

DRIVE BELTS	AUTOMATION GRADE	BOX FORMAT	FORMAT SETTING	SEALING TECHNOLOGY
SIDE	FULLY AUTOMATIC	UNIFORM	MANUAL	HOT MELT GLUE

HM11-T/TB

FULLY AUTOMATIC UNIFORM SIZE CASE SEALER

HM11 is a side drive belts automatic case sealing machine designed to handle filled regular slotted boxes of same dimensions coming from a line without the need of operators. The format is easily adjusted manually before running the production, then the top major and minor flaps are closed automatically to be sealed on both top and/or bottom sides (HM11-TB) and on top side only (HM11-T) with hot melt glue.



KEY BENEFITS

FULLY AUTOMATIC OPERATIONS

Easy and fast manual box adjustment with simultaneous upper & lower flaps closing & sealing without the need of operators, reducing labor costs and boosting the production up to 13 box per minute

THE POWER OF FLEXIBILITY

Available in different configurations, from Top&Bottom to Only Top sealing, both for standard boxes and reduced height sizes

EFFECTIVE & SUSTAINABLE

High quality glue dispensing applicators that guarantee the perfect box sealing without the use of tapes, boosting the recyclability of the entire packaging system

EASY INTEGRATION

Suitable to be integrated in new or existing packing line characterized by production runs with limited case size changeover with possibility to exchange signals with the outside

SAFETY FIRST

Safety fences for full protection, lockable electrical switch and CE compliancy to guarantee ergonomic and safe operations

SPECIFICATIONS

Boxes

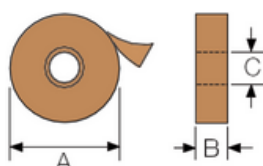
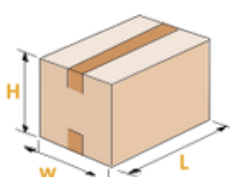
HM11-T	Standard Box Version	Low Box Version (/4)
Box Min (mm) LxWxH	200 x 180 x 150	200 x 180 x 120
Box Max (mm) LxWxH	600 x 500 x 600	600 x 500 x 600

HM11-TB	Standard Box Version	Low Box Version (/4)
Box Min (mm) LxWxH	200 x 180 x 150	200 x 180 x 120
Box Max (mm) LxWxH	450 x 450 x 600	450 x 450 x 600

Box Type	RSC, HSC, FEFCO 0200/0201
Flute Type	B-C-E
Min-Max Box Weight (kg)	1-32

Machine

Productivity up to (bpm)	13
Based on the shortest processible box length and type of Hot Melt Glue used	
Belt Speed (m/min)	22
Operator side	Left - Right
Standard Hot Melt System	Robatech Concept 5
Applied Glue Stripes (each side)	4
Standard PLC	Siemens S7-1200
Workbench height (mm)	from 485 to 825
Air Consumption (NI/Cycle)	2,2
Power Supply (Machine)	380/415V 50Hz 3PH+PE
Installed Power Machine (kW)	0,36
Power Absorption (Amps)	1,33
Power Supply (Glue Fusor)	380/415V 50Hz 3PH+N+PE
Installed Power Glue Fusor (kW)	2,37 (HM11-T) 2,56 (HM11-TB)
Pneumatic Supply (bar)	5,5 - 7
HM11-T Machine Dimensions LxWxH (mm)	3.498 x 938 x 1.745/2.085
HM11-TB Machine Dimensions LxWxH (mm)	3.838 x 938 x 1.745/2.085
HM11-T Machine Weight (kg)	600
HM11-TB Machine Weight (kg)	650



KEY FEATURES

Automatic 4 Flaps Closure



Easy setting pneumatic kicker combined with mechanical passive side flap folder and bottom flaps folding system to automatically close and seal boxes without operator need

High Quality Hot Melt System



The best Hot Melt Devices available in the market able to dispense 4 strips of glue, with possibility to adjust glue temperature and volume, save sealing programs and pre-heat

Case Former Integration



In case of integration within a line starting with a Case Former, HMI I-T is available for sealing only top side of the boxes as the bottom side is already sealed by the former

Control & Signal Exchange



Equipped with external control panel for easy machine control and possibility, thanks to the PLC, the machine is able to exchange output signals "working mode" and "emergency". Upon request it is possible to add both in/out signals

Reduced Box Height

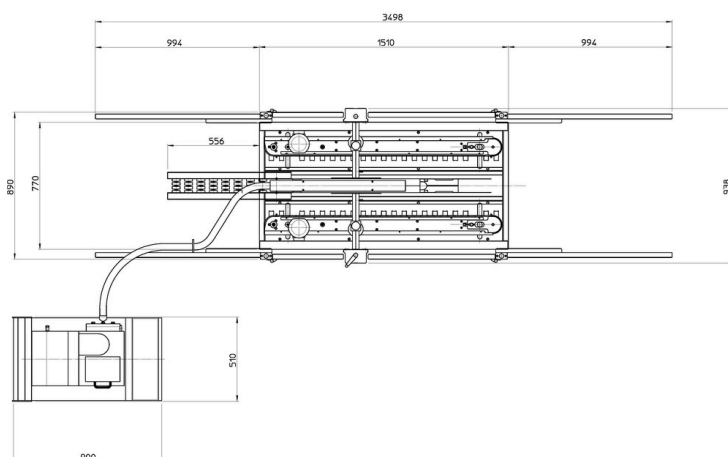


Both Only Top and Top&Bottom versions are available in lower height box size, reducing the maximum height processable down to 120mm

Box Management



In case of need to handle the box indexing process, AG21 motorized conveyor belt unit with manual side guides is available for box cadencing and distancing, with both power and safety integrated with HMI I



OPTIONALS

Counter on Handles

Double side doors opening

Siat Connect for remote connection and assistance

Nordson Hot Melt Device (with optional Touch Screen Display)

Wheels¹

Higher Legs²

AG21 500/650 indexing unit

Conveyors: GTL- GTR (extendable conveyors), RG (roller conveyor)

¹Workbench height becoming 585-925

²Workbench height becoming 645-980

