



Roll-to-Roll Heat Transfer Applicator

Model HS70 TRR is an automatic roll-to-roll heat transfer bonder designed for a wide range of roll transfer applications. This model loads readily, uses an easy-set electric eye for label registration and works rapidly for highly efficient and productive garment labelling.

Features

The HS70 TRR is both easy to use and cost effective. Designed for table-top use, it is small and compact as well as durable and reliable.

With labelling, productivity involves speed. Several features of the HS70 TRR contribute to its rapid throughput and increased productivity:

- Short dwell time – The HS70 TRR only takes between 0.5 and 4 seconds to seal a label or decoration to a finished garment or in-process fabric
- Quick cycle time – After use the machine is instantly ready for the next garment as soon as the operator can feed it
- Bottom heating option – The HS70 TRR applies heat to the top and bottom. Dual heat reduces seal time and can increase throughput

Productivity also means uptime. The HS70 TRR is simple to maintain and requires no special training. Spare parts are readily available.

The applicator head incorporates a non-stick Teflon® coating to ensure that the labels are transferred cleanly onto the garment or transfer item.



Easy Adjustments

The HS70 TRR control panel screen displays mode, status, counters (resettable and non-resettable), dwell time and temperature (actual as well as set). There is a separate control to regulate air pressure.

Operator adjustments include dwell time, temperature and application pressure. These adjustments allow for labelling flexibility over a wide variety of transfers and garments. Dwell time and temperature settings can be protected with a password to prevent operators from accidentally changing machine set up. Pressure can be set via the air regulator knob.

The HS70 TRR comes with a registration sensor that can read black, white, or coloured marks on either film or paper carriers.

Key Features



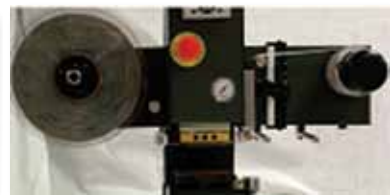
Registration sensor can read black, white, or coloured marks on film or paper carriers



Model HS70 TRR is excellent for labelling directly on garments quickly and efficiently



Simple control panel



Easy Threading



HS70 TRR Bonder: Technical Information

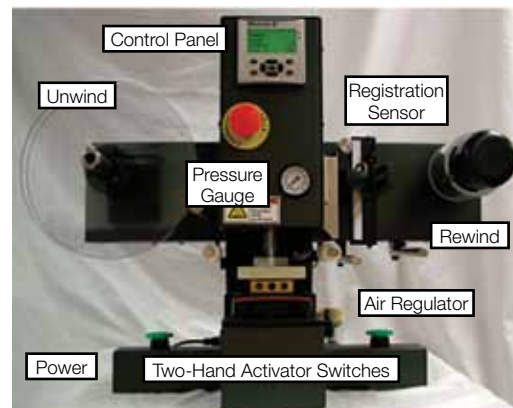
SPECIFICATIONS	
Description	Applicator for automatically affixing heat transfer labels from a roll to fabric
Top Heater Plate	101.6mm x 101.6mm / 4" x 4" maximum
Temperature	287°C / 550°F (5°F increments) max.
Dwell Time	0.1 seconds – 99.9 seconds
Physical Dimensions	70cm x 36cm x 51cm (L x D x H) 27.5" x 14.0" x 20.0"
Weight	27.3 kg / 60 lbs
Opening	73mm / 2.875" from top to bottom platen
Throat	101mm / 4" – centreline of bottom platen to the frame
Air Consumption	0.1 - 0.14m ³ / minute : 3 - 5ft ³ / minute
Inlet Pressure	5.6 - 8.8 kg/cm ² / 80 - 125 PSI
Power Consumption	1,500 watts
Temperature	5°C / 41°F to 40°C / 104°F
Humidity	5% to 90% non-condensing
Heat Transfers	
Outside Diameter (roll)	203mm / 8" maximum
Inside Diameter (core)	76mm / 3" standard
Web	12.7mm – 101.6mm / 0.5" – 4"
Feed	Image 19mm / 0.750" minimum
Space Between Transfers	14mm / 0.551" minimum
Total Transfer Feed	1.301" / 33mm minimum

All information is based on the results of testing performed by Avery Dennison. Customers should test all products completely through all relevant processes. Specifications subject to change without notice.

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HS70 TRR ROLL-TO-ROLL HEAT TRANSFER BONDER	
Base Machine	
115V	05720001
230V	05720002
Top Heater Plate Assembly Options	
You must choose one or more. They are easily interchangeable	
101.6mm x 101.6mm / 4" x 4"	05725034
88.9mm x 88.9mm / 3.5" x 3.5"	05365095
57.2mm x 57.2mm / 2.25" x 2.25"	05365096
44.5mm x 44.5mm / 1.75" x 1.75"	05365097
Custom Size up to 101.6mm x 101.6mm / 4" x 4"	05720008
Options	
Bottom Header Platen Kit	05720006
Cross Hair Target Assembly	05720007
Dot Target Assembly	05720009
Spare Parts Kit	05721301

Components



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