

MMP400

WRAP AROUND CASE PACKER

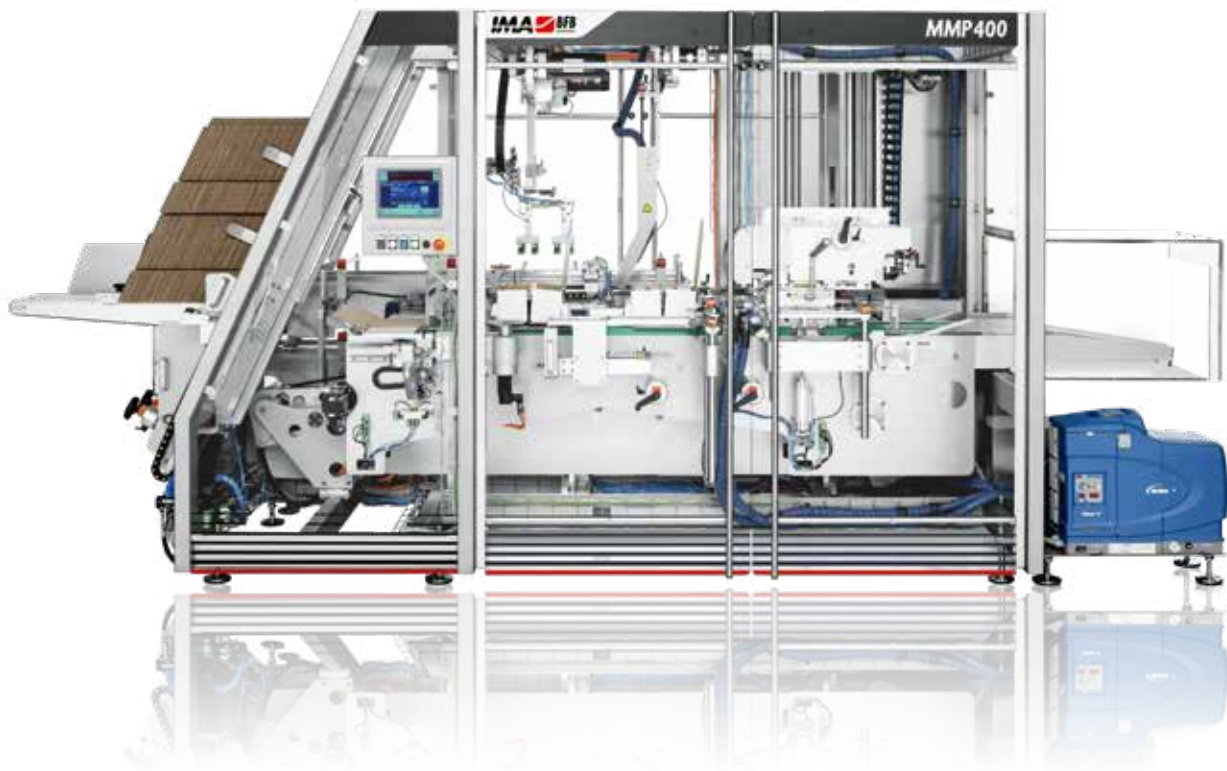


MMP400

The MMP400 is the new modular multi-packer built to pack individual or bundled products into cases, display boxes or trays (starting from flat blanks or pre-glued cases).

The machine features servo technology enabling speeds up to 30 cases/min.

The design concept upon which this machine is built is to utilize a machine frame which never changes housing sub-assemblies and modules which facilitate a flexibility to handle all applications.





These modules allow for the efficient handling of all kinds of products even if they are unstable or critical to run at high speed: Cartons, bags, flowpacks, bottles, pillows, soft product (butter, cheese,..), cups.

Moreover, the machine can pack the products into wraparound cases, RSC cases, tray or tray with hood.

All movements are located over the top of the product flow to allow easy access and cleaning on the bottom of the machine.

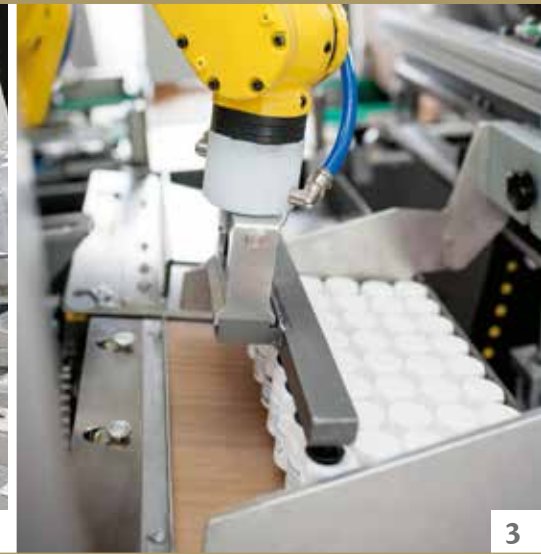
The machine can be integrated with the new Palletizers: RP2, with one palletization station or RP7, with two palletization stations or "U" shaped pallet transport.

SIZE CHANGEOVER

Limited amount of adjustments.

No tool needed for parts adjustments. Fast release system by means of clip switches (on/off).

MMP400



CASE MAGAZINE

The new 830 mm height case magazine ensures easy loading of cases and provides the best ergonomic height when compared to other machines in this category.

PRODUCT INFEEED

Independent modules on infeed can be easily incorporated to allow for the efficient handling of all kinds of products, even if they are unstable or critical to run at high speed: jars, bottles, caps, bags, flowpacks, pillows, soft products (cheese, butter), cartons.

PRODUCT INTRODUCTION

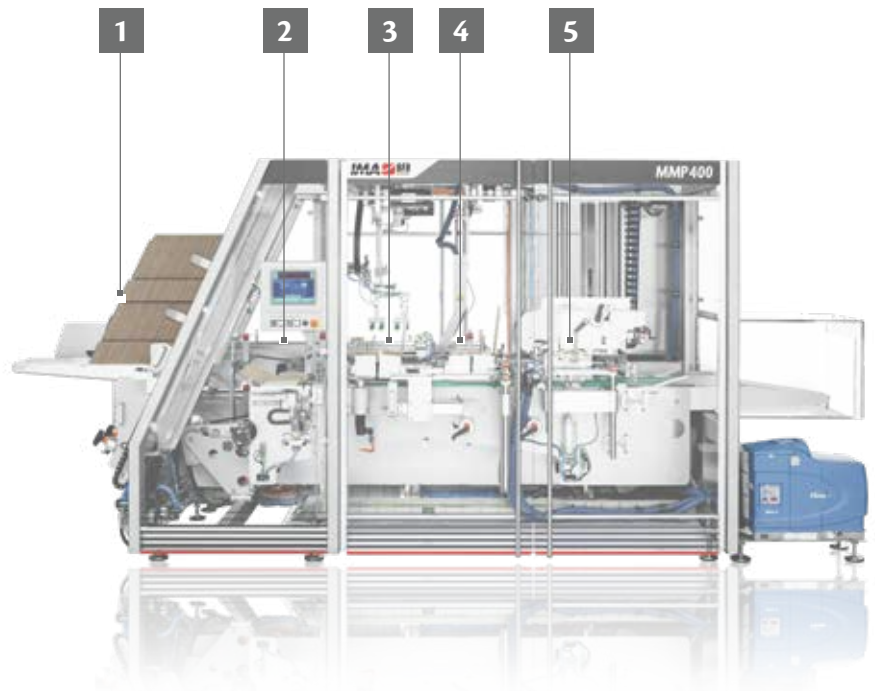
Thanks to its modular design the MMP400 can be easily equipped either with a 6 axes robot or with a 2 axes loading system, allowing for efficient handling of different products needing to be treated at high speed and in different case configurations.

The 6 axes robot is more suitable when handling bottles, flowpacks, doypacks, bags or jars.

MACHINE INFEEED

At IMA BFB we understand the key to success is the in-feed of the machine. We have combined our knowledge and experience in handling different shaped products and developed different and independent modules on infeed:

- Standard infeed with blocking and releasing device to separate the incoming products
- AM infeed for product overturning
- BA (low-high) infeed for product stacking on more than one layer
- Butter infeed with double lateral pusher
- Driven belts infeed for products separation (suitable in case of soft products)
- Worm-screw infeed for irregular bottles
- Bucket chain infeed for unstable products (like doypacks or flowpacks)





PRODUCT INTRODUCTION

The 2 axes loading system (pick and place or pusher) is a better option when it comes to handling cylindrical products, cartons or soft products (butter, cheese).

CASE TRANSPORT

Case forming, transport and closing on the same level make this machine extremely accessible from both sides (operator and opposite operator). Product flow is always under control, maintenance and cleaning operations very easy.

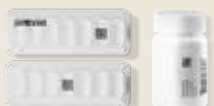
CASE CLOSING AND SEALING

Folding and sealing of the case top is carried out from the top for a better access, ergonomically and facilitated parts changeover. The closing head can be lifted for parts changeover.

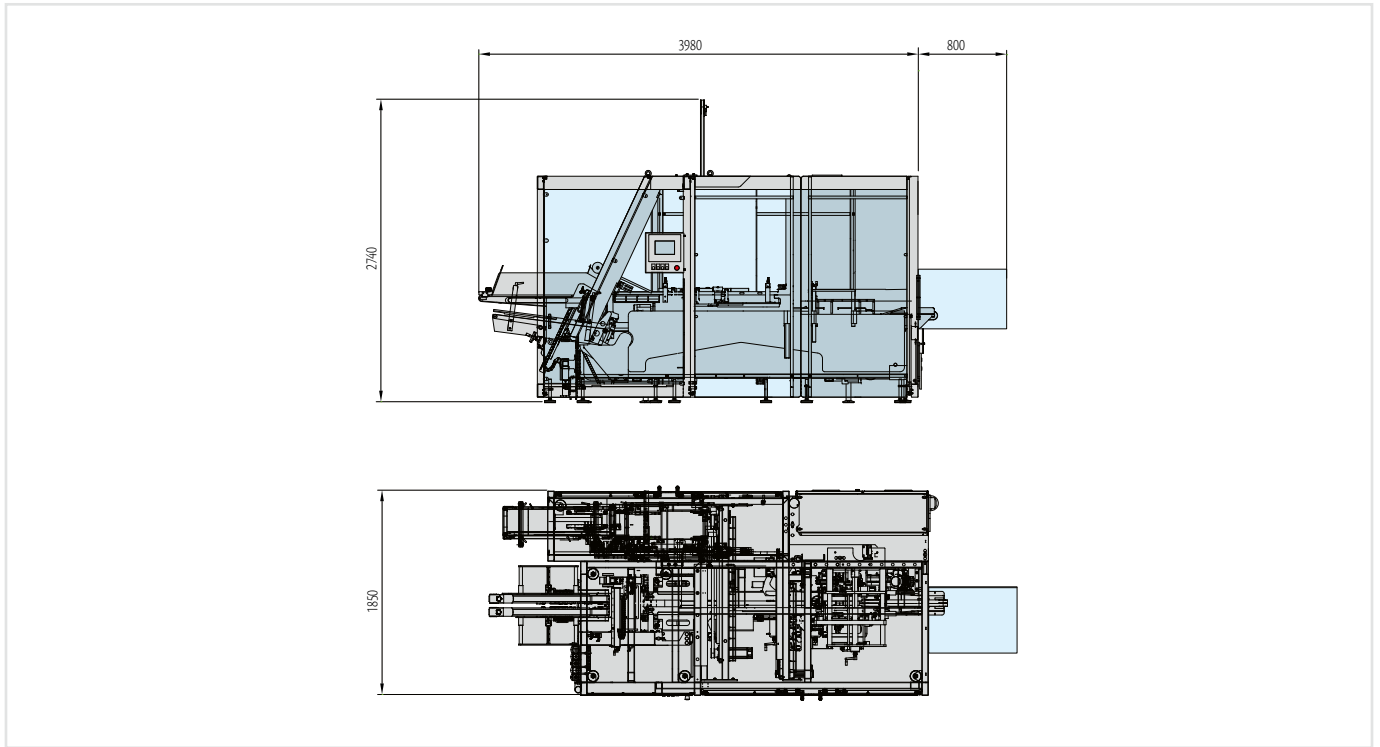
TRACK & TRACE EXPERT

The Track & Trace is a process of association of unique codes to a complex product traceability system. We take care of this process during the whole packaging line: from the serialization of the primary pack to the aggregation on pallet.

IMA has adopted an Open Policy that allows the integration of any vision systems, and thanks to a consolidated partnership with the most important vision system suppliers, it has designed its machines in a T&T oriented perspective. Every single packaging phase is optimized to eliminate the possibility of errors during the serialization and aggregation process.




TECHNICAL DATA




OPTIONAL UNITS

- MIRROR VERSION FRAME
- ALLEN BRADLEY CONTROL AND MOTION PLATFORM
- AIR CONDITION ON ELECTRICAL CABINET
- FRAME AND ELECTRICAL CABINET IN STAINLESS STEEL
- SAFETY DOORS IN MAKROLON
- VACUUM PUMP
- EXTENDED CASE MAGAZINE AUTONOMY
- 5° FLAP INTERNALLY GLUED


MMP400
UP TO 30 CASE/MIN



RP2
UP TO 8 CYCLES/MIN



RP7 2P
(2 pallet stations)
UP TO 10 CYCLES/MIN

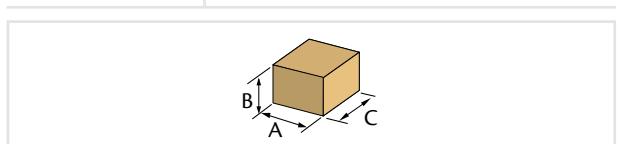


RP7 "U"
(U-shaped pallet transport)
UP TO 10 CYCLES/MIN

MMP400	A	B	C
Case dimensions (MIN)	80	80	140
Case dimensions (MAX)	420	325	420

MMP600	A	B	C
Case dimensions (MIN)	80	80	250
Case dimensions (MAX)	420	325	600

Speed	Up to 30 Cases/min
Air consumption	200 NI/min.
Installed power	16 kw
Gross weight	4850 kg



SALES AND SERVICES



IMA UNDERSTANDS THE NEED FOR EXCELLENT SERVICE AROUND THE WORLD

- PRESENT IN OVER 70 COUNTRIES
- 10 BRANCHES PROVIDING SALES AND SERVICE
- MORE THAN 50 REPRESENTING AGENCIES
- 90 TECHNICIANS FROM ITALY SUPPLYING WORLDWIDE SERVICE
- 50 TECHNICIANS FROM LOCAL SUBSIDIARIES AND AGENCIES
- 11 AFTER SALES SUPERVISORS

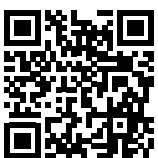
IMA provides prompt and effective technical assistance which covers the entire life cycle of its equipment. This assistance is provided by a dedicated team of experts able to meet our client's needs on a day to day basis. A customer oriented after sales service staff is what distinguishes IMA from the rest of the world.

The use of original spare parts since they are essential to guaranteeing perfect machine working order over time, full production efficiency and life cycle duration.

Spare parts can be ordered from IMA directly or alternatively via the MyIMA e-commerce system and shipped to you within 24-36 hours.



ima.it



IMA S.p.A.
IMA BFB division
Via Romagnoli, 2 - 40010 Bentivoglio (Bologna) - Italy
Phone +39 051 6642 111 - Fax +39 051 6642 255
imaeol@ima.it

