

packaging machines



PACKSERVE
LIMITED

Certified UK Partner

+44 (0)1254 760 123
sales@packserve.co.uk

www.packserve.co.uk



ENGLISH

COMPANY



optimized solutions
for PACKAGING



Mondo & Scaglione is based in Canelli, in the province of Asti, an area renowned for its excellent wines and the presence of many wine-making and mechanical companies.

The activity of **Mondo & Scaglione** began in 1969 and since 1993 the property is concentrated in the hands of the family Mondo. The company covers an area of 6000 square meters used in production, technical and commercial offices.

It's more than 40 years that we design and manufacture packaging machines entirely in our facility.

We are able to perform all work in our factory, from the design to the construction of parts, the assembly, the execution of the electrical and pneumatic wiring board, the line harness up to programming software.

Our technical department is highly trained and equipped with advanced equipment.

The goal is to be abreast with the times to serve in the best possible way our customers.



PRODUCTION



Project and design



Working



Production

We have a post-sale service quick and efficient and we ensure the ready availability and delivery of spare parts of all our equipment.

Mondo & Scaglione works closely with other firms manufacturing machines to complement its own, to provide customers around the world, **complete lines for bottling and packaging.**



The strength of **Mondo & Scaglione** is recognizable in its flexibility and ability to offer its customers any kind of solution to the problems of the sectors in which it operates (beverage, food, chemical, etc.) ensuring an excellent quality-price ratio.

Mondo & Scaglione's product range includes:

- Automatic or semi-automatic Depallettisers with a "pick-up" or "sweep-off" system;
- Case Erectors for "American" style cases or trays with bottom flaps closure by means of Hot Melt glue, adhesive tape, or with the simple bending of flaps;
- "BAG-IN-BOX" Erectors or Sealers;
- Inserters of solid card-board divisions;
- Case Packers into "American" style cases or WRAP-AROUND;
- Craters/ De-craters;
- Case sealers with top or/and bottom flaps closure by means of Hot Melt glue or adhesive tape;
- Packing Monoblock;
- Palletisers for "American" style cases or plastic crates, shrink-wrapped bundles and different types of packing;
- Automatic or semi-automatic pallet Wrappers with rotating arm or fixed arm;
- Robotized systems for packaging and/or palletisation.

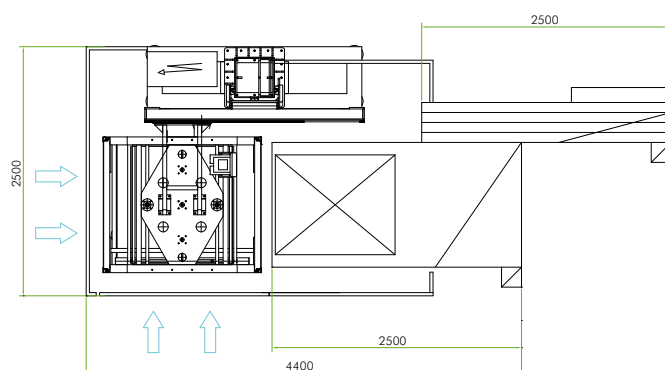
In addition, **Mondo & Scaglione** constructs:

- Elevators and "Lowerators" for bottles, cases, plastic crates, etc.;
- Bottles dividers from one to more rows;
- Conveyors for bottles, cases, plastic crates and pallets;
- In-boxing/De-boxing machines of bottles into box-pallet;
- Case turners;
- Electrical/electronic management for bottling and packaging lines.

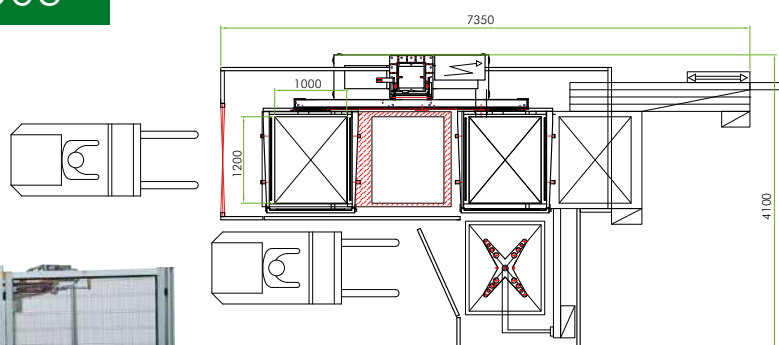


DEPALLETISERS

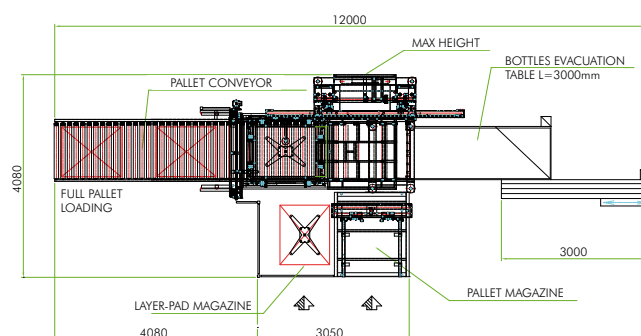
Mod. MS/DB



Mod. D/2006



Mod. D8/S



AUTOMATIC DEPALLETER MOD. "MS/DB - PICK-UP SYSTEM". Machine suitable to depalletise new bottles from pallets with overlapped layers, by means of a pick-up system.

Output	layer/min	1 (2.000÷10.000 bph)
Pallet conveyor	-	option
Pallet stacker	-	option
Automatic layer-pad remover	-	option
Power installed	Kw	5
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/min	80
Product out-feed height	mm	On demand
Pallet max height	mm	2300

FEATURES

- Manual pallet feeding by the operator, after film and layer-pad removal between the layers of bottles.
- Automatic cycle started by the operator.
- A manipulator with two axis, vertical/horizontal, with inflatable bars, picks up a complete layer of bottles and transfers it on the evacuation table. The vertical and horizontal translations are electromechanically controlled with linear guides that enable to transfer bottles from the pallet to the evacuation table.
- Centering basket electro-pneumatically controlled, included in the head, to center the layer to depalletise.
- Bottles evacuation table with stainless steel frame, adjustable supports, PVC feet, fixed speed drive.
- Four rows bottles lining system with different speeds and an automatic lining system; stainless steel frame, adjustable guides and PVC supports.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.
- Light barrier with photocells in the pallet and layer-pads manual loading/unloading area.

AUTOMATIC DEPALLETER MOD. "D/2006 - SWEEP OFF SYSTEM". Machine suitable to depalletise new bottles from overlapped layers transferring the complete layer with a horizontal and vertical movement electromechanically controlled.

Output	layer/min	1 (2.000÷10.000 bph)
Pallet conveyor	-	option
Pallet stacker	-	option
Automatic layer-pad remover	-	option
Power installed	Kw	5
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/min	100
Product out-feed height	mm	On demand
Pallet max height	mm	2300

FEATURES

- Pallet in-feed by a motorized rollers conveyor with bi-directional control, for the automatic advancement of the pallet to the Depalletiser or reverse motion if the pallet is not finished at the end of the cycle.
- Perimeter centering basket, electro-pneumatically controlled, to block the layer behind the one in work.
- Transfer of the layer of bottles to depalletise by a carriage with four keeping rails, from the pallet to an intermediate platform and then to the evacuation table. Head movement on two axis (vertical/horizontal) electromechanically controlled; motorizations managed by inverter and positioning managed by encoder.
- Bottles evacuation table with stainless steel frame, adjustable supports, PVC feet, acetal plastic chain, sensors to detect bottles presence and the overflow, fix speed motor.
- Lining system conveyor with different speed chains to make the lining easier. Stainless steel frame, adjustable rails, supports, acetal plastic chain, towing head, transmission head, variable speed motorization, sensors to detect a positive alignment and the overflow.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.
- Light barrier with photocells in the pallet and layer-pads manual loading/unloading area.

AUTOMATIC DEPALLETER MOD. "D8/S - SWEEP-OFF SYSTEM". Machine suitable to depalletise new bottles from pallets with overlapped layers by means of an electro-mechanic movement.

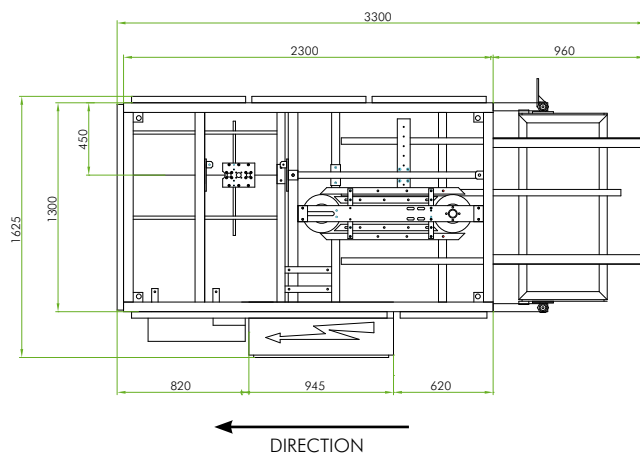
Output	layer/min	2 (6.000÷18.000 bph)
Pallet stacker	-	option
Automatic layer-pad remover	-	option
Power installed	Kw	4/5
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/min	50÷100
Product out-feed height	mm	600/2.000
Pallet max height	mm	2300

FEATURES

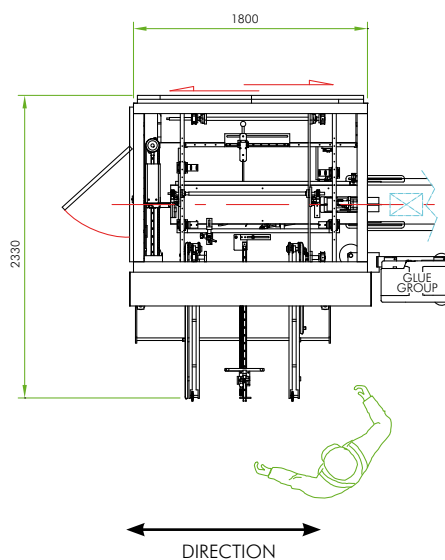
- Pallet in-feed by a motorized rollers conveyor with bi-directional control, for the automatic advancement of the pallet to the Depalletiser or reverse motion if the pallet is not finished at the end of the cycle.
- Perimeter centering basket, electro-pneumatically controlled, to block the layer behind the one in work.
- Transfer of the layer of bottles to depalletise by a carriage with four keeping rails, from the pallet to an intermediate platform and then to the evacuation table. Head movement on two axis (vertical/horizontal) electromechanically controlled; motorizations managed by inverter and positioning managed by encoder.
- Bottles evacuation table with stainless steel frame, adjustable supports, PVC feet, fixed speed drive.
- Four rows bottles lining system with different speeds controlled by inverter and automatic lining system; stainless steel frame, adjustable guides and PVC supports.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.
- Light barrier with "muting" system to enable the entrance of the pallet to be handled only.

CASE ERECTORS

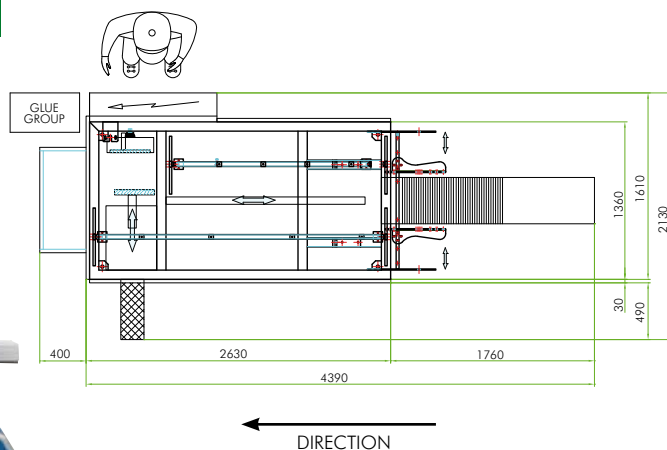
Mod. 376



Mod. 382/C

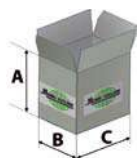


Mod. 378/C



AUTOMATIC CASE ERECTOR MOD. "376". Machine suitable to erect "American" style cases with bottom flaps closure by means of adhesive tape (mod.376/N) or Hot Melt glue (mod. 376/C).

Output	cpm	15/23
Case magazine capacity	n.	100/150
Power installed	kW	1,5 + glue group (3,5)
Working pressure	bar	5
Compressed air nipple	Dia	1/2
Air consumption	l/1'	80/100



CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	140	200
MAX	400	400	500

FEATURES

- Flat case magazine mounted horizontally on machine back center zone.
- Multifunction carriage able to pick-up, open and transfer the case with an electromechanical control.
- Automatic closure of lower short flaps electro-pneumatically controlled.
- Automatic closure of long flaps when case is moving.
- Taping unit (or glue group) for bottom case closure with adhesive tape (or Hot Melt glue).
- Control devices to detect case presence into magazine, during translation and the over-flow at the out-feed.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

AUTOMATIC CASE ERECTOR MOD. "382/C". Machine suitable to erect "American" style cases or BAG-IN-BOX with bottom flaps closure by means Hot Melt glue.

Output	cpm	14/20
Case magazine capacity	n.	100/150
Power installed	kW	1,5 + glue group (3,5)
Working pressure	bar	5
Compressed air nipple	Dia	1/2
Air consumption	l/1'	150



CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	150	200
MAX	350	300	450

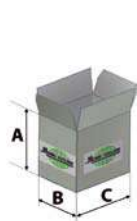
CASES	BIB DIMENSIONS (mm)		
	A	B	C
MIN	220	90	135

FEATURES

- Case magazine adjustable to different sizes.
- Case pick-up by means of suckers.
- An electro-pneumatically controlled system, picks up the case, opens it and transfers it to the glue distribution area.
- Case advancement electromechanically controlled with positioning managed by encoder and speed managed by Inverter.
- Automatic closure of lower short flaps.
- Case squaring device electro-pneumatically controlled.
- Long lower flaps closure and keeping during the automatic pressing.
- Glue distribution is enabled only with machine moving and at case presence.
- Bottom case pressing unit electro-pneumatically controlled.
- Checking device to detect case presence inside magazine, during translation and the overflow at machine out-feed.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

AUTOMATIC CASE ERECTOR MOD. "378/C". Machine suitable to erect "American" style cases or BAG-IN-BOX with bottom flaps closure by means Hot Melt glue.

Output	cph	25/42
Case magazine capacity	n.	200/300
Power installed	kW	2 + glue group (3,5)
Working pressure	bar	5/6
Compressed air nipple	Dia	1/2
Air consumption	l/1'	200/250



CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	140	200
MAX	400	400	500

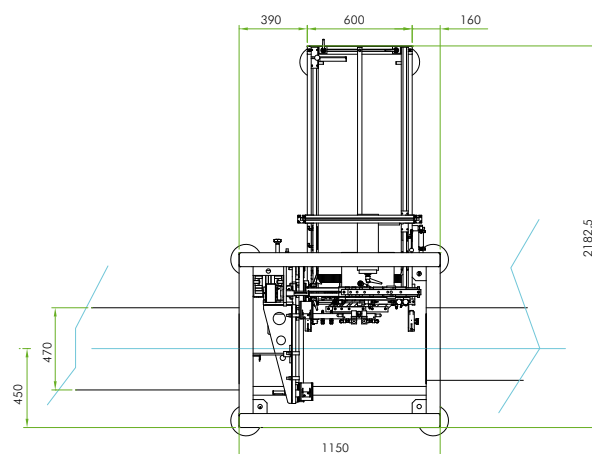
CASES	BIB DIMENSIONS (mm)		
	A	B	C
MIN	220	90	135

FEATURES

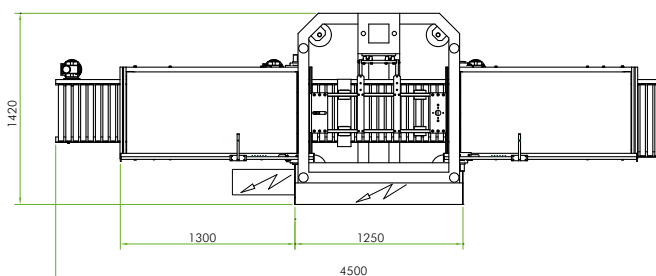
- Case magazine mounted on machine back center zone.
- Case pick-up from the magazine by means of a suckers system.
- Case transfer to the opening position, glue distribution, unloading of the ready case by a traveling carriage mounted on linear guides.
- Suckers positioning and lifting for bottom case blocking.
- Automatic case opening by means of suckers.
- Short flaps bending and automatic keeping.
- Glue distribution at case passage.
- Automatic system for case squaring during pressing.
- Long flaps closure and bottom pressing electro-pneumatically controlled.
- Case magazine and others parts adjustments by hand-wheels, handles and scales with numeration on all parts to be adjusted.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

DIVISIONS INSERTER

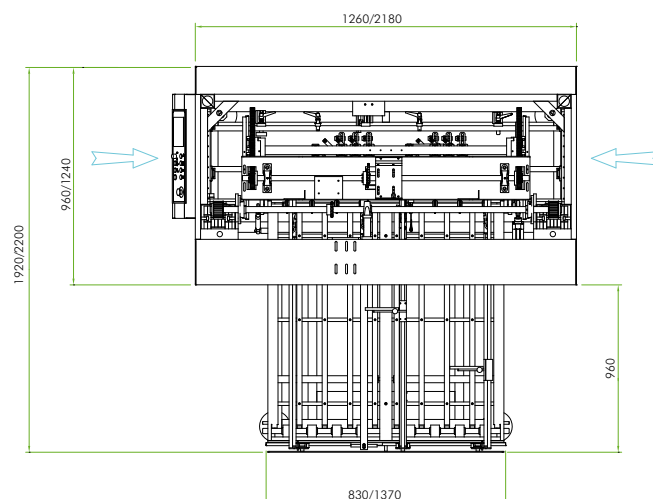
Mod. 2000/E



Mod. 2010



Mod. 2001 - 2002 - 2003 - 2004*



(*) Different models vary only for dimensions and output, machine description is the same

DIVISIONS INSERTER MOD. "2000/E". Machine suitable to pick-up, open and insert automatically solid carton divisions into cases.

Output	dph	750 on 12-pack; 1400 on 6-pack
Installed power	kW	1,5
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/min	120

FEATURES

- Divisions' magazine adjustable to different sizes and with a pitch-to-pitch movement according to division thickness.
- An electro-pneumatically controlled system compensates for the thickness difference between division center and ends.
- A carriage with suckers picks up, opens and inserts divisions into cases (this system enables to maintain the division blocked and squared up to its insertion inside the case).
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

N.B. This machine can be equipped of a motorized, vibrating conveyor and of a pushing unit electro-pneumatically controlled to make easier divisions lowering between bottles inside case.

DIVISIONS INSERTER MOD. "2010". Machine suitable to pick-up, open and insert automatically solid carton divisions into cases.

Output	dph	1500 on 12-pack; 1800 on 6-pack
Installed power	kW	2
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/min	150

FEATURES

- Double divisions magazine adjustable to different sizes and with a pitch-to-pitch movement according to division thickness.
- A double carriage with suckers, picks up, opens and inserts divisions on bottles inside cases (this system enables to maintain the division blocked and squared up to its insertion inside the case). Cases with bottles should be previously turned on case conveyor.
- A motorized case conveyor feeds cases to the machine, positions them in the division placing area and unloads the case.
- 90° degrees case turning devices to be installed on case conveyor at machine in-feed/out-feed.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

N.B. This machine can be equipped of a motorized, vibrating conveyor and of a pushing unit electro-pneumatically controlled to make easier divisions lowering between bottles inside case.

DIVISIONS INSERTER MOD. "2001". Machine suitable to pick-up, open and insert automatically solid carton divisions into cases.

		2001	2002	2003	2004
Output	dph	900/1800	1400/1600	1400/2200	1400/2600
Installed power	kW	1,5	2	2	2
Working pressure	bar	5	5	5	5
Compressed air nipple	Dia	3/8	3/8	3/8	3/8
Air consumption	l/min	120	150	150	160

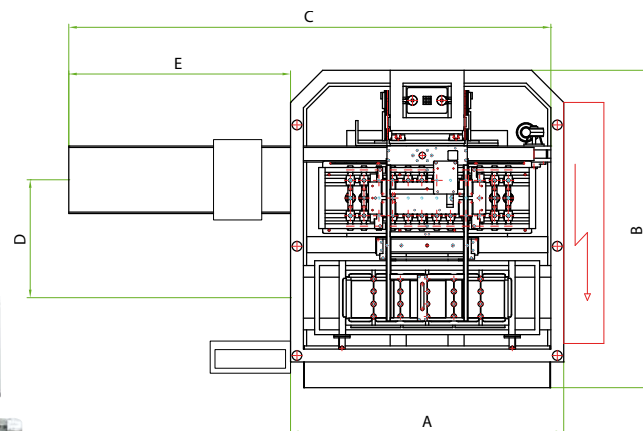
FEATURES

- Divisions' magazine adjustable to different sizes and with a pitch-to-pitch movement according to division thickness.
- An electro-pneumatically controlled system compensates for the thickness difference between division center and ends.
- A carriage with suckers picks up, opens and inserts divisions into cases (this system enables to maintain the division blocked and squared up to its insertion inside the case).
- An automatic centering basket enables an easy insertion of the division inside the case (only for a division insertion into an empty case).
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

N.B. This machine can be equipped of a motorized, vibrating conveyor and of a pushing unit electro-pneumatically controlled to make easier divisions lowering between bottles inside case.

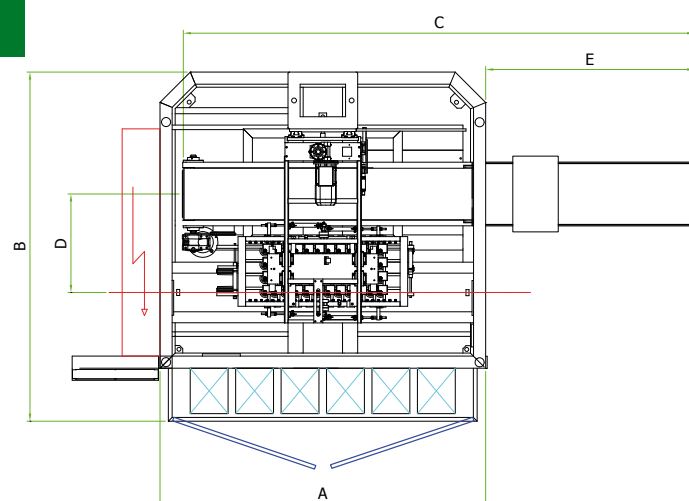
CASE PACKER

Mod. M.I.*



(*) Different models vary only for dimensions and output, machine description is the same

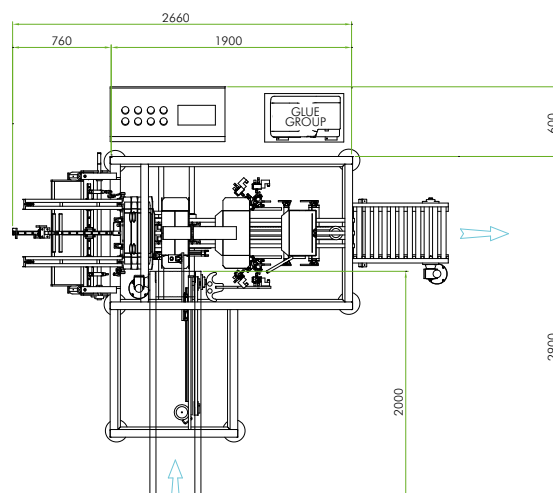
Mod. M.I. E.B.C.*



(*) Different models vary only for dimensions and output, machine description is the same

WRAP-AROUND

Mod. MS 10



AUTOMATIC CASE PACKER MOD. "M.I." with 2 controlled axis movement. Machine suitable to insert automatically bottles into "American" style cases, trays, PVC crates, wooden crates, etc.

This machine is available in different models:

M.I. 1/2: 5/7 cycles/1' = 3.500/5.000 bph on 6 or 12-pack

M.I. 2/4: 5 cycles/1' = 7.200 bph on 6 or 12-pack

M.I. 3/6: 5 cycles/1' = 10.000 bph on 6 or 12-pack

M.I. 4/8: 4/5 cycles/1' = 12.000/14.000 bph on 6 or 12-pack

M.I. 5/10: 4/5 cycles/1' = 14.000/18.000 bph on 6 or 12-pack

MODEL	DIMENSIONS (mm)				
	A	B	C	D	E
M.I. 1/2	1550	1940	3000	650	1400
M.I. 2/4	1550	1940	3000	650	1400
M.I. 3/6	1950	1950	4000	650	2200
M.I. 4/8	2150	1950	4500	650	2500
M.I. 5/10	2500	1950	5000	650	2700

AUTOMATIC CASE PACKER MOD. "M.I. E.B.C." PATENT N. 00243007. Machine suitable to pack automatically bottles into "American" style cases or wooden crates, with a horizontal bottles configuration, inserting automatically a carton layer-pad between each layer of bottles, or with a vertical bottles configuration.

This machine is available in different models:

M.I. 2 E.B.C.: 2.200 bph horizontal config.; up to 7.000 bph vertical config.

M.I. 4 E.B.C.: 3.000 bph horizontal config.; up to 10.000 bph vertical config.

M.I. 6 E.B.C.: 4.000 bph horizontal config.; up to 12.000 bph vertical config.

MODEL	DIMENSIONS (mm)				
	A	B	C	D	E
M.I. 2 E.B.C.	1550	2300	3000	680	1300
M.I. 4 E.B.C.	1950	2400	3500	680	1500
M.I. 6 E.B.C.	2150	2400	4000	680	2000

WRAP-AROUND AUTOMATIC CASE PACKER MOD. "MS 10". Machine suitable for feeding the product (BAG-IN-BOX, bundles, bottles, etc.), for the preparation of the product to be packed, for the picking of the outer carton from magazine erecting and gluing it with Hot Melt glue.

Output cpm 10/15

FEATURES

- A motorized bottle conveyor feeds bottles to the picking area.
- A bottles counting system with sensor detection for each row, ensures the preparation of the exact number of bottles to be taken.
- A motorized case conveyor, complete with groups of stopping power and selection, positions and automatically unloads the product.
- A centering group with electromechanical control allows case centering in order to ensure a correct entry of bottles.
- Head-holding carriages movement with two controlled axis, vertical and horizontal, with motors operated by inverters and positioning managed by an encoder.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

FEATURES

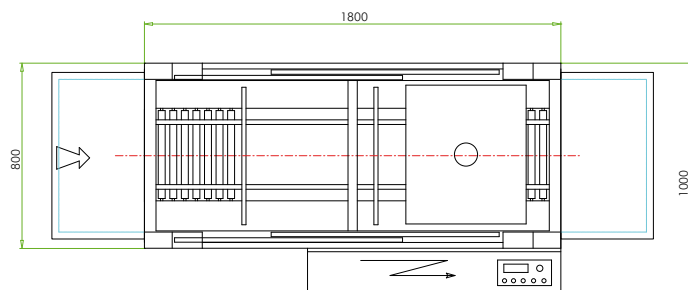
- A motorized bottles conveyor, with motor managed by inverter, feeds bottle to the picking area.
- A counting system ensures guarantee the preparation of the exact number of bottles to be taken.
- A motorized case conveyor, complete of stops and selection groups, feeds, positions and unloads automatically the product.
- A centering group with electromechanical control allows case centering in order to ensure a correct entry of bottles.
- Machine equipped with a head with pincers for the horizontal bottles packing.
- Machine complete of a carton layer-pad magazine and of a device to insert automatically the layer-pad on case bottom and between each layer of bottles.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

FEATURES

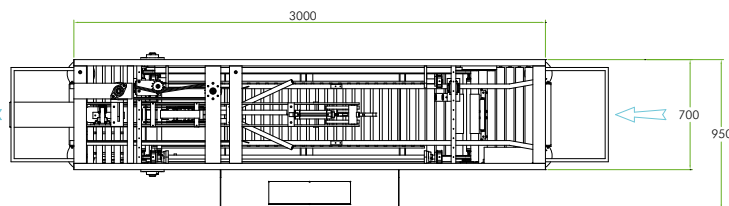
- Motorized conveyor for product transfer with motorization managed by inverter.
- Automatic system to prepare the product.
- Carton magazine adjustable to various sizes.
- Carton picking system with suckers releasing cartons in the receipt area and making the first bending of the case.
- An electro-mechanical shifter transfers the product and the carton to flaps closing areas, glue dispensing and carton pressing.
- Glue group with melting tank, hoses, glue dispensing guns and a checking electro-valve.
- Long flaps closure group and pressing with electro-pneumatic control.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

CASE SEALER

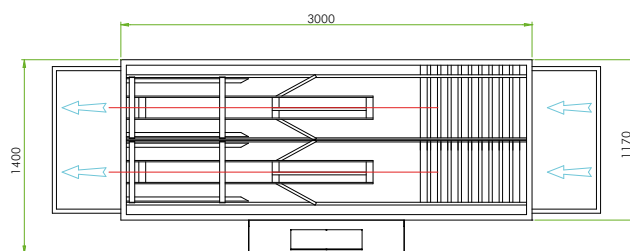
Mod. C.R.C.E



Mod. C.R.C.

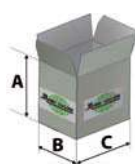


Mod. C.R.C. DP



AUTOMATIC CASE SEALER MOD. "C.R.C.E". Machine suitable to close the top flaps of "American" style cardboard cases through the application of Hot Melt glue.

Output	cph	800/1500
Installed power	kW	4/5
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/1'	60÷100



CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	140	150
MAX	400	450	500

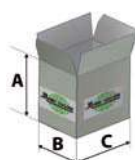
FEATURES

- Automatic cases selection device at machine in-feed.
- Case transfer to the closing and sealing group, using bar driven by two parallel chains.
- Front short flap closure by a shaped device at case passage.
- Rear short flap closure with a "hammer" electro-pneumatically controlled.
- Glue group with melting tank, hoses, glue dispensing guns and a checking electro-valve.
- Case pressing device electro-pneumatically controlled.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

AUTOMATIC CASE SEALER MOD. "C.R.C". Machine suitable to close the top flaps of "American" style cardboard cases through the application of Hot Melt glue.

This machine is available also with bottom and top case closure with Hot Melt glue (mod. "C.R.C.D.") or with closure with glue and adhesive tape (mod. "C.R.C./N.").

Output	cph	1000/2500
Installed power	kW	4/5
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/1'	60÷100



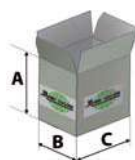
CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	140	150
MAX	400	450	500

FEATURES

- Automatic case selection device at the machine in-feed.
- Case transfer to the closing and sealing group, using bars driven by two parallel chains.
- Front short flap closure by a shaped device at case passage.
- Rear short flap closure with a "hammer" electro-pneumatically controlled.
- Glue group with melting tank, hoses, glue dispensing guns and a checking electro-valve.
- Pressing case device electro-pneumatically controlled.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

AUTOMATIC CASE SEALER MOD. "C.R.C. DP". Machine suitable to close the top flaps of "American" style cardboard cases through the application of Hot Melt glue, with case feeding on a double row.

Output	c/h	2000/5000
Installed power	kW	5/6
Working pressure	bar	5
Compressed air nipple	Dia	3/8
Air consumption	l/1'	80÷120



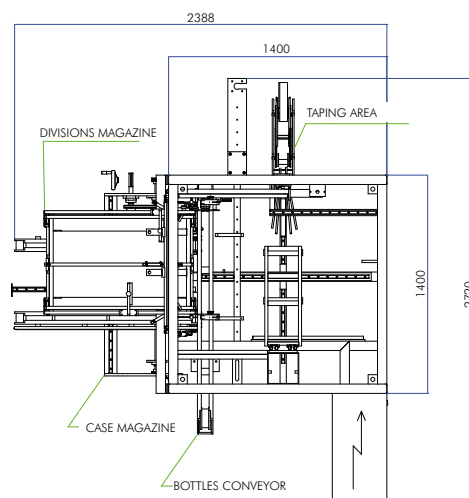
CASES	DIMENSIONS (mm)		
	A	B	C
MIN	150	140	150
MAX	400	450	500

FEATURES

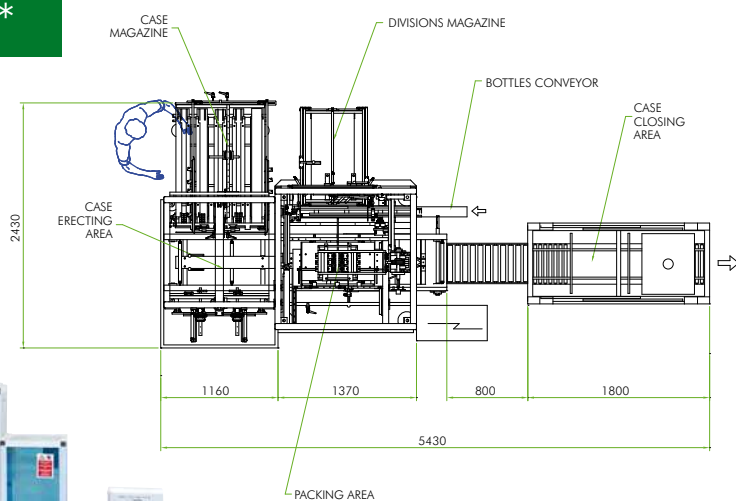
- Automatic case selection device at the machine in-feed.
- Case transfer to the closing and sealing group, using bar driven by two parallel chains.
- Front short flap closure by a shaped device at case passage.
- Rear short flap closure with a "hammer" electro-pneumatically controlled.
- Glue group with melting tank, double hose, double glue dispensing gun and double checking electro-valve.
- Double long flaps closure at case passage, by means of stainless steel shaped tubes.
- Double case pressing device electro-pneumatically controlled.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

PACKING MONOBLOCK

Mod. F/I/I/N 1

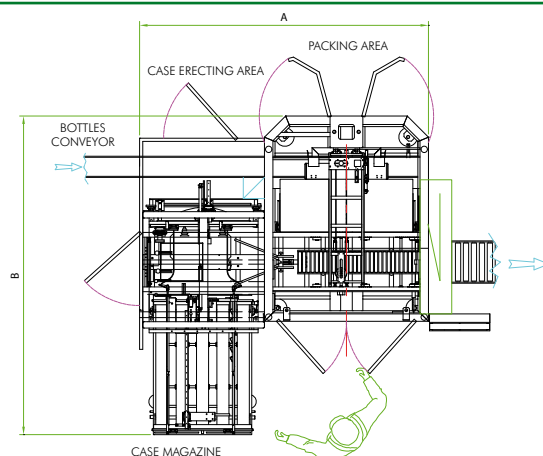


Mod. F/I/I/C 2 - F/I/I/N 2 **



(**) The machine is the same but with a different type of case closure, one with glue, the other with adhesive tape.

Mod. F/I*



(*) Different models vary only for dimensions and output, machine description is the same

PACKING MONOBLOCK MOD. "F/I/I/N 1". Machine suitable to erect the case, to insert bottles and carton divisions inside it and to close bottom and top flaps with adhesive tape.

Output	B/h	1.800 into 6-pack cases 2.500 into 12-pack cases
Case magazine capacity	n.	100/120
Division magazine capacity	n.	100/120
Power installed	kW	2
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/'	300

FEATURES

- Flat case magazine adjustable to different sizes.
- Flat case pick up group mounted on a motorized axle electromechanically controlled, with positioning managed by encoder.
- Carton divisions magazine positioned on top of the case magazine, with acetal plastic chain, pitch-to-pitch advancement electro-pneumatically controlled.
- Movement of the divisions head on two controlled axis electro-pneumatically controlled. The division is inserted on the pack of bottles previously prepared.
- Case and division pick up with an air depression system managed by Venturi.
- Motorized bottles conveyor that feeds bottles to the machine on a single row.
- Bottles pushing unit electro-pneumatically controlled that prepares bottles on a layer as per the requested configuration. This system allows to handle shaped bottles too (truncated cone, rectangular, squared, etc.) avoiding obstruction issues.
- Bottles pick up by means of a pick up head with a vertical movement electromechanically controlled. This system enables bottles pick up and lifting and, after the translation of the lower platform, product unloading inside the case previously erected in a lower position. Flaps case opening is managed by a centering basket electro-pneumatically controlled.
- Transfer of the filled case from the packing area to the bottom and top taping area, with the next case unloading on an electromechanically controlled axis.
- Bottom and top taping units.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

PACKING MONOBLOCK MOD. "F/I/I/C 2". Machine suitable to erect the case bending bottom short flaps, to prepare the pack of bottles, to pick up the card-board division and to insert it on bottles. The head will then pick up bottles and divisions to insert them inside the case. Bottom and top case closure by Hot Melt glue.

This machine can be equipped with a taping unit instead of a glue unit (mod. "F/I/I/N 2").

Output	B/h	3.000 into 6- or 12-pack cases
Case magazine capacity	n.	100/120
Division magazine capacity	n.	100/120
Power installed	kW	3
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/min	300

FEATURES

- Flat case magazine adjustable to different sizes.
- Flat case pick up group mounted on a motorized axle electromechanically controlled, with positioning managed by encoder.
- Carton divisions magazine positioned on top of the case magazine, with acetal plastic chain, pitch-to-pitch advancement electro-pneumatically controlled.
- Movement of the divisions head on two controlled axis electro-pneumatically controlled. The division is inserted on the pack of bottles previously prepared.
- Case and division pick up with an air depression system managed by Venturi.
- Motorized bottles conveyor that feeds bottles to the machine on a single row.
- Bottles pushing unit electro-pneumatically controlled that prepares bottles on a layer as per the requested configuration. This system allows to handle shaped bottles too (truncated cone, rectangular, squared, etc.) avoiding obstruction issues.
- Bottles pick up by means of a pickup head with a vertical movement electromechanically controlled. This system enables bottles pick up and lifting and, after the translation of the lower platform, product unloading inside the case previously erected in a lower position. Flaps case opening is managed by a centering basket electro-pneumatically controlled.
- Transfer of the filled case from the packing area to the bottom and top taping area, with the next case unloading on an electromechanically controlled axis.
- Glue group with melting tank, hoses, glue dispensing guns and a checking electro-valve.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

CASE ERECTING AND PACKING MONOBLOCK MOD. "F/I". Machine suitable to erect a case bending bottom flaps and to insert bottles inside it.

This machine is available in different models:

F/I 1: 3.000 bph

F/I 2: up to 7.000 bph

F/I 4: up to 10.000 bph

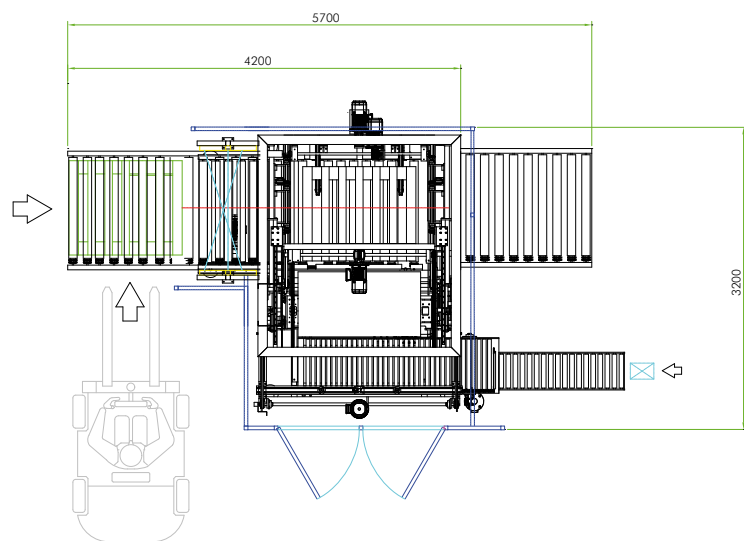
MODEL	DIMENSIONS (mm)	
	A	B
F/I 1	2725	3000
F/I 2	2725	3000
F/I 4	3500	3000

FEATURES

- Case magazine adjustable to different sizes.
- Case pick up group with an air depression system operated by Venturi. This system enables to pick up and open the case, closing short bottom flaps and positioning it on a case conveyor.
- Transfer of the open case to the packing area on a conveyor with motorized bars.
- Motorized conveyor to feed the product on a single row.
- A centering basket enables case centering for a correct product entry.
- Head-holding carriage on two controlled axis, vertical and horizontal, with motorization managed by inverter and positions managed by encoder.
- Bottom case closure at case advancement at packing area out-feed with bottom flaps bending and pressing.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

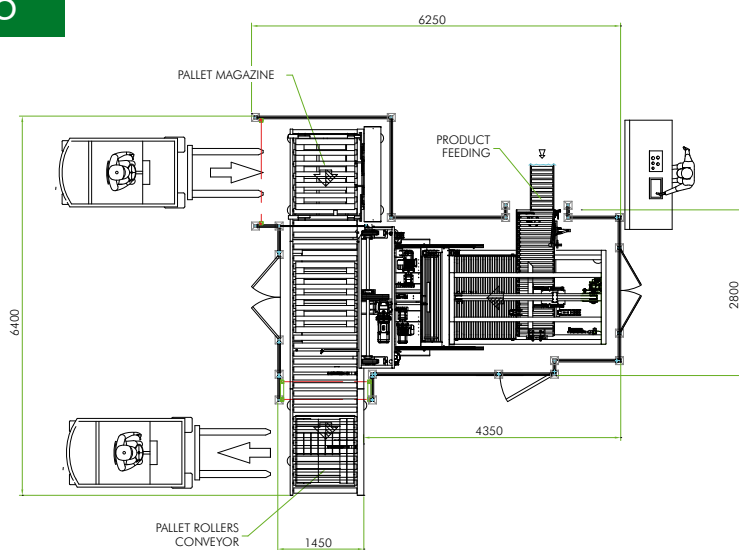
PALLETISER

Mod. COMPACT 2007



MACHINE DIRECTION CAN BE MODIFIED AS PER PRODUCTION LINE EXIGENCIES

Mod. P6



MACHINE DIRECTION CAN BE MODIFIED AS PER PRODUCTION LINE EXIGENCIES

AUTOMATIC PALLETISER MOD. "COMPACT 2007".

Machine suitable to palletise "American" style cases, PVC crates or bundles with product feeding from machine low part.

Output	cpm	15/25
Product feeding	1	automatic
Layer programming	-	automatic
Empty pallet feeding	2	Automatic destacker (option)
Layer-pad feeding	-	Automatic group (option)
Installed power	kW	6
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/min	50

FEATURES

- Preparation of the row of cases on a motorized rollers conveyor at machine in-feed.
- An electro-pneumatically controlled selector, at machine in-feed, enables cases selection in the row preparation area.
- 90° case turning device electro-pneumatically controlled to orientate product when requested by the configuration.
- A pushing unit transfers the complete row of cases positioning it on an intermediate moving platform.
- Vertical movement of the intermediate platform, to bring the prepared row at a maximum height.
- A second pushing unit electromechanically controlled, built-in machine frame in a high position, transfers the rows of cases on a platform positioned at maximum height.
- A two ways opening platform, electromechanically controlled containing the whole layer, enables the unloading of cases on the pallet.
- Empty pallet vertical lift at maximum height and pitch-to-pitch lowering at each layer unloaded.
- Strong painted steel frame, lifting axes with sliding guides in tempered steel and sphere recycle carriages with counterweight for balancing.
- Inner pallet conveyor with motorized rollers.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

AUTOMATIC PALLETISER MOD. "P6". Machine suitable to palletise "American" style cases, PVC crates or bundles with product feeding from machine low part.

Output	cpm	25/40
Product feeding	-	automatic
Layer programming	-	automatic
Empty pallet feeding	-	Automatic destacker
Layer-pad feeding	-	Automatic group (option)
Installed power	kW	7
Working pressure	bar	5/6
Compressed air nipple	Dia	3/8
Air consumption	l/min	50

FEATURES

- Case conveyor with motorized rollers at machine in-feed.
- Spacers mounted between rows preparation rollers, pneumatically controlled, to create spaces between cases when requested by the configuration.
- 90° case turning device electro-pneumatically controlled to orientate product when requested by the configuration.
- Electromechanically controlled pushing unit, to transfer the rows of product and to transfer the layer into the palletisation head.
- Intermediate table to contain the rows of cases before their pushing inside the palletisation head.
- Palletisation head with side compacting guides electromechanically controlled and lower platform, with two ways opening, electromechanically controlled. This system enables to position product on the outer perimeter leaving empty spaces when necessary.
- Main frame with a double column on a strong base with supports adjustable in height. The column contains counterweights for balancing.
- Inner pallet conveyor with motorized rollers.
- "Touch-screen" display to manage machine functions, the changeover and to visualize possible anomalies.
- Machine complete of electrical installation, electrical panel and safety guards.
- Machine managed by a PLC Siemens S7.

DATA SHEETS OF EQUIPMENT ARE NOT BINDING DATA

MONDO & SCAGLIONE srl

Regione San Giovanni, 19 - 14053 CANELLI (AT) Italia

Tel +39 0141 824206 - Fax +39 0141 832559

www.mondo-scaglione.com

info@mondo-scaglione.com



PACKSERVE
LIMITED

+44 (0)1254 760 123
sales@packserve.co.uk

www.packserve.co.uk

Certified UK Partner

