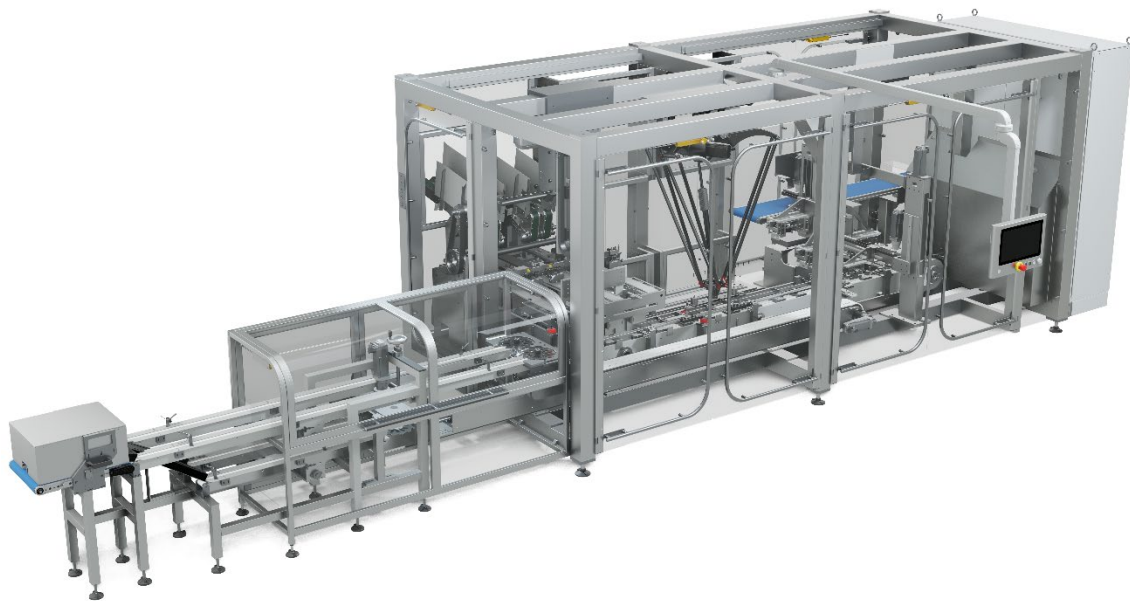


The AVF60 series machines is an electronic intermittent cartoner for suitable of multiple uses and applications, all maintaining the same robust and reliable characteristics. The AVF cartoners can run at high speed, handle complex multi-component packaging tasks, produce up to 60 cartons per minute and handle stackable products. Its modular concept allows AVF60 to be linked to different type of equipment for product feeding or to be placed at the exit of different type of machines (product organized on one or more lines).

The machine flexibility allows to realize different type of product's configuration inside the box, depending on customer needs and with the exclusive feeding system, from Pick & Place group, allows to fill in boxes with more than one layers, depending on production requirements.

The AVF60 cartoner can be integrated into complete production lines, belonging to any market sector (coffee, pet food, food, cosmetics, pharmaceutical).



### **PRODUCTION FLOW:**

The products coming from the feeder are divided in row, depending on format requirements, before proceeding to product (products groups) formation area. After having reverse the rows required by the format and separate each single products to groups, Pick & Place (composed by a delta robot) group put them into the preformed carton (through two stations hopper). Once picked up from the side storage the carton is modeled and folded while it moves to the conveyor belt. Once filled in it is ready to be side glued during the main belt movement to the exit.

While the case goes to the exit (pushed by lower exit group) it is folded, stuck and totally closed.

After weight verification on the intermediate exit group the closed cases goes to the upper exit group, picked and released on the exit conveyor. The required information (expiry date and production batch) are printed on the product (on the side requested) while it transit on the exit conveyor.



**TECHNICAL DATA:**

MACHINE SPEED: 30 RPM

PRODUCTION SPEED:

- 30 Box/min -> Single Lane Carton Feeding
- 60 Box/min -> Double Lane Carton Feeding

HOT MELT GLUE SYSTEM: Until to 9 guns

MULTILAYER FORMATS: Until to 5 Layers

HUMAN INTERFACE: 15 Inches Touchscreen

OPTIONAL GROUPS:

- Interlayer Introducer

AIR PRESSURE: 6 bar

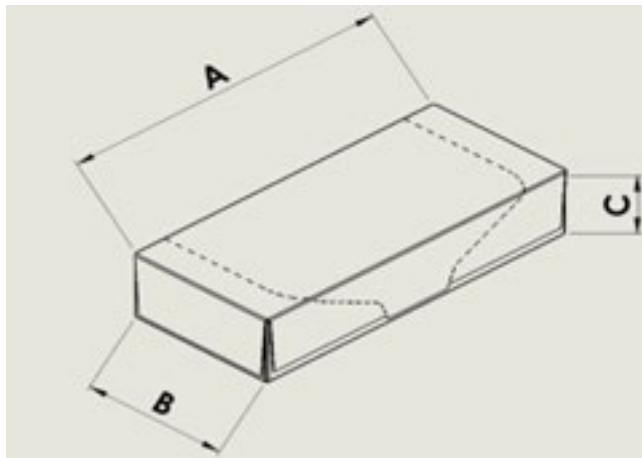
AIR CONSUMPTION: < 400 NI/min

POWER INTALLED: 40 Kw

SUPPLY VOLTAGE: 400Vac + N - 50Hz

MACHINE WEIGHT: 3500 Kg

**MACHINE FORMAT RANGE:**



SIZE (mm)			
	A	B	C
Min	50	30	30
	A	B	C
Max	250	150	150

**MACHINE LAYOUT:**

