Label Dispenser HS 150
Part No.: 5560900

Instructions for Use

Edition 8/11

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The HS 150 is a compact unit designed to dispense rolled self-adhesive label stock. The machine processes label-rolls of up to 147 mm width and 240 mm external diameter.
The minimum core diameter is 40 mm.
The unit can be switched between 230 V and 115 V mains power supply.

1. Technical Data

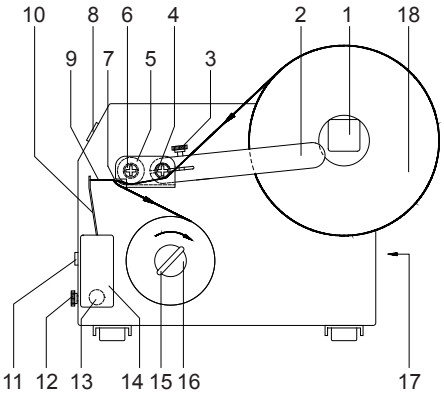
Label Width	19 to 147 mm (0.48“ - 5.79“)
Label Length	15 to 300 mm (0.59“ - 11.81“)
Roll Diameter	max. 240 mm (9.44“)
Label Rewinder	internal or external as required
Core Diameter	min. 40 mm. (1.57“)
Backing Strip Winding Dia.	max. 100 mm (0.93“)
Setting of Label Length	via micro-switch feeler
Counter	Four position LED display
Key	Reset to „0“
Mains Switch	ON/OFF
Mains Supply	230 V 50 Hz fuse 250 mAT 115 V 60 Hz fuse 500 mAT
Operation Temperature	10°C to 35°C (50°F. to 95°F)
Transport and Storage Temp.	-20°C to +35°C (-4°F to +95°F)
Humidity	10%to 85% non-condensing
Approvals	DIN VDE 0805 Class 1
Noise Level	60 dB(A)
Power Consumption	approx. 40 W.
Dimensions	188 mm x 250 mm x 240 mm (7.40“(H) x 9.84“(W) x 9.44“(D))
Weight	Approx. 10 lbs. (4.4 Kg.)

2. Contents of Delivery

1 - HS 150 Half-Automatic Label Dispenser
2 - Mains cable
3 - 2 Fuses 500 mA Slowblow / 250V
(for the usage with 115 V)
4 - Operating Instructions

3. Safety Precautions

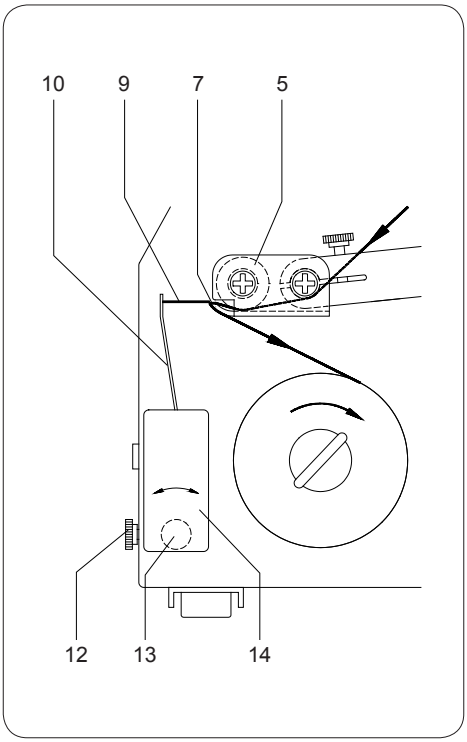
- Before switching ON, verify that the mains supply module is switched to the relevant supply voltage.
- The HS 150 operates from mains voltage and therefore may not be opened.
- During operation, the rotating rewinder axle is freely accessible. Take care when switching ON. The machine sets in motion immediately and continues until the first label is ready to be dispensed.

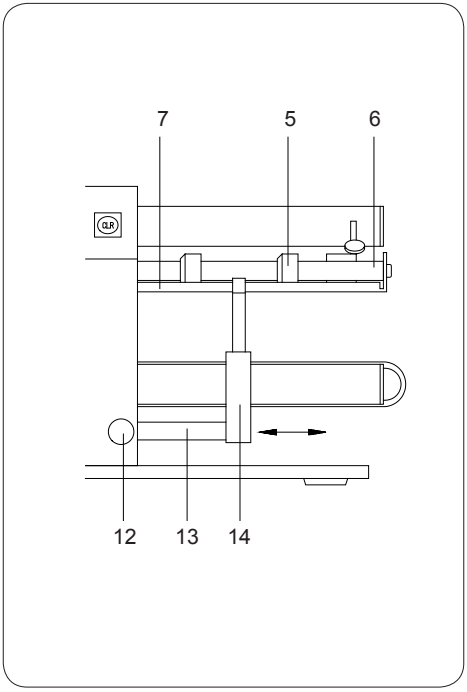


1 - Supply roll hanger
2 - Label adjust guide
3 - Knurl screw
4 - Axle
5 - Rollers
6 - Axle
7 - Dispense plate
8 - Display with RESET button
9 - Dispensed label
10 - Microfeeler
11 - Power switch
12 - Knurl screw
13 - Axle
14 - Sensor block
15 - Rewinder clasp
16 - Rewinder hub
17 - Power cord connector
18 - Media roll

4. Operation

- Verify that the voltage setting shown on the power cord connector (17) corresponds to the input supply voltage, and if necessary reset as follows: Open the flap on the module and remove the voltage selector. Exchange the fuse (use 250 mA for 250 V and 500 mA for 115 V), and replace the voltage selector so that when the module flap is closed, the relevant voltage setting is visible through the cut-out in the flap.
- Using the mains cable supplied, connect the HS 150 to the mains supply, ensuring that an earthed socket is used.
- Loosen the knurled screw (3) and swing the guide (2) upwards. Mount the label-stock roll (18) onto the main axle (1), so that the labels to be dispensed are visible from above.
- Slide the roll of label stock up to the side panel of the HS 150.
- Feed the label strip as shown in the accompanying diagram. This diagram relates to externally wound label stock.
- Affix the end of the label strip to the rewinder axle(16) by using the clamp provided (15), which locates into the two longitudinal slots in the axle.
- **Note that the axle rewinds in a clockwise direction!**
- Swing the guide (2) downwards and slide it sideways along the axle (4) until it rests against the label roll in such a manner that when the dispenser is in operation, the roll is lightly retarded.
- Tighten the knurled screw (3).
- Adjust the position of the sensor block (14) in relation to the size of labels to be dispensed (see part 5).
- Position the rollers (5) mounted on the axle (6) so that they press down onto the label strip. When so positioned, the rollers improve the donor mode when particularly irregular label-stock is being used, and thereby improve the positioning of each peeled-off label in order to operate the micro-switch
- Switch the machine ON (using ON/OFF switch (11). The label feed will start immediately and the first label will be peeled from the backing-strip by the peel off plate (7). This label causes the micro-switch (10) to operate and the feed is stopped. When the label is removed, the next label is fed into position and the feed is again stopped.
- The total number of labels dispensed is shown in the LED display (8). To reset the counter to "0" press the reset button.





5. Adjustment of the Sensor Block

In order to accommodate differing sizes of label stock and formats, the positioning of the sensor block can be altered as follows:

- Loosen the knurled screw (12).
- The sensor-block (14) can now be drawn out on its axle (13) and if required, turned. Position the sensor-block so that the micro-switch feeler (10) is positioned approximately in the middle of the front edge of the label to be dispensed. In the event of irregularly shaped label stock, the feeler should be positioned against the extreme front edge of the label.
- Rotate the sensor-block (14) so that the feeler (10) switches the feed OFF when 2-3 mm of the label (9) remains adhered to the backing strip.
- When especially long labels are to be dispensed, it is possible to position the sensor-block (14) so that at first, the front of the label to be dispensed is released from the backing strip, as the remaining part of the label is unpeeled from the backing strip, the feed provides further material at such a speed that there is no noticeable delay.
- Following any adjustment, the knurled screw (12) must be re-tightened.
- When using label-rolls with a small core diameter, it is possible that as the roll draws to an end, the extreme curvature of the remaining label stock requires that the sensor block (14) be readjusted.

6. Fault Finding

- **Display blinks. Feed is stopped**

The micro-switch feeler (10) does not operate 10 seconds after the previous label having been removed. Possible causes are:

- the sensor-block is incorrectly set
- the label stock is torn or has come to the end
- there are a large number of different sized labels on the roll.

When the fault has been remedied, normal operation can be resumed by manually operating the sensor feeler (10).

- **When the machine is switched ON, the display fails to illuminate.**

Check that the fuse is in order and if required, replace.

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EC Declaration of Conformity

Herewith we declare that the following described device, from the design and style and as we sell it, comply with the relevant EC Safety and Health Requirements.
This declaration will lose the validity if there are any changes of the device or the purpose without our consent.

Description:	**Label dispenser**
Device:	**HS150**
Applied EC-Directives	Applied Norms:
Directive 2006/42/EC on machinery	• **EN ISO 12100-1:2003**
	• **EN ISO 12100-2:2003**
	• **EN ISO 14121-1:2007**
	• **EN 60950-1:2006+A11:2009**
	• **EN 61558-1:2005+A1:2009**
Directive 2004/108/EC relating to electromagnetic compatibility	• **EN 55022:2006+A1:2007**
	• **EN 55024:1998+A1:2001+A2:2003**
	• **EN 61000-6-2-2005**
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