NESCHEN LAMINATORS AND MACHINES
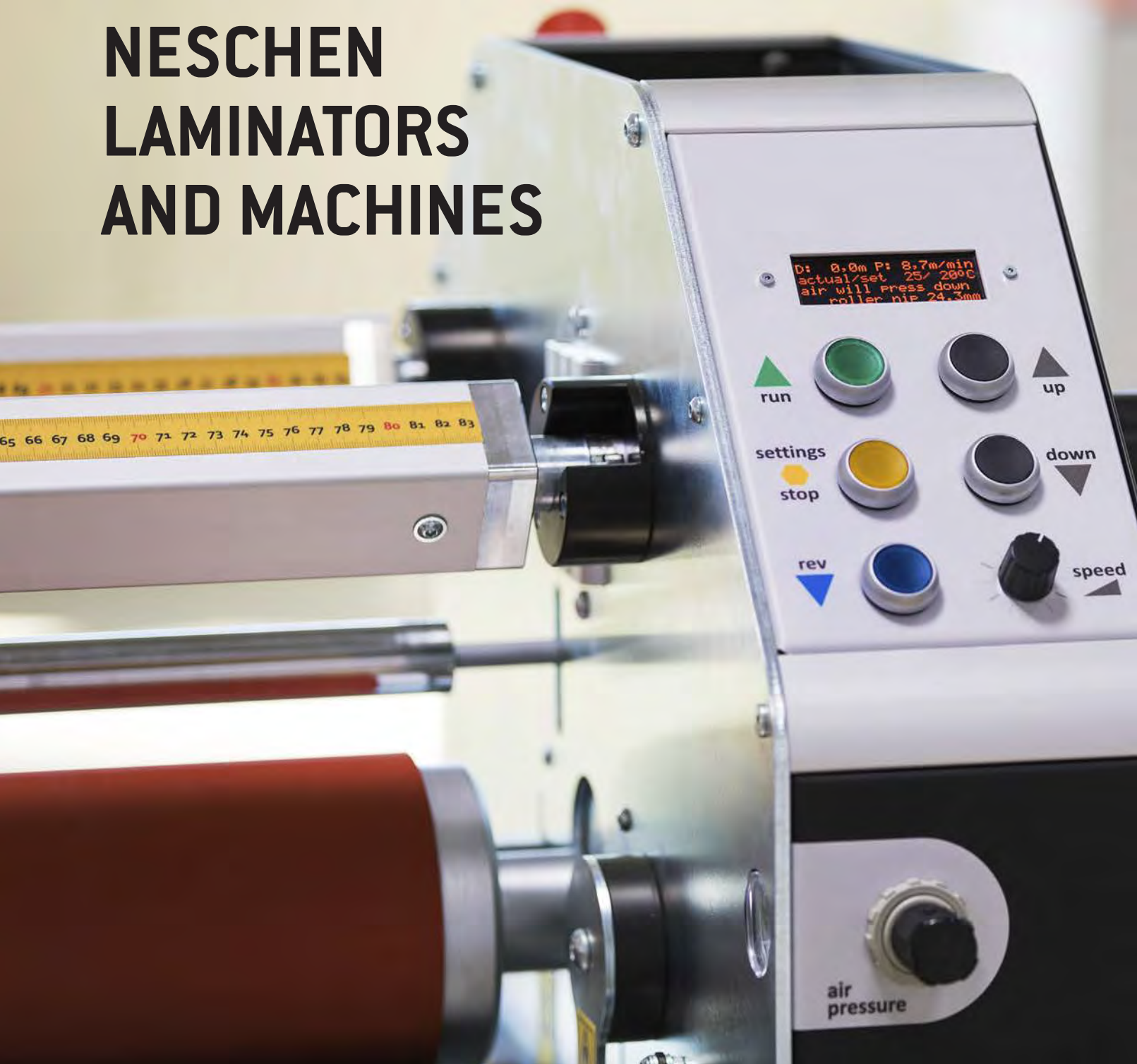
NESCHEN

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MADE IN EU

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	1.650	1.650	1.650	1.650	6.50
max. work width in Inch	65"	65"	65"	65"	26"
max. work speed	4 m/Min.	8 m/Min.	12 m/Min.	8 m/Min.	2 m/Min.
Training time and effort	2	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	●	●	● ●	● ●	●

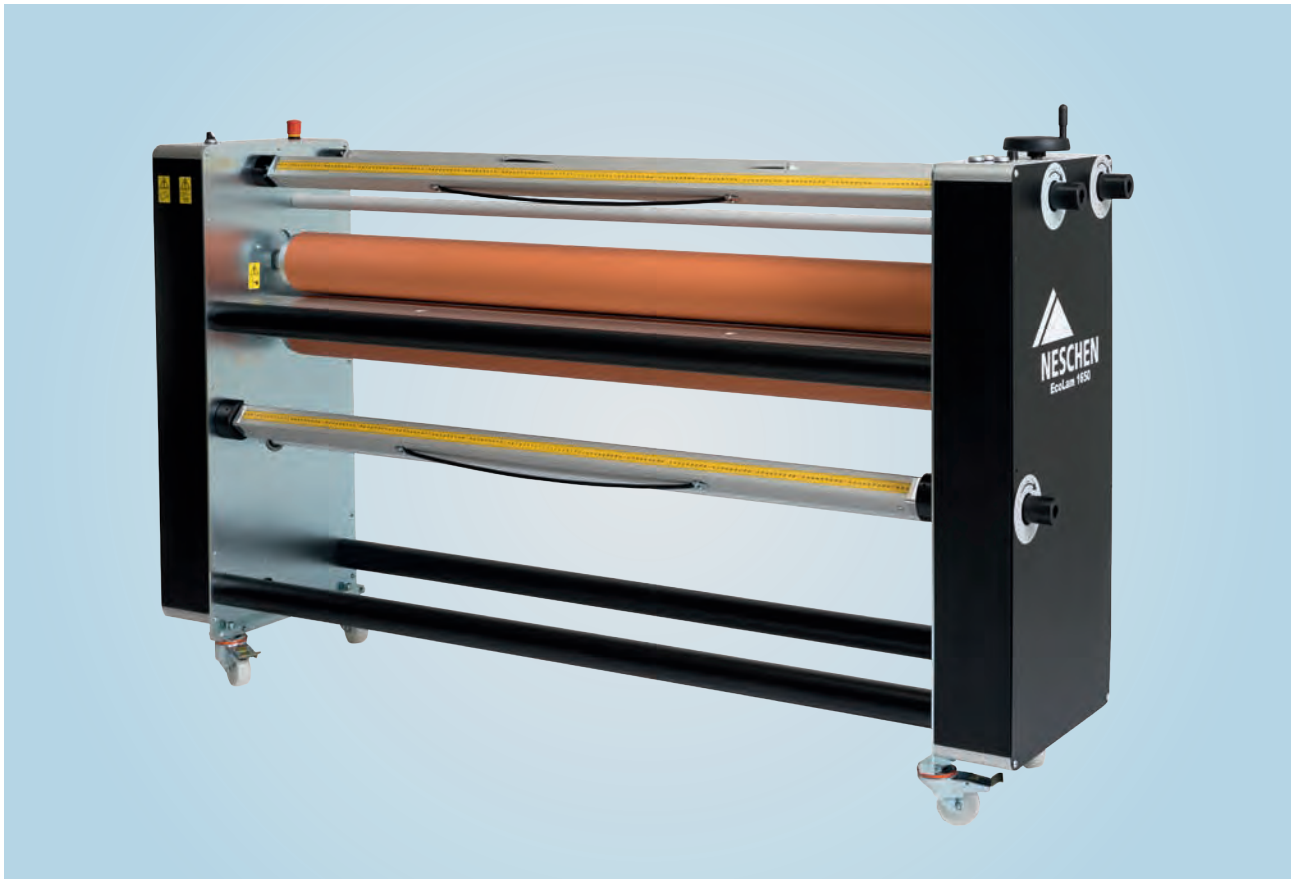*Training effort*

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

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	**Order no.: 6039985**
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
▮ Integrated compressor and roll-to-roll functionality
▮ Optional: Longitudinal cutting unit, 150 mm core adapter, outfeed table

TECHNICAL DATA	**Order no.: 6037409**
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; 1.700 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
- Externally located brakes for better adjustment of film tension
- Integrated compressor and role to role functionality
- Foldable feed table for easy setup
- Additional control panel at the rear of the machine
- Optional: Longitudinal cutting unit, 150 mm core adapter

TECHNICAL DATA	Order no.: 6037411
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	2.175 mm × 1.320 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

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
■ Four swing-out Autogrip Shafts for user-friendly loading
■ Pull-out unwinding trough for easy feeding of individual prints of up to 10 m
■ Externally located brakes for better adjustment of film tension
■ Two foot switches
■ Requires an external compressor for operation

TECHNICAL DATA	Order no.: 6039986
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; 9.000 W, 16 A

NESCHEN PHOTOLAM 650

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**	**Order no.: 6041404**
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**

NESCHEN ROLLCUTTER 1650

The Neschen Rollcutter optimizes stock management. From a large format, you create what you need for your project without any delivery time. You become more flexible and faster - a decisive advantage over your competitors! What's more, leftover stock can be put to good use for smaller-format runs. This reduces handling and storage costs and increases efficiency.

❚ Digital measuring tape for length and width
❚ Autogrip axis can be swiveled
❚ High level of stability and mobility
❚ Drive can be continuously adjusted in two directions
❚ Cutting to length and wrapping up to 200 mm thickness
❚ Cutting to length and wrapping up to 300 mm thickness

TECHNICAL DATA	Order no.: 6041154
Max. processing width	1.650 mm
Max. cutting diameter	200 mm
Max. diameter unwinding axis	300 mm
Dimensions, width × height × depth	2.220 mm × 1.220 mm × 700 mm
Net weight	115 kg
Transport weight	185 kg
Transport dimensions, width × height × depth	2.300 mm × 1.550 mm × 950 mm
Power supply	1N/PE 230 VAC/50 Hz–60 Hz; 600 W; 3 A

NESCHEN CUTTING UNIT:
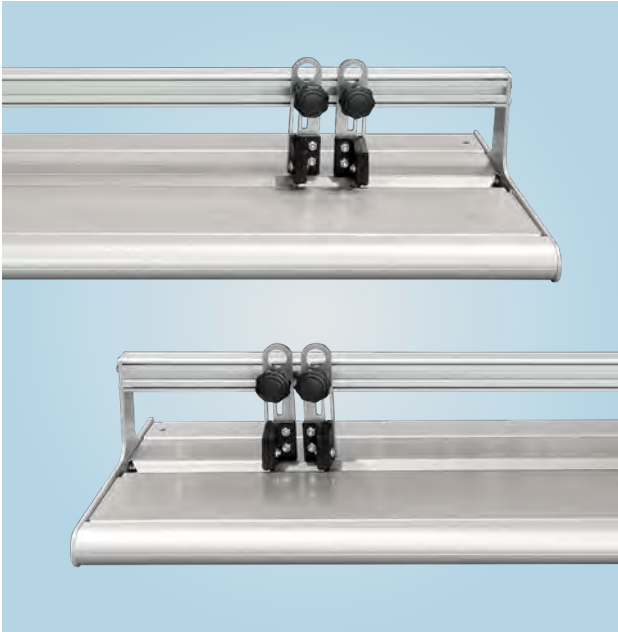
The optionally available NESCHEN cutting unit consists of a knife table with four fixed, replaceable blades. Suitable for NESCHEN ColdLam and HotLam TH laminators.

Order no.:	6040476
PU:	1 cutting unit with
	4 cutting heads including blades

INDUSTRIAL CORE ADAPTER

Adapter for holding 150 mm thick industrial cores. The set consists of two adapters, suitable for all 1.650 mm NESCHEN laminators.

Order no.:	6040877
PU:	1 set for 1 roller/axle

ROLLER TABLES

The set of 2 metal roller tables, each with 15 smooth-running castors, can be flexibly adapted to any machine and task. They each have 2 braked and 2 unbraked swivel castors.

Order no.:	6044476
PU:	1 Set (2 pcs., delivered unmounted)
Measures:	approx. 157 × 56 cm each
Rack height:	85 cm – 95 cm, adjustable

WORK TABLE

Large table on swivel castors for high movability. The 18 mm thick worktop will be delivered in two parts. The lower shelf has an area of approx. 170 × 140 cm.

Order no.:	6044477
PU:	1 Table (delivered unmounted)
Worktop:	approx. 200 × 150 × 1.8 cm
Rack height:	85 cm – 95 cm, adjustable
Plate thickness:	18 mm

SAFETY KNIFE

This safety knife with plastic spring, reliably guides even thin material towards the blade and prevents it from curling it up. Paper and films are cut safely at an optimum 45-degree angle. Blade is replaceable.

Order no.:	6040211
PU:	10 pieces

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