray



### FEATURES

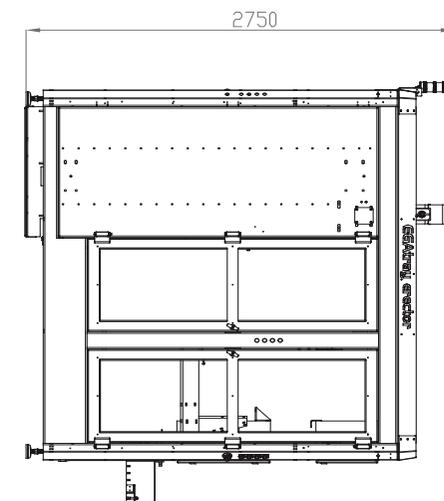
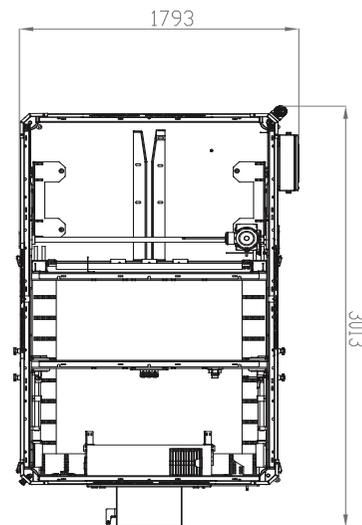
EGAtray erector is an automatic tray former that stores and folds all foldable carton trays suitable for automatic machinery handling eg. all FEFCO types of Fefco 0454 and 0455 and similar.

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Cardboard magazine with changeable trolleys
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



## SPECIFICATIONS

Dimensions (L x W x H)	2700 x 1800 x 2900 mm
Weight	approx. 2.500 kg
Tray sizes (mm) (Other sizes available)	Width from 200 to 600 Length from 200 to 400 Height from 85 to 210
Sealing of the tray	Self-locking trays
Changeover time	approx. 10 minutes
Cardboard magazine height	1300 mm
Capacity	Up to 15 boxes/min. (Depending on box type)



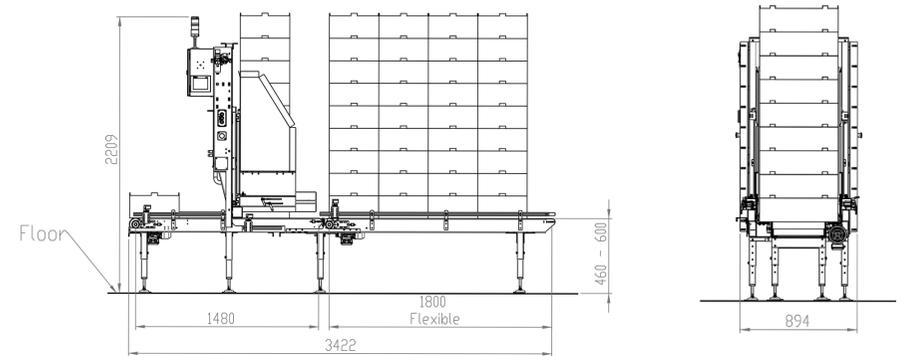


## Carton De-stacker



### FEATURES

- Fully automatic destacker
- Painted mild steel or stainless steel
- Compatible with a variety of carton trays and boxes
- Multiple columns of trays can be placed on the feeding belt
- Buffer belt length is customizable
- Adjustable between short side and long side leading
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0

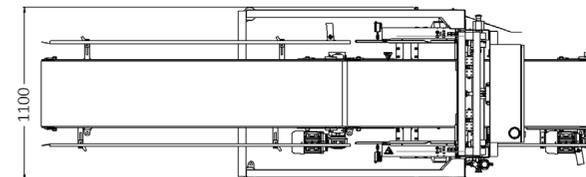
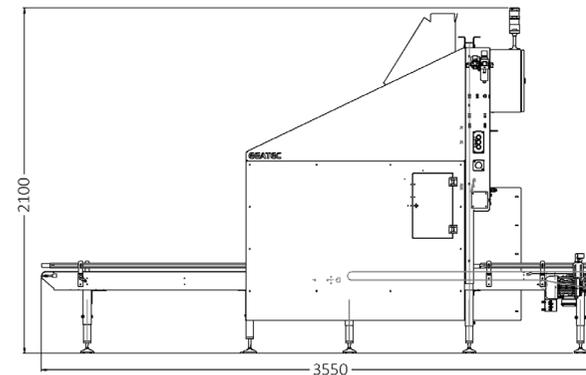


## Box De-stacker



### FEATURES

- Designed for destacking stackable, foldable, reusable plastic crate, RPC boxes and nested trays
- Painted mild steel or stainless steel
- Denester with customizable buffer length with ability to stack several columns.
- Adjustable between long side and short side leading.
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



## SECONDARY PACKAGING FOR OPEN TRAYS

Case packers particularly suitable for the food industry. Successfully automate the process of moving product from packing machine to transport container. The small footprint of these machines makes it particularly interesting to make a direct switch from rotary turn tables to automated casepacking

- Compact footprint
- High capacity and precision
- Made in Odense, Denmark
- Easy integration- Plug & Play
- Highly competitive pricing
- Low maintenance costs





## PACKAGING



BD606



PCI21



PDS90



TV80



BD606-I5



RobotPacker

Product	BD606	PCI21	PDS90	TV80	BD606-I5	RobotPacker
Punnets 		✓	✓	✓		✓
Clamshells 		✓	✓			✓
Bags, net etc. 	✓				✓	✓
Topsealed & vaccum 		✓	✓	✓		✓
<b>Trays / boxes (plastic or cardboard)</b>						
Open 	✓	✓	✓	✓	✓	✓
With flaps 	✓		✓		✓	✓
Box 	✓			✓	✓	✓

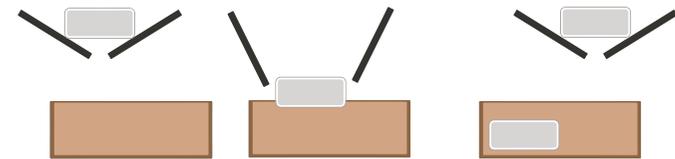
Trays/boxes max size (LxWxH)  
600x400x250mm  
400x300x250mm



# Case packer **BD606**



## PACKAGING SYSTEM BAG DROP 5 KG



## FEATURES

### Packaging system:

Bag Drop into open boxes by dropping the product in the desired position. The cassette is moved from side to side to achieve different patterns. Double infeed conveyor makes it possible to orient the products before the drop. It is possible to drop multiple products at once. Empty boxes are automatically feed to the filling position underneath the drop system

**Products:** All types of bags up to 5 kg. Carry fresh, tubular net, block bottom, PE or PP pillow etc.

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with adjustable rails
- Painted mild steel or stainless steel
- Empty box infeed from all directions
- Full box outfeed to all directions
- Lifting system for gentle drop
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0

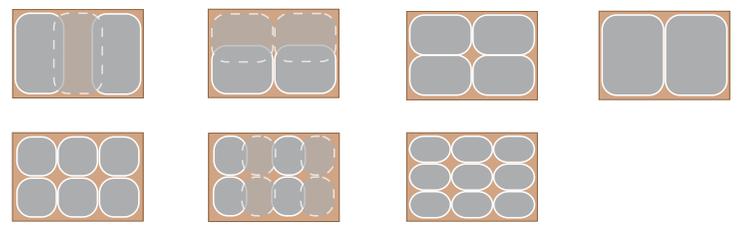
**Please note:** BD606 is equipped to handle maximum 5 kg bags. BD606-15 can handle products up to 15 kg.



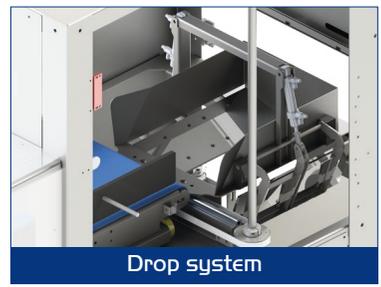
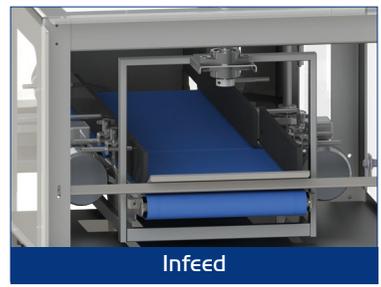
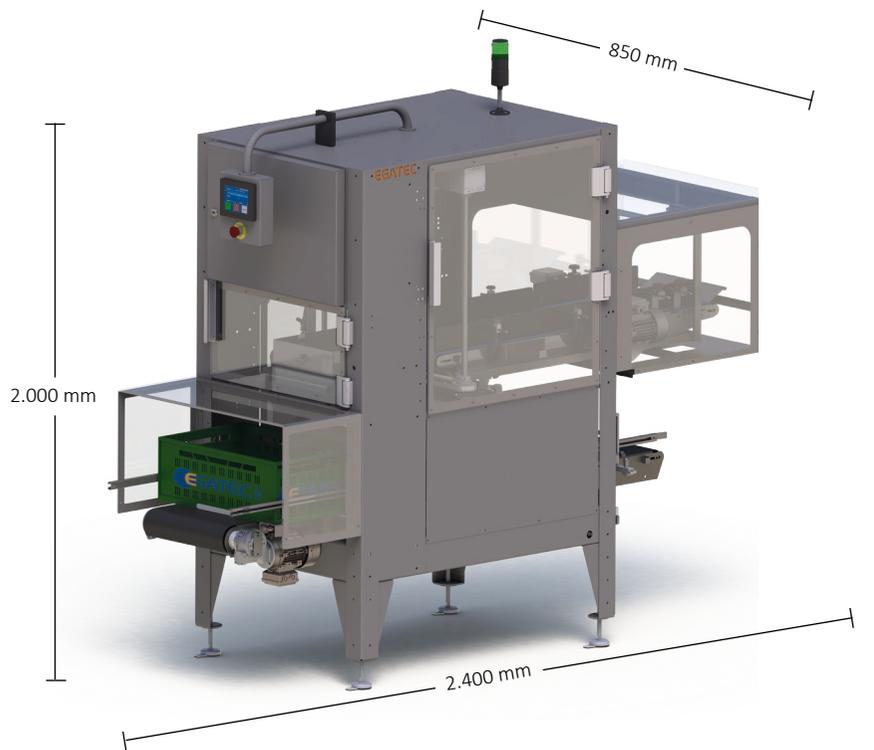
## SPECIFICATIONS

<b>Capacity</b>	Up to 80 bags/minute (Depending on product weight and size.)
<b>Box size</b>	Max 600x400x250 / Min 300x400x90
<b>Dimensions (LxWxH)</b>	2.400 x 850 x 2.000 mm
<b>Pattern memory</b>	99 unique recipes

## PACKAGING PATTERN



*The pattern depends on the product*

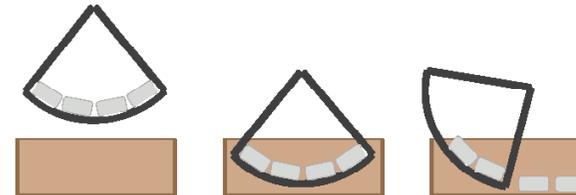




# Case packer PCI21



## PACKAGING SYSTEM PARABOLIC CHUTE



## FEATURES

### Packaging system:

Places products in open boxes by pushing them out of a Parabolic Chute that gently rotates in the box. This means the products are handled with as much care as possible. The product is not exposed to any drop, suction or other external forces. Packaging like this, is as gentle as hand packed.

**Products:** All types of punnets- flowwrapped, stretchwrapped, netwrapped, clamshells etc.

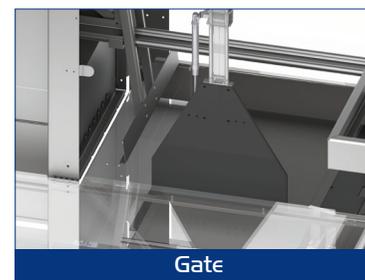
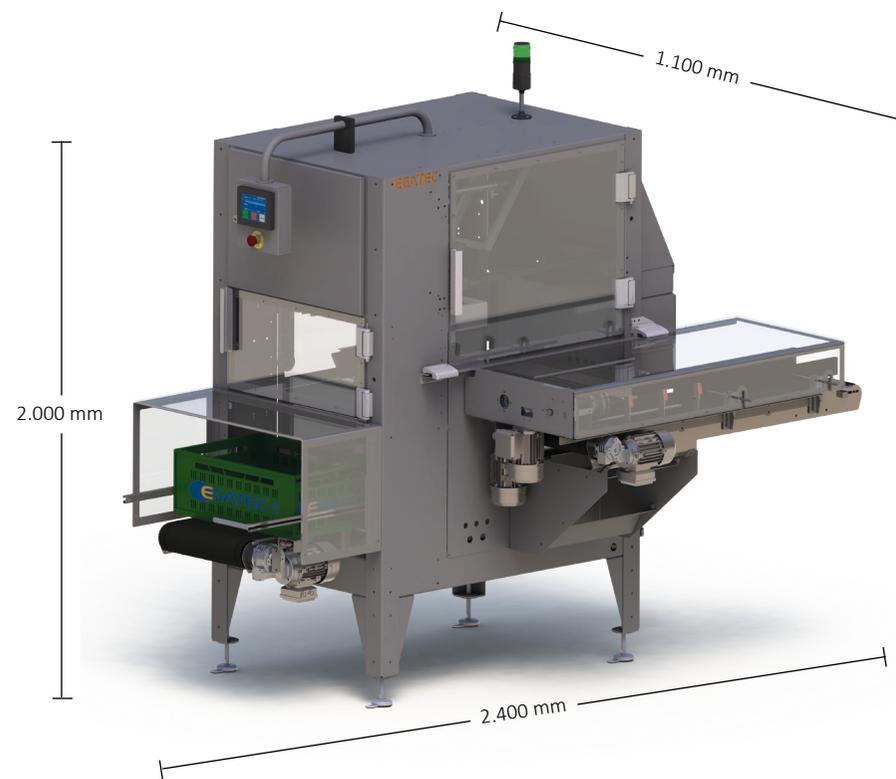
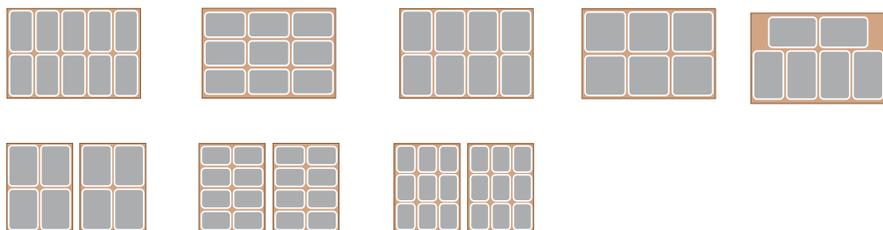
- Fast changeover system with adjustable rails
- Painted mild steel or stainless steel
- Empty box infeed from all directions
- Full box outfeed to all directions
- Rotating system for gentle drop
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0



## SPECIFICATIONS

<b>Capacity</b>	Up to 80 bags/minute (Depending on product weight and size.)
<b>Box size</b>	Max 600x400x250 / Min 300x400x90
<b>Dimensions(LxWxH)</b>	2.400 x 1.100 x 2.000 mm
<b>Pattern memory</b>	99 unique recipes

## PACKAGING PATTERN

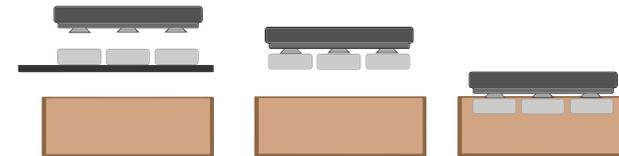




# Case packer TV80



## PACKAGING SYSTEM VACUUM



## FEATURES

### Packaging system:

The products are lifted by the means of suction cups and are placed down in a box. This means the products can get into very narrow boxes as the tool is on top of the product.

**Products:** All types of top sealed and vacuum packed products.

- Fast changeover system with adjustable rails
- Painted mild steel or stainless steel
- Empty box infeed from all directions
- Full box outfeed to all directions
- Rotating system for gentle drop
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0



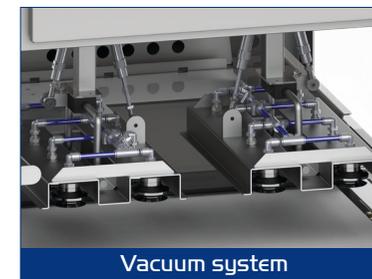
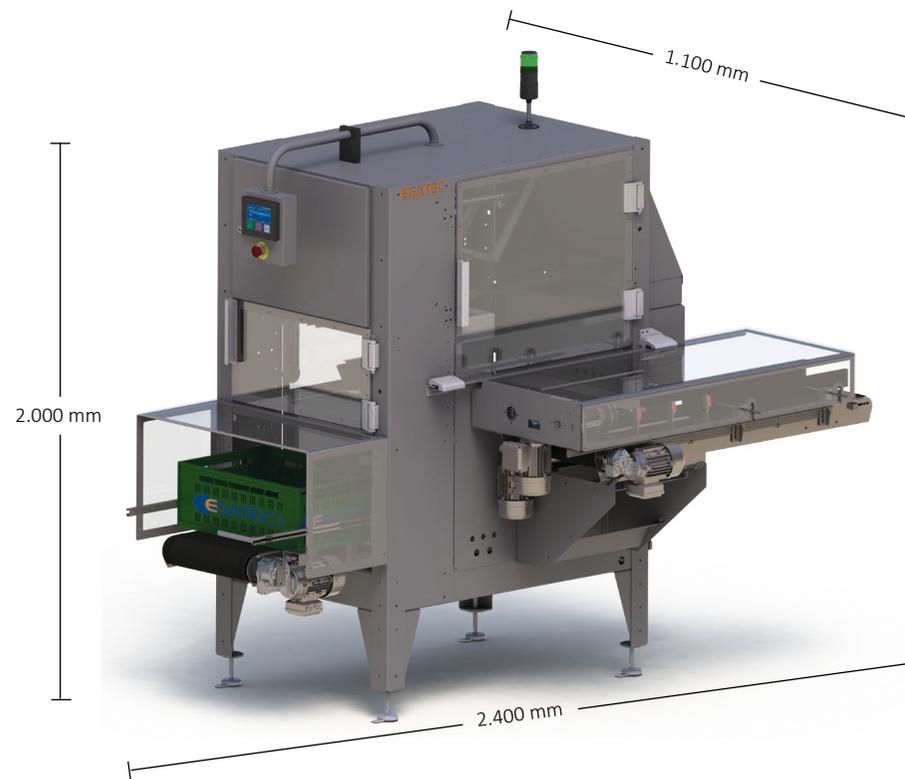
## SPECIFICATIONS

<b>Capacity</b>	Up to 80 bags/minute (Depending on product weight and size.)
<b>Box size</b>	Max 600x400x250 / Min 300x400x90
<b>Dimensions(LxWxH)</b>	2.400 x 1.100 x 2.000 mm
<b>Pattern memory</b>	99 unique recipes

## PACKAGING PATTERN

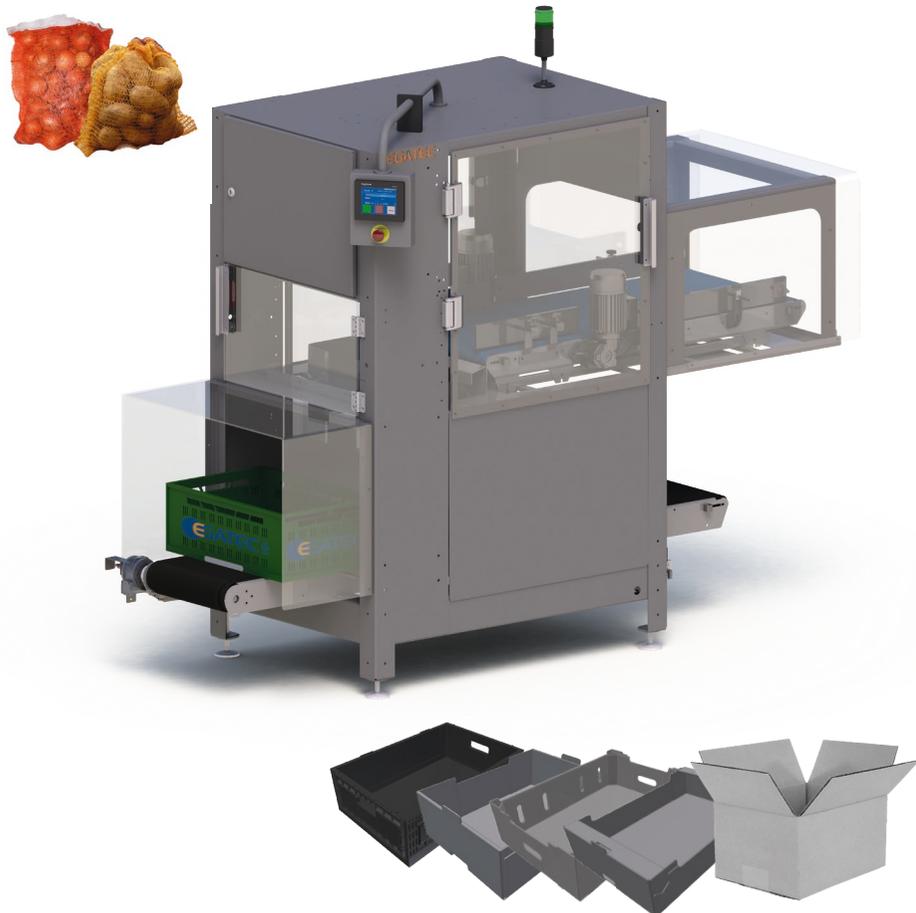


For more packaging pattern for open trays, see PC121

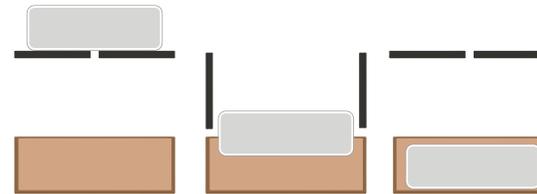




# Case packer **BD606-15**



## PACKAGING SYSTEM BAG DROP 15 KG



## FEATURES

### Packaging system:

Packs the product into open boxes by dropping the product in the desired position. The cassette is stationary. It is possible to drop multiple products at once.

**Products:** All types of bags up to 15 kg. Carry fresh, tubular net, block bottom, PE or PP Pillow etc.

- Carry fresh, tubular net, block bottom, PE or PP Pillow etc.
- Fast changeover system with adjustable rails
- Painted mild steel or stainless steel
- Empty box infeed from all directions
- Full box outfeed to all directions
- Rotating system for gentle drop
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0

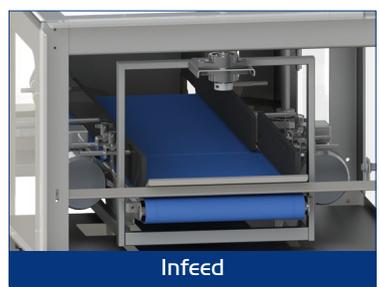
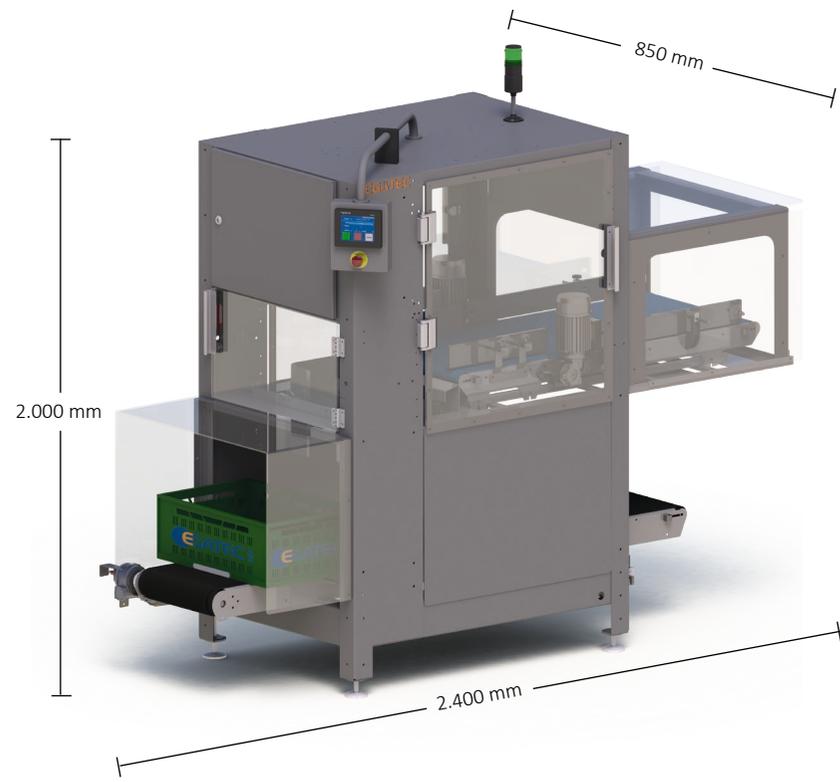
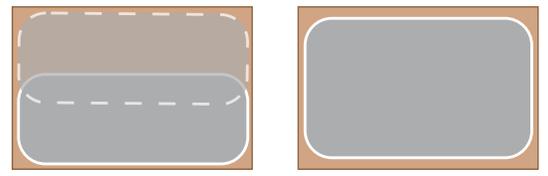
**Please note:** BD606-15 can handle products up to 15 kg. BD606 is equipped to handle maximum 5 kg bags.



## SPECIFICATIONS

<b>Capacity</b>	Up to 40 bags/minute (Depending on product weight and size.)
<b>Box size</b>	Max 600x400x250 / Min 300x400x90
<b>Dimensions(LxWxH)</b>	2.400 x 850 x 2.000 mm
<b>Pattern memory</b>	99 unique recipes

## PACKAGING PATTERN



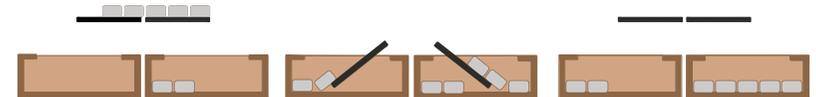


# Case packer PDS90

Packaging system: Parallel double slide



## PACKAGING SYSTEM BAG DROP 15 KG



## FEATURES

### Packaging system:

The products are placed on sliding plates that are lowered down into the box, whereby the product gently slides into the box underneath the top edge. When the sliding plates are lowered into the box, the products are helped by plastic plates to get completely into the box.

**Products:** All types of punnets- flowwrapped, stretchwrapped, netwrapped, clamshells etc.

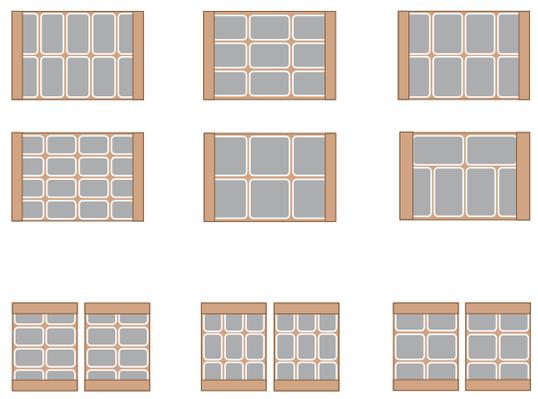
- Fast changeover system with adjustable rails
- Painted mild steel or stainless steel
- Empty box infeed from all directions
- Full box outfeed to all directions
- Rotating system for gentle drop
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0



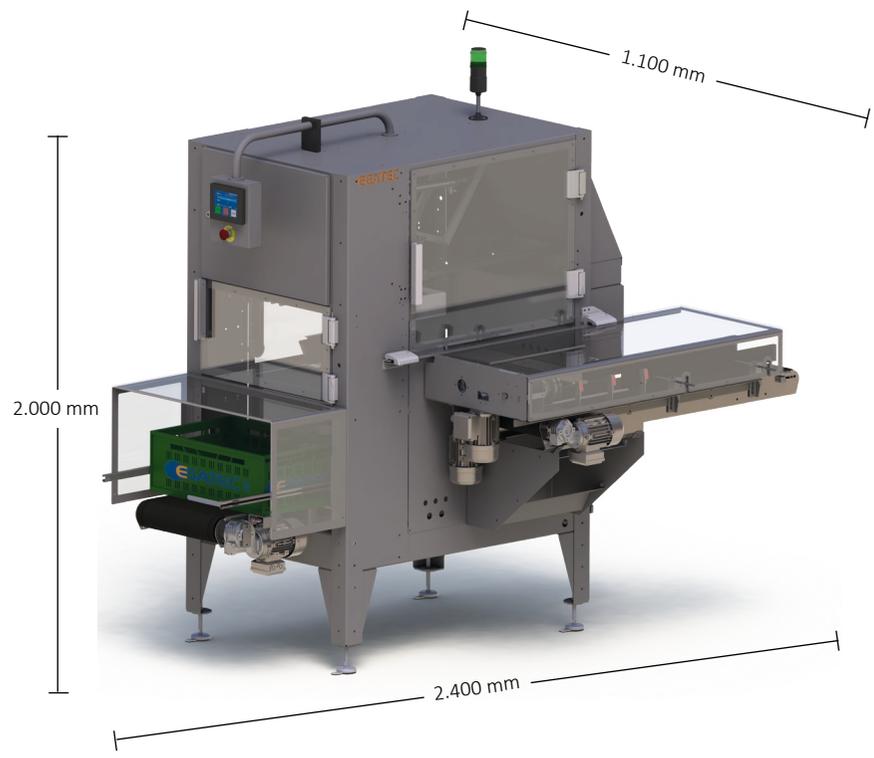
## SPECIFICATIONS

<b>Capacity</b>	Up to 80 bags/minute Depending on product weight and size.
<b>Box size</b>	Max 600x400x250 / Min 300x400x90
<b>Dimensions(LxWxH)</b>	2.400 x 1.100 x 2.000 mm
<b>Pattern memory</b>	99 unique recipe

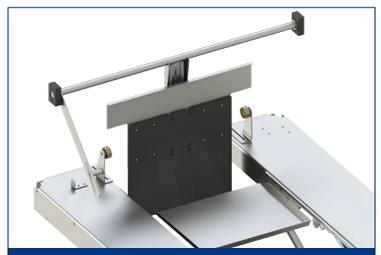
## PACKAGING PATTERN



For packaging pattern for open trays, see PC121



Conveyor



Tilting system



# EGApacker

- the efficient packaging robot



## FEATURES

EGApacker is a fully automated packaging robot that can be customized to all needs. The product tool can use either gripping, vacuum or a combination to gently handle the product.

At the same time it stores, opens, folds and tapes or glues all foldable carton boxes suitable for automatic machinery handling eg. all FEFCO types of Fefco 0200 and 0201.

- Dimensions, inlet and outlet can be customized. Small footprint
- Fast automatic changeover system with either adjustable rails or format tool
- Hot melt glue or tape
- Painted mild steel or stainless steel
- Cardboard magazine with driven belts
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



Cardboard magazine



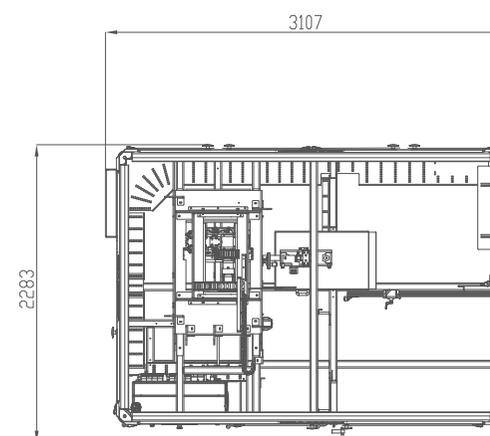
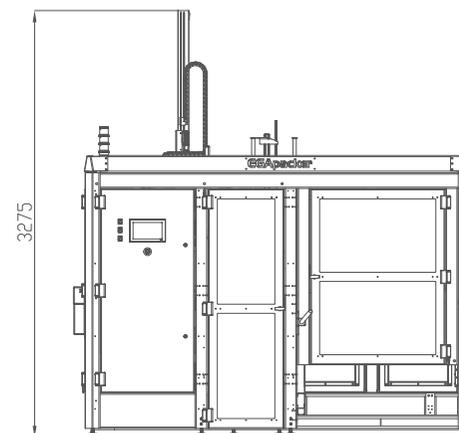
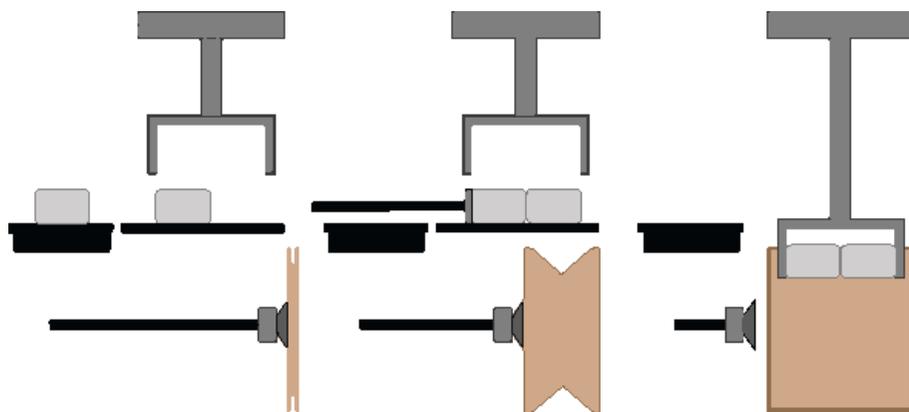
Product tool



## SPECIFICATIONS

<b>Dimensions (L x W x H)</b>	3100x2300x3300 mm
<b>Weight</b>	1.500 kg
<b>Box size (L x W x H)</b>	Min: 180x130x100 mm / Max: 600x400x350 mm
<b>Inlet &amp; outlet conveyor</b>	Length, width and height can be customized
<b>Product weight</b>	Max. 20 kg. Larger on request.
<b>Bottom sealing of box</b>	Tape or glue
<b>Cardboard magazine length</b>	Customizable
<b>Capacity</b>	Up 15 boxes/min

## PACKAGING SYSTEM





# EGAwrap-around

- flexible wrap around case packer



## FEATURES

EGAwrap-around takes product from the production line, packs them into the desired patterns before folding, wrapping and gluing the box around. The machine is suitable for all foldable carton boxes suitable for automatic machinery handling eg. all FEFCO types of 0400 folder box series.

- Dimensions, inlet and outlet can be customized. Small footprint
- Fast automatic changeover system with either adjustable rails or format tool
- Hot melt glue or tape
- Painted mild steel or stainless steel
- Cardboard magazine with driven belts
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available-Ready for industry 4.0



Cardboard magazine

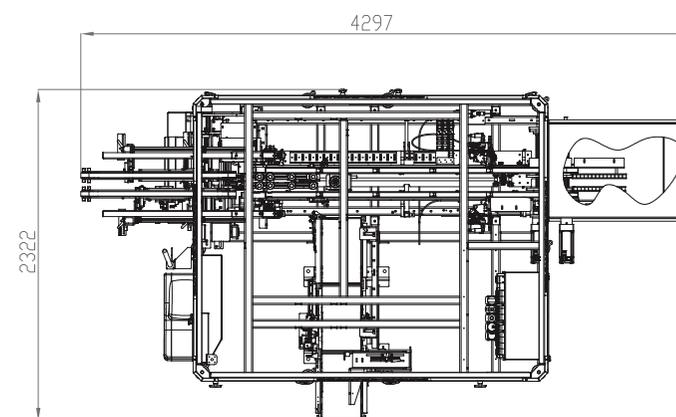
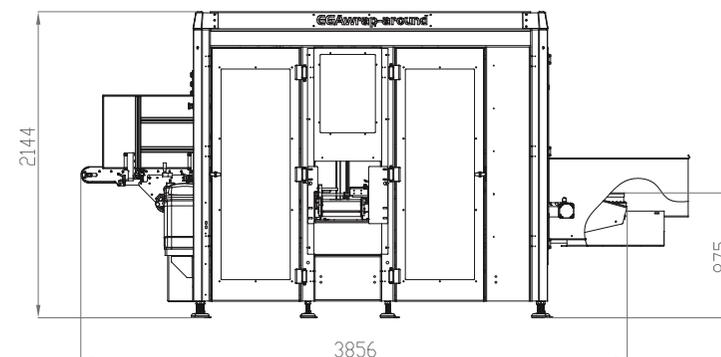


Infeed

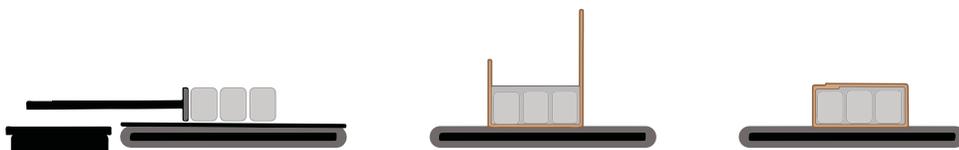


## SPECIFICATIONS

<b>Dimensions (L x W x H)</b>	4300 x 2300 x 2150 mm (Depending on application)
<b>Weight</b>	Approx. 2.500 kg
<b>Box size (mm)</b> (Other sizes available)	Box width from 60 to +250 mm Box length from 180 to +400 mm Box length from 180 to 400 Box height from 55 to +220 mm
<b>Product type</b>	Glass jar, canned food, Pet food, topsealed trays, bottles etc.
<b>Sealing of box</b>	Hot melt adhesives (HMA) hot melt glue
<b>Product weight</b>	Depending on the product
<b>Changeover time</b>	Approx. 10 minutes
<b>Cardboard magazine length</b>	Customizable
<b>Capacity</b>	Up to 15 boxes/min



## PACKAGING SYSTEM



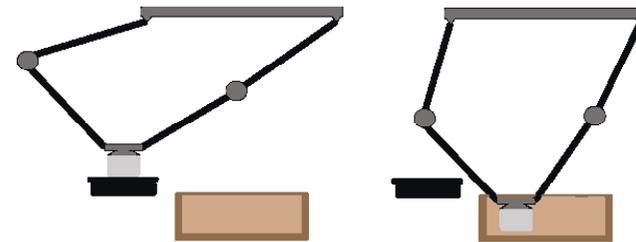


# Robot Packer RP

Packaging system: robotic arms



## PACKAGING SYSTEM



## FEATURES

EGA Robot packer places products into retail crates and trays using a number of robotic arms at high speed and high accuracy. A vision camera ensures utmost precision in placing the product precisely into the box. The product is handled gently through the entire process and is either moved using vacuum, gripper or a combination tool.

Our list of robots includes articulated arm, delta and scara solutions. Solutions are provided with 4, 5 or 6 degrees of freedom depending on application. The EGA robot packer is the most gentle solution for packing products that require minimum handling and the most sensitive touch.

This solutions is applicable for both primary and secondary handling and packaging.

- Dimensions, inlet and outlet can be customized. Small footprint
- Fast automatic changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0

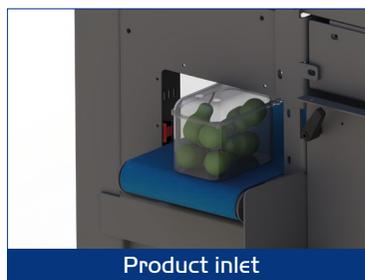


## SPECIFICATIONS

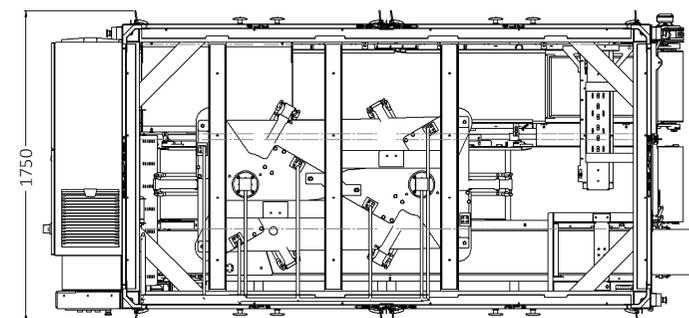
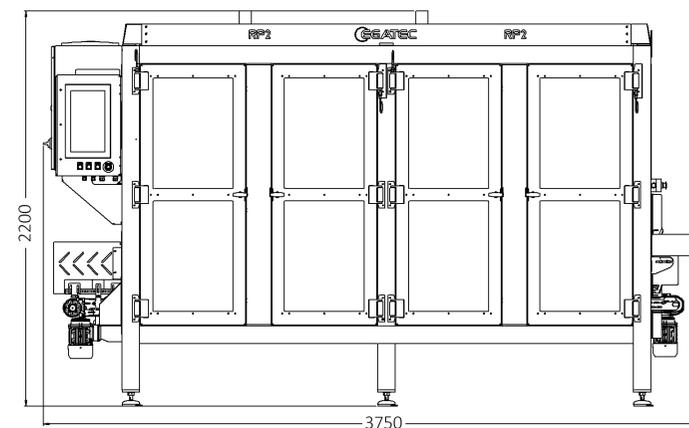
<b>Dimensions (L x W x H)</b>	3750 x 1750 x 2200 mm (Depending on application)
<b>Weight</b>	Approx. 2.500 kg
<b>Box types</b>	Customizable for all standard retail trays and crates including FEFCO cardboard boxes
<b>Product type</b>	Bags, nets trays, punnets, topsealed, flowpacked and clamshell. (Primary packing on request- Food and Non-food)
<b>Product weight</b>	Depending on product size and robot type.
<b>Changeover time</b>	Less than 5 minutes
<b>Capacity</b>	Depending on robot type and product. eg. system with 1 x Vision & 2 x Delta robots tested at 120 products/min.



Box in/outlet



Product inlet





# Balearm closer



## FEATURES

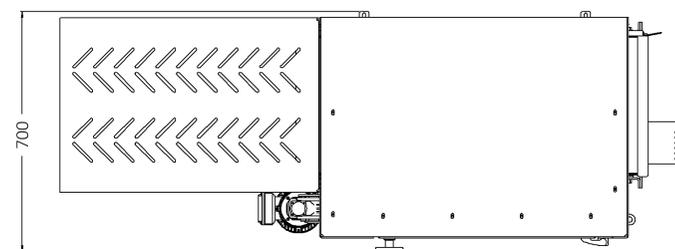
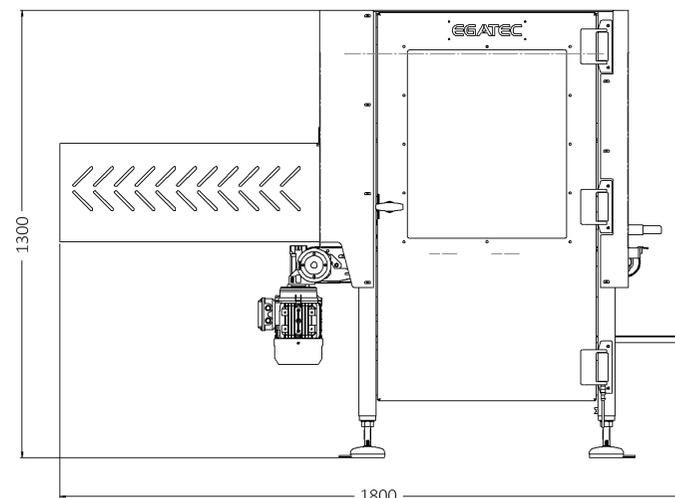
EGAbalearm closer closes all types of balearms on nested trays, srs crates, balearm trays and similar. The solutions uses a combination of pneumatic and servo drive to ensure a precise closing of all tray types.

- Dimensions, inlet and outlet can be customized. Small footprint
- Can be delivered as a single machine or mounted on existing equipment.
- Fast automatic changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0



## SPECIFICATIONS

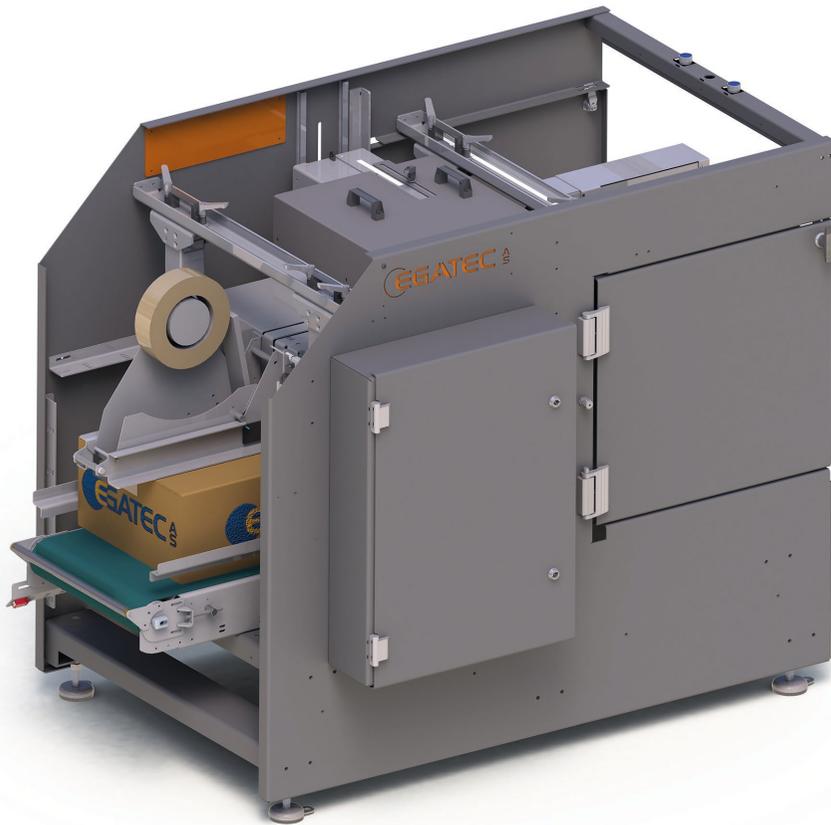
<b>Dimensions</b>	(L x W x H) 1800 x 700 x 1300 mm (Depending on application)
<b>Weight</b>	Approx. 200 kg
<b>Box types</b>	Customizable for all standard balearm trays
<b>Changeover time</b>	Less than 5 minutes
<b>Capacity</b>	Up to 18 boxes/minute for a standard configuration





# EGAscaler

- reliable case sealer

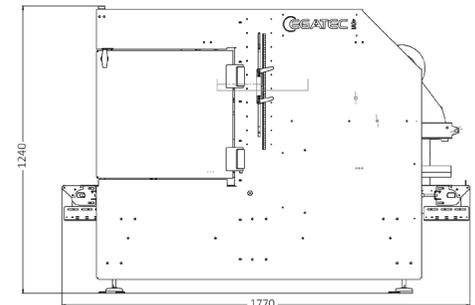


## FEATURES

EGAscaler closes and tapes or glues all foldable carton boxes suitable for automatic machinery handling eg. all FEFCO types of Fefco 0200 and 0201

- Can handle variations in boxes
- Closes and seals up to 12 boxes/min.
- Can handle inconsistent quality of cardboard
- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Hot melt glue or tape
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
- Remote access and service available - Ready for industry 4.0

EGAscaler with hot melt glue:



## CASE STORY - Mac Baren Tobacco Company A/S



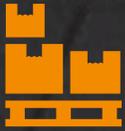
### **Complete packaging and palletizing solution with 2 packaging lines connected to a palletizing station**

*"We were looking for a packaging and palletizing solution that was compact, flexible and efficient in terms of both operation modes and machine adjustments in connection with our many product changeovers.*

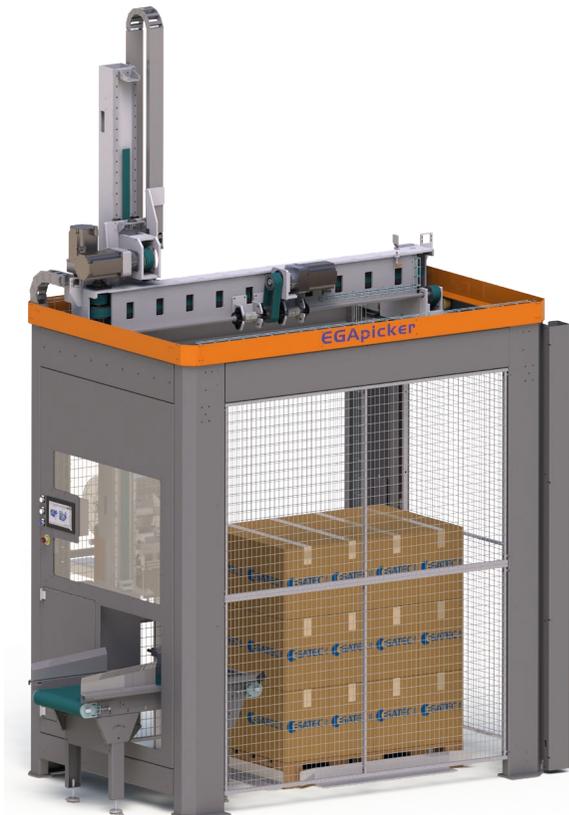
*18 months ago, we installed a similar solution from Egatec, which we, in principle, have copied with some improvements in the packaging machine (EGApacker) and case sealer. Due to layout reasons, we have also included a case lift as palletizing from both packaging lines are integrated into a single EGApicker.*

*The project process and cooperation with Egatec has been good throughout the entire process. Egatec's skills in machine building and our specific product and operations knowledge have resulted in really good solutions."*

**Thorbjørn Nielsen, teknisk chef**  
Mac Baren Tobacco Company A/S



## EGApicker - the flexible palletizing robot



### FEATURES

EGApicker palletizes all products onto EU, UK, US and internal pallets. The gripping tool can use either vacuum, gripper or a combination to place products precisely on the pallet.

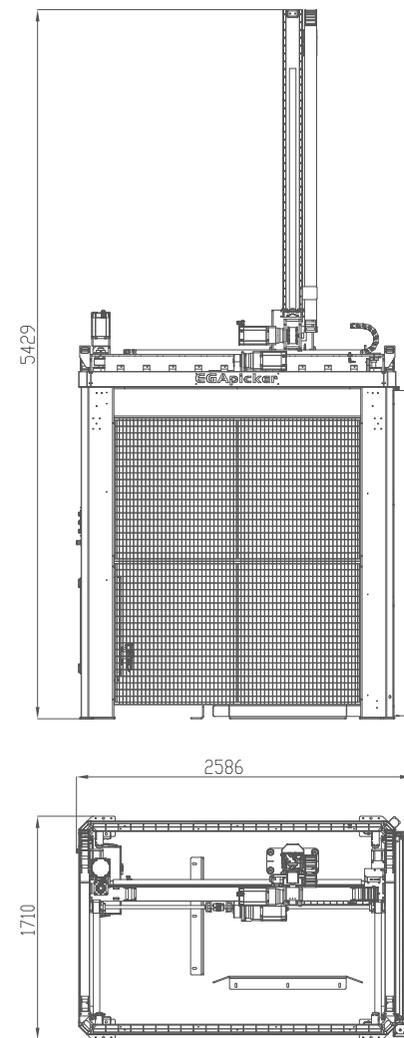
The plug and play palletizing robot can be modified for more than 12 palletizing stations, including pallet magazine, cardboard magazine, multiple robot heads and automatic pallet exchange. The lowrider version makes it possible to install the EGApicker in factories with very low ceilings. With the pattern generation software, it is possible for all operators to modify and change the palletizing pattern.

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
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## SPECIFICATIONS

<b>Dimensions (L X W)</b>	2.550 X 1.600 mm (base unit)
<b>Weight</b>	1.200 kg
<b>Axes (per robot head)</b>	4 (3 baseaxis X, Y, Z and rotation of head)
<b>Product weight</b>	max. 100 kg.
<b>Gripper head</b>	Vacuum, gripper or combinations
<b>Inlet conveyor</b>	Customizable type and dimensions
<b>Outlet track</b>	Customizable type and dimensions
<b>Pallet size</b>	800x1200 mm (Configurable)
<b>Load height</b>	2200 mm (Configurable)
<b>Capacity</b>	Depending on product type, size and tool



### Customized for your production:



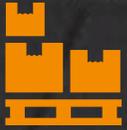
12m long EGApicker



Double palletizing with automatic pallet change and outfeed



Low rider version



# EGApallet dispenser

- adjustable pallet magazine



## FEATURES

EGApallet dispenser automatically dispenses EU, UK, US and internal pallets. The standard configuration contains 25 pallets depending on pallet size. Available as heavy duty design for large and heavy pallets. - +2000mm, +100kg. The pallet dispenser can be delivered with electrical or pneumatic handling system.

- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
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## CASE STORY - JESSEN EMBALLAGE



### **Palletizing robot for handling cardboard sheets**

*“The project has fully lived up to our goal of increased automation, and an improved working environment. The machine is easy to adapt to new formats and the control system is simple and logical – and only requires a short learning period for the operator.”*

*We are very pleased with the solution that meets our expectations 100%. The cooperation has been very positive and constructive. Egatec has been responsive to our everyday challenges with production of cardboard in all kinds of dimensions, and has produced a solution that takes care of this. The machine was delivered on time and meets the agreed service, in terms of both cycle time and downtime.”*

**Jan Drøssler, Managing Director**  
Jessen Emballage



## EGAlift

- vertical case elevator



### FEATURES

EGAlift moves any box to any elevation with the possibility to output the box in two directions while the motor ensures silent operation.

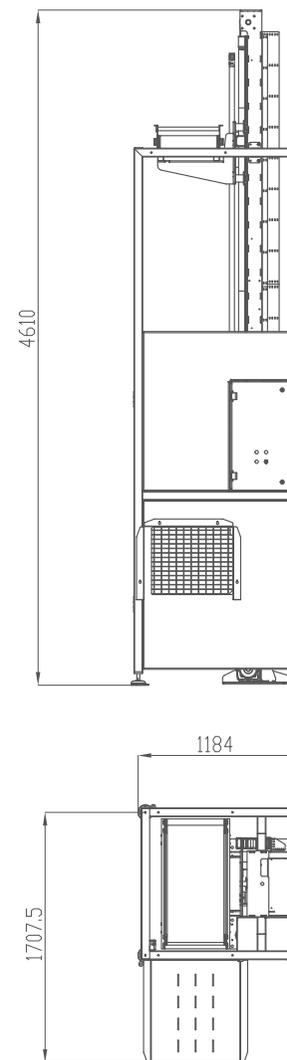
- Dimensions, inlet and outlet can be customized.
- Fast changeover system with either adjustable rails or format tool
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
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## SPECIFICATIONS

Dimensions (L x W x H)	1200x1700x4600 mm (Configurable)
Weight	300 kg
Case size (L x W x H)	Configurable
Capacity/cycle time	8 sec./lift
Product weight	Max. 50 kg.
Lifting height	2500 mm (Configurable)
Conveyor length	530 mm (Configurable)
Conveyor width	400 mm (Configurable)





## EGAconveyor/EGAroller

- efficient product flow



- driven roller conveyors



### FEATURES

EGAconveyor and EGAroller are a customizable internal transportation solution for moving boxes, pallets and primary products. The motors ensure silent operation and all units can be mounted with sideguides, sensors and different stop zones.

- Dimensions, inlet, outlet and inclination can be customized.
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
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# EGAttransfer cart

- flexible transportation



## FEATURES

EGAttransfer cart can pick up pallets or boxes from multiple stations, communicate wireless and transport at unlimited distance. Can independently activate undriven roller conveyors. Items can be picked up and delivered to both sides and the modular rail system, enables fast and simple expansion.

- Dimensions, inlet and outlet can be customized.
- Painted mild steel or stainless steel
- Either standalone unit with HMI and PLC or as part of bigger line control
- Machine components from renowned brands- worldwide availability
- Safe, robust, reliable and environment friendly solution
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Only one drive to an unlimited number of roller conveyors



# Agile 1500

- automated guided vehicle



Egatec is exclusive Comau Robotics Distributor in Denmark, Norway and Iceland.



## FEATURES

- High performance vehicle
- Best in class payload to size ratio
- Modular design
- Multipurpose applications can be implemented
- Multiple navigation systems are possible
- Complete re-configurability protects ROI and reduces TCO
- Full compatibility with other Kollmorgen-based AGV systems
- Intuitive programming interface
- Full connectivity and diagnostic
- 1500 kg payload

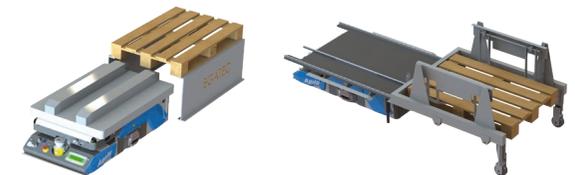
### Modules for Agile1500



Box integration



Pallet integration



Pallet lifting integration



# INDUSTRIAL ROBOTS

- Comau offer a wide range of industrial robots.

## FEATURES

- High performance in terms of speed, accuracy, repeatability and flexibility.
- Large and wide range— with payload from 3 to 650kg.
- Small footprint
- Precise movements and positioning
- Low maintenance costs.



RPS produces custommade protection covers for industrial robots



# PRODUCTION SOFTWARE

## EGA-log - real time production

Our web-based presentation tool EGALog monitors, collects and processes your production and consumption data so you get a complete overview of your own production.

How much does the machine produce? How many boxes are packaged and palletized? Has there been an error in production? What is the temperature in the room?

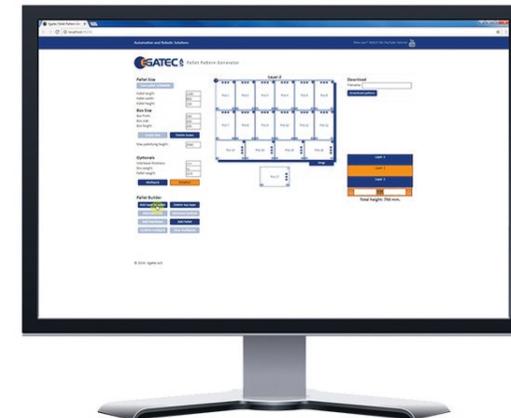
All data is securely stored in the cloud and is accessible through a browser at anytime and anywhere.



## Pallet Pattern Generator

An online program that easily and intuitively handles palletizing patterns in our palletizing robot EGApicker.

With drag & drop you can create patterns on a pallet which generate a file that can be read by EGApicker



CONTACT US FOR MORE INFORMATION ABOUT OUR SOLUTIONS

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# EGATEC WORLD WIDE

EGATEC A/S has a strong network of distributors around the world supplying our end-of-line solutions.

Our distributors have a professional profile targeted on the profession – matching our, and our customers', expectations to the solutions.

## We offer...

- A full program of automatic packaging machines, both standalone and complete Turnkey Packaging Solutions, for a wide array of functions and products.
- Solid built and thoroughly tested packaging machines that meet future challenges.
- A business partner with many years of experience. Since 2003, we have delivered more than 350 automation solutions.
- Specialists in end-of-line solutions, as well as handling & package solutions that integrate machines, robots, automation & vision. We master all disciplines in-house.

## BECOME EGATEC PARTNER

### We are looking for partners who...

- Have technical insight and are experienced in the integration of end-of-line solutions.
- Have experience selling end-of-line solutions
- Will be at our customers' disposal with respect to sales and services

**Do you meet the above criteria, we would love to hear from you  
Please give us a call at (+45) 63 15 20 60**





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