

Machine description / technical specifications:

## **LANTECH CASE TOP-SEALER CS-1000 (Hot Melt closing)**



The CS-1000 Hot Melt top-sealer is a case top-sealer out of the modular series of Lantech. All modular machines make use of the proven techniques out of the Lantech machine program. With this very compact case top-sealer it is possible to handle a large number of different sizes with a high degree of reliability.

Therefore the price / performance ratio is very good

Its modest dimensions make integration in almost every production possible.

Converting into another box size takes about 1 minute.

The components incorporated in our machine have been selected with the utmost care in order to guarantee our customers years of maximum performance from their installation.

The CS-1000 Hot Melt closing is different because:

## **Infeed and transit of the case:**

The case will be taken over between the two sidebelts and transit the case through the machine.

The belts have a special profile, which keep the case under control during the transit of the case.

At first the front flap will be closed, as soon as the back side of the case is located by a photo cell the back flap will be closed.

The flapfolders will folding the long flaps during transport.

After that the case will be closed on top with Hot Melt.

The closed case will be transported out of the machine.



## **Adjustments:**

The adjustments from the sidebelts and the height adjustment can be done with hand-wheels with digital counters.



The adjustments from the flap folders can be changed easily with handles, the adjustments can easily be read from measure scales.



## **Closing unit:**

The Hot Melt top-sealer exists of a closing unit on top with Hot Melt.

In the top-sealer the side belts keep the case perfect under control during closing of the top of the case.



## **Execution of the case sealer CS-1000 Hot Melt**

- Top Hot Melt closing
- Operate start / stop / emergency stop.
- Shielding transparent (clear)
- Transit control ( when case crashes the machine will stop (time control))
- Control minimum distance between cases 350 mm.  
( when cases enter the machine against each other this functionality will not operate)

## **Protective coating and environment:**

Protective coating colour RAL nr. 7011 (grey)

The machine is suitable for operation in a dry environment at a temperature between +3°C and +40°C.

In case of operation of the machine in areas with:

- high humidity
- dusty and/or dirty environment
- explosive/hazardous environment
- salt water or other corrosive materials

the machine can be configured as such against extra price.

## **Specifications of frame:**

- Machine output from right or left, to be determined later.
- Delivery from the machine in conformity with CE norm.
- The machine will be delivered inclusive 1 manual.  
(Operator manual in language off delivery. Technical manual in English).  
More specimens are available against surcharge.

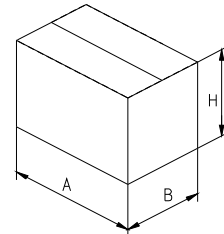
## **Options and execution:**

- Other color
- In feed guides ( self adjusting )
- In feed guides with separation module and stopper
- Discharge free detection by photocell
- Minimum closed case height of 60 mm. ( in-, outfeed height + 60 mm)
- Fixed side instead of fixed centre
- Hot Melt unit Nordson

## Case dimensions

The case dimensions of cases that can be closed on this machine are:

	<b>Minimum</b>		<b>Maximum</b>	
Length (A)	200	mm	500	mm
Width (B)	150	mm	510	mm
Height (H)	120	mm	500	mm



Corrugated quality: B-, C-, and/or C-wave or combination from it, for other qualities please send us cartons to assess.

## Capacity:

Maximum 25 cases per minute. (Maximum speed is depending on length of the case.)

## Technical Specifications:

Electrical connection	:	3 x 400V - 50Hz. – N - earthed
Installed power	:	3,8 kW ±20%
Compressed air connection	:	1/4
Air consumption	:	2,1 NI / case ±20%
Weight of the machine	:	425 kg.
Machine length	:	1700 mm.
Machine width	:	1304 mm.
Machine height	:	1830 mm. ± 30mm
Machine Outfeed height	:	600 mm. ± 30mm

## **Technical specifications:**

Control box	:	Rittal
Operating box	:	Bopla
Push buttons	:	Moeller
Safety switches	:	Moeller
Thermal cut-outs	:	Moeller
Connecting terminals	:	Weidmüller
Main switches	:	Moeller
Safety	:	Pilz
PLC	:	Siemens S7 ET200
Photo cells	:	Sick
Doorswitches	:	Schmersal
Pneumatic components	:	Festo
Drives	:	Nord
Vacuum valve	:	Festo
Compressed air connection	:	3/8"
Air supply	:	Max. 8 Bar and minimal 5 Bar.
Hotmelt unit	:	Robatech Concept 5

Deflections in execution and to be applied components, which result in extra work fall out of the purpose