Neschen Coating GmbH
Hans-Neschen-Straße 1
D-31675 Bückeburg

T +49 5722 207-0
F +49 5722 207-197
E info@neschen.de

NESCHEN LAMINATORS

ECOLAM 1650
COLDLAM 1650
HOTLAM 1650 TH
HOTLAM 1650 DOUBLEH
PHOTOLAM 650

NESCHEN

NESCHEN

ALL THAT ADVERTISING-TECHNICIANS AND PHOTOGRAPHERS WANT

Neschen laminators have been the synonym for professional, flexible and reliable laminating machines since the 1970s. The current Neschen range offers everything service providers or photographers could wish for, from price-conscious entry-level devices to high-end multifunctional laminators. Hot and cold lamination, user-friendly operation, high working speed and a wide range of applications characterise Neschen laminators. Exceptional quality at an unbeatable price-performance ratio.

When designing the laminators, we placed great emphasis on the fact that a large part of the maintenance can be carried out by the users themselves - this saves time and money.

WHICH LAMINATOR IS THE BEST ONE FOR YOU?

	NESCHEN ECOLAM 1650	NESCHEN COLDLAM 1650	NESCHEN HOTLAM 1650 TH	NESCHEN HOTLAM 1650 DOUBLEH	NESCHEN PHOTOLAM 650
max. work width in mm	1650	1650	1650	1650	650
max. work width in Inch	54"	54"	54"	54"	26"
max. work speed	4 m/Min.	8 m/Min.	12 m/Min.	8 m/Min.	2 m/Min.
Training time and effort	1	2	3	4	1
Operating volume	medium	medium	high	high	medium
Cold lamination	●	●	●	●	●
Hot lamination			●	●	
Sealing				●	
Rigid Indoor Displays	●	●	● ●	● ●	
Flexible Indoor Displays	●	●	● ●	● ●	
Floor Graphics	●	●	● ●	● ●	
Backlit Displays	●	●	● ●	● ●	
Pop-up Displays	●	●	● ●	● ●	
Roll-up Displays	●	●	● ●	● ●	
Photographs and prints	●	●	● ●	● ●	●

Training effort

1: no training
2: minimal
3: moderate
4: intensive

Legend

● Scope of application
● Typical applications for cold laminations
● Typical applications for hot laminations

NESCHEN ECOLAM 1650

MADE IN EU

The NESCHEN EcoLam 1650 was specially designed as an entry-level unit for mounting and laminating prints with a width of up to 1650 mm. The Autogrip Shafts for user-friendly loading of a wide variety of materials make professional mounting and lamination easier than ever.

- ❚ Manual pressure and speed adjustment
- ❚ Wide variety of material and flexibility
- ❚ Externally located brakes for better adjustment of film tension
- ❚ Manually adjustable roller distance
- ❚ Ergonomic and user-friendly control panel on the top of the machine

TECHNICAL DATA

Max. processing width	**1.650 mm**
Max. processing speed	**4 m/Min.**
Max. contact pressure	**1,2 N/mm²**
Max. substrate thickness	**40 mm**
Roller heating	**—**
Dimensions, width × height × depth	**2.175 mm × 1.220 mm × 500 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**250 kg**
Power supply	**1N/PE 230 V AC/50-60 Hz; 230 W, 1 A**

NESCHEN COLDLAM 1650

The NESCHEN ColdLam 1650 is "our all-rounder". Designed for basic applications, this device is particularly suitable for processing Pressure-sensitive products and offers a flexible and robust overall solution at an affordable price, with maximum functionality. Feeding table and unwinding tray facilitate handling with XL media.

▌ Ergonomic control panel for easy operation
▌ Foldable feed table for easy setup
▌ Pull-out unwinding trough for easy feeding of individual prints of up to 10 m
▌ Autogrip Shafts for user-friendly material loading
▌ Additional control panel at the rear of the machine
▌ Optional: Outfeed table

TECHNICAL DATA

Max. processing width	**1.650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**1,6 N/mm²**
Max. substrate thickness	**40 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**2.175 mm × 1.320 mm × 550 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**400 kg**
Power supply	**1N/PE 230 V AC/50-60 Hz; 1.800 W, 8 A**

NESCHEN HOTLAM 1650 TH

The NESCHEN HotLam 1650 TH with its variable pressure and speed adjustment is aimed at both new and experienced users. A sophisticated roller concept with high contact roller pressure. At 12 metres per minute the Hotlam 1650 produces excellent results – fast. Auto-grip shafts allow for easy material handling.

▌ Manual air pressure and speed adjustment for maximum flexibility
▌ Swing-out Autogrip Shafts for user-friendly loading
▌ Integrated role to role functionality
▌ Additional control panel at the rear of the machine
▌ Optional: Longitudinal cutting unit

TECHNICAL DATA

Max. processing width	**1.650 mm**
Max. processing speed	**12 m/Min.**
Max. contact pressure	**3,1 N/mm²**
Max. substrate thickness	**40 mm**
Roller heating	**160 °C (top roller)**
Dimensions, width × height × depth	**2175 mm × 1320 mm × 650 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**490 kg**
Power supply	**1N/PE 230 V AC/50-60 Hz; 3.400 W, 16 A**

NESCHEN HOTLAM 1650 DOUBLEH

MADE IN EU

The NESCHEN HotLam 1650 DoubleH is the perfect device for experienced professional users. It impresses with the ability to combine Encapsulation of Heat Activated materials and a high working speed. Increasing the Finishing Department's productivity. Material protrusions can be easily removed with the integrated longitudinal cutting solution to prevent open adhesive tapes. Four of the seven Autogrip Shafts are swivel-mounted.

- 2 pairs of main rollers for hot/cold applications
- Swing-out Autogrip Shafts for user-friendly loading
- Pull-out unwinding trough for easy feeding of individual prints of up to 10 m
- Most maintenance and repairs can be completed by a Neschen trained user
- Requires an external compressor for operation

TECHNICAL DATA

Max. processing width	**1.650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**3,1 N/mm²**
Max. substrate thickness	**40 mm**
Roller heating	**160 °C (both rollers)**
Dimensions, width × height × depth	**2.175 mm × 1.390 mm × 850 mm**
Table height	**870 mm on wheels, adjustable up to 850 – 950 mm**
Net weight	**820 kg**
Power supply	**3P+N/PE 230 V AC/50-60 Hz; 8.700 W, 32 A**

NESCHEN PHOTOLAM 650

MADE IN EU

This laminating device, specially developed for photographers, sets new standards in the field of high-quality photo lamination. The innovative NESCHEN PhotoLam 650 makes it possible to apply a protective film and a double-sided adhesive mounting film up to a maximum width of 650 mm to photos and prints in just one operation.

- Ideal for classical photography
- For all types of poster and art prints
- Externally located brakes for film tensioning
- Ergonomic and user-friendly controls
- Robust, free-standing model
- Suitable for use on Mezzanine Floors, due to an easily built frame

TECHNICAL DATA

Max. processing width	**650 mm**
Max. processing speed	**2 m/Min.**
Max. contact pressure	**50 kg**
Max. substrate thickness	**20 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**1.240 mm × 1.070 mm × 950 mm**
Table height	**920 mm on support**
Net weight	**90 kg**
Power supply	**1N/PE 230 V AC/50-60 Hz, 1.600 W, 7 A**