

# AF60

OVER WRAPPING MACHINE



# AF60

Ideal for pharma items, equipped with a high-speed stacking unit capable of stacking up to 200 layers/min., the AF60 can also be set up with a carton tilting unit (AF60AM) capable of standing on edge as many as 400 cartons/min.

Production speeds reaching 60 cycles/min. make it an ideal partner for any high-speed packaging line for cartons. Maximum accessibility to all components is possible due to the balcony design, so that cleaning and maintenance are facilitated.





The machine's main standard features include a scissor knife, film transport by pincers, transversal edge-sealing, driven movement of bottom and lateral film folders, and reciprocating lateral sealing plates.

### **SIZE CHANGEOVER**

The size changeover can be carried out without using tools in about 10 minutes.

Limited amount of adjustments all completed via HMI and with digital indicators or reference scales.

# AF60



## PRODUCT INFEEED AND COLLATING AREA

Infeed belt driven by inverter.  
Up-stacking unit driven by servo motor to stack products up to 200 layers/min.  
Servo-driven pusher capable of absorbing higher speed.



## FILM FEEDING AND CUTTING

Film reel holder equipped with a pneumatic clamping unit to hold reel in position.  
Tensioning rollers guarantee an optimal wrapping quality.  
Unwinding of the film reel by servo driven rollers. Automatic adjustment of the knife position by means of a servo motor.

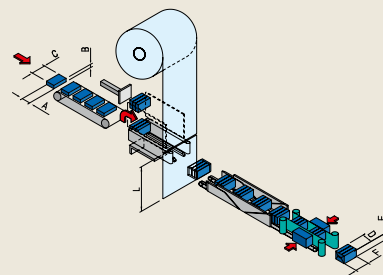


## FILM FORMING AND SEALING

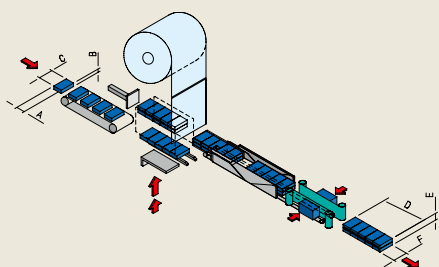
Bundle hopper and movable back folder driven by servo motors.  
Automatic bundle discharge device after machine stop.  
Reciprocating lateral sealing plates.

## AF60 HAS BEEN DESIGNED TO ADAPT TO DIFFERENT NEEDS AND IS AVAILABLE IN SEVERAL VERSIONS:

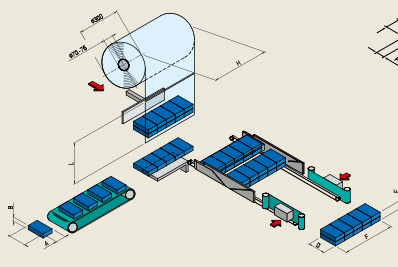
- "A" version is the basic machine option.
- "E" version is a 90° machine easy to fit into any line layouts and is particularly suitable for track & trace purposes when the 2D code is placed on the closing flap of the carton and the wrapping folds need to be on the lateral side of the bundle to avoid covering the serialization code.
- "AM" version for product overturning on edge.
- "BM" versions for product overturning and collation on more than one row.
- "PP" version when a pick and place of the product is required.
- "B" version with pre-stacking device to absorb high incoming speed.
- "BPF" version with pre-stacking device and banding of the product instead of complete overwrap.



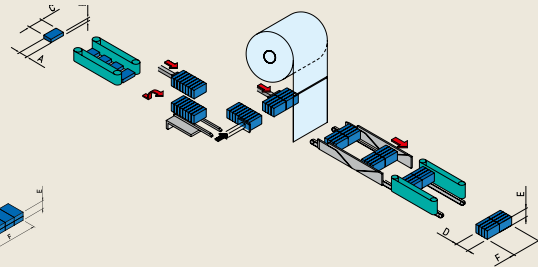
AF60 AM



AF60 A



AF60 E



AF60B BM



#### WIDE SIZE RANGE:

THIS MACHINE IS VEY FLEXIBLE IN TERMS OF RANGE OF SIZES.

IT CAN EASILY ADAPT TO HANDLE FROM SMALL TO BIG CARTONS AND BUNDLES.

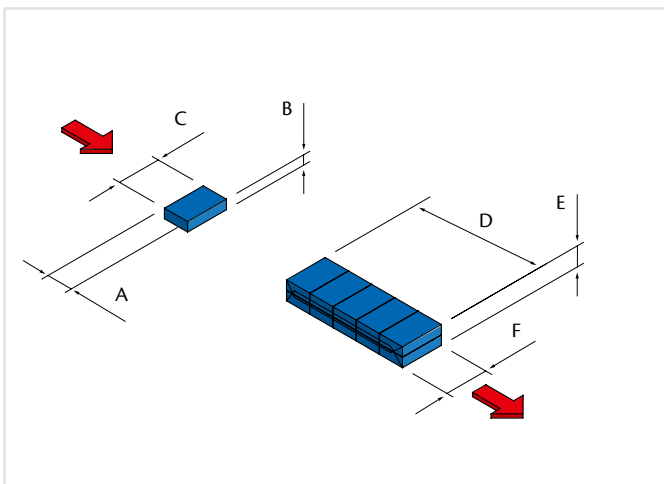
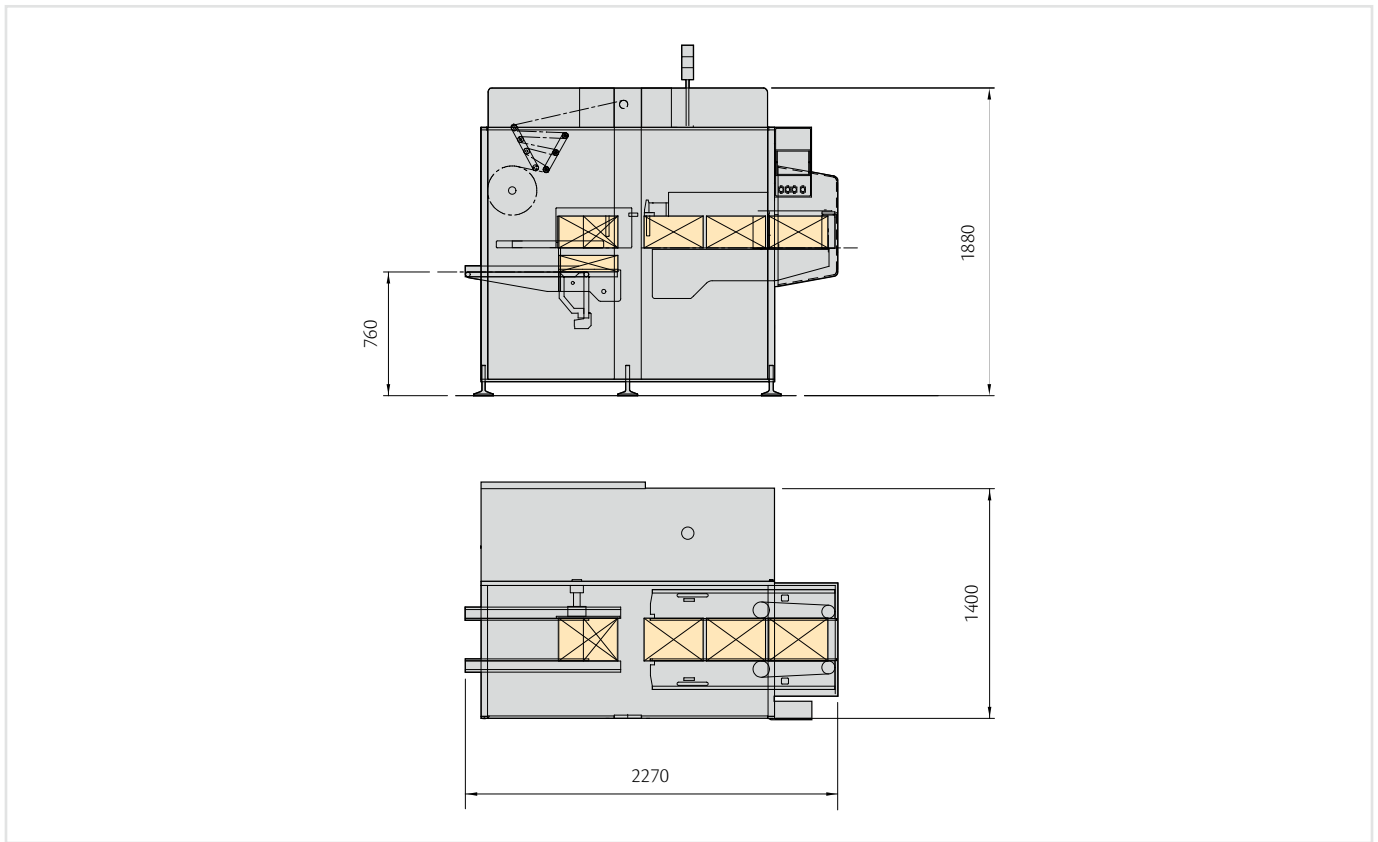
## TRACK & TRACE EXPERT

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

- SYSTEM FOR POSITIVE TRANSPORT OF THE BUNDLES BY MEANS OF SERVO MOTOR.
- LATERAL SEALING BELTS (L. 435MM)
- PRINTED FILM REGISTRATION
- IN LINE TEAR TAPE
- PRODUCT BY-PASS THROUGH THE MACHINE
- FILM SPLICING

Absorbed power	28,7 A
Compressed air	6 bar
Installed power	11,6 kw
Air consumption	300 NI/min.
Gross weight	1500 kg
Speed	60 cycles/min

AF60 A	A	B	C	D	E	F	H
Product dimensions (MIN.)	20	12	60	60	30	60	100
Product dimensions (MAX.)	360	90	260	360	150	260	450

AF60 E	A	B	C	D	E	F	H
Product dimensions (MIN.)	20	12	60	60	30	60	100
Product dimensions (MAX.)	260	120	220	220	170	260	450

# 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



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