NESCHEN LAMINATORS & MACHINES

NESCHEN

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RELIABLE AND POWERFUL
DESIGNED IN GERMANY - MADE IN EUROPE

Neschen has been setting standards in the world of laminators and machines for over 50 years. We are not only a dealer, but also a manufacturer. Our products and our service stand for the highest quality, innovative technology and user-friendliness. Whether you are a signmaker, photographer, or creative service provider - you will find the right solution for your requirements with us. Thanks to a wide range of devices, accessories, and upgrade options, we offer flexibility and efficiency at the highest level.

SUITABLE FOR EVERY REQUIREMENT

Our laminators are available in different performance classes, so that both beginners and professionals can find exactly the right model. For smaller projects or companies, for example, the Neschen EcoLam 1650 - a cold laminator with an optimum price/performance ratio and optional upgrades such as a high-speed motor function - is ideal. performance ratio and optional upgrades such as a high-speed motor function. For more demanding applications, the ColdLam 1650 SW SR offers additional functions such as swivel material holders and extended configuration options, which are particularly impressive for XL media. If you need even more performance, the HotLam 1650 DoubleH offers two laminators in one.
laminators in one. With double pairs of rollers, this device can handle even the most demanding projects such as hot and cold lamination.

AS INDIVIDUAL AS YOUR PROJECTS

Neschen offers a wide range of accessories and upgrades so that you can fully exploit the potential of your laminators. A slitting unit facilitates the precise cutting of excess material, while the industrial core adapter enables the pro-

cessing of larger (mini-jumbo) rolls. The infeed table with guide rails ensures perfect alignment and optimum results with manual material feed.

FROM PROFESSIONALS - FOR PROFESSIONALS

With Neschen laminators, you are not only opting for innovative technology, but also for a reliable partner reliable partner - from consultation and purchase to retro-fitting. Let us inspire you and discover how our machines can make your work easier, faster, and more efficient.

PRODUCT OVERVIEW

WHICH LAMINATOR IS THE BEST FOR YOU?	NESCHEN ECOLAM 1650	NESCHEN COLDLAM 1650 /SR	NESCHEN COLDLAM 1650 SW /SW SR	NESCHEN HOTLAM 1650 TH	NESCHEN HOTLAM 1650 DOUBLEH	NESCHEN PHOTOLAM 650
Max. Working width in mm	1.650	1.650	1.650	1.650	1.650	650
Max. Working width in inches	65"	65"	65"	65"	65"	26"
Max. Working speed	4 m/Min.*	8 m/Min.	8 m/Min.	12 m/Min.	8 m/Min.	2 m/Min.
Number of shafts	3 (4**)	4	4	5	7	3
Training time & effort	2	2	2	3	4	1
Volume of work	medium	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	🔵	🔵	🔵	🔴🔵	🔴🔵	🔵

*   Max. 8 m/Min. when upgraded with optional high-speed motor

** With optional windup assy

LEGEND

🟠 Scope of application

🔵 Typical applications for cold laminations

🔴 Typical applications for hot laminations

TRAINING EFFORT
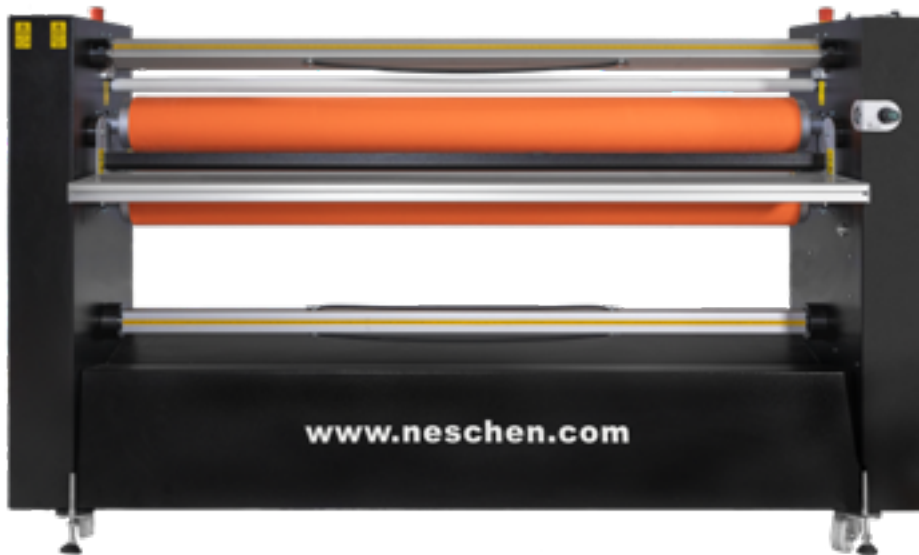
1: No training

2: Minimal

3: Moderate

4: Intensive

NESCHEN ECOLAM 1650

The Neschen EcoLam 1650 is a pressure sensitive machine to provide excellent results with a wide range of materials. It offers real flexibility and high performance for end users with low throughput. Due to the excellent price-performance ratio, the EcoLam 1650 laminator is particularly suitable for advertising technicians and small to medium display-based businesses who want to provide a wider range of applications and have no need for a machine with shrink-wrapping options.
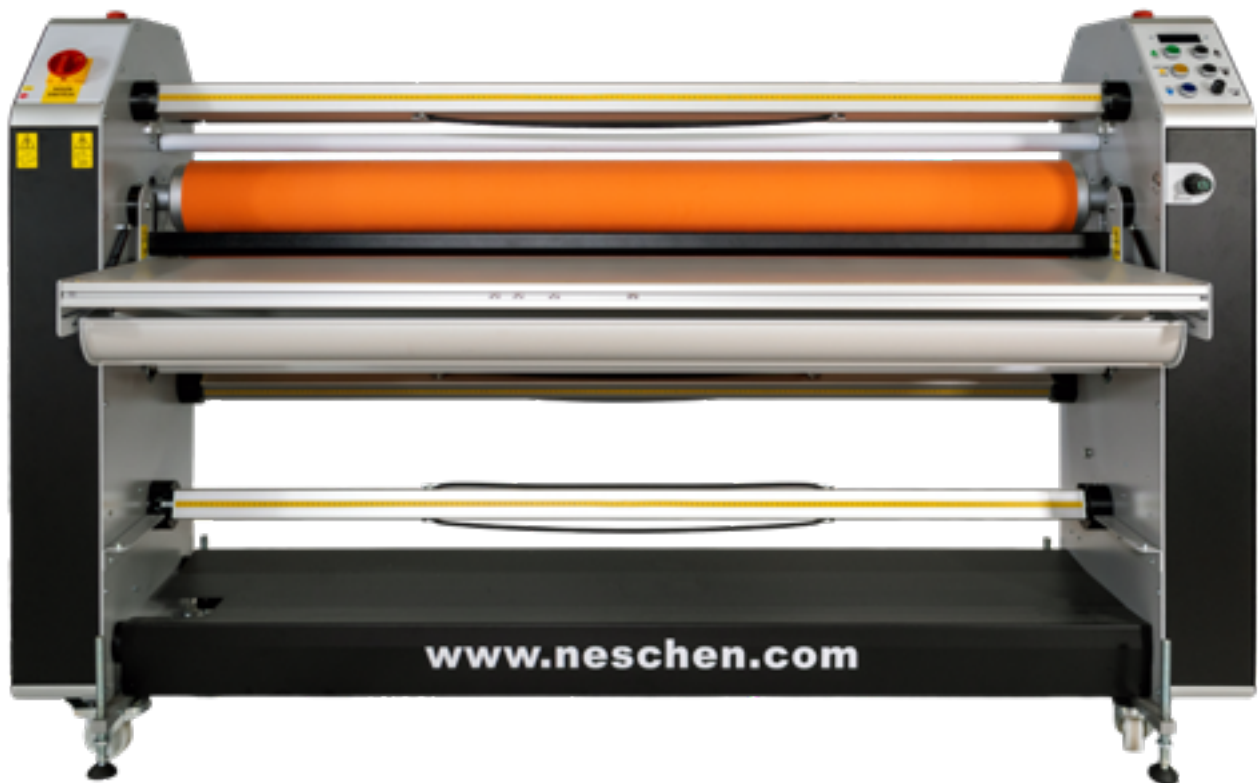
- Pneumatic pressure and manual speed adjustment
- Externally located brakes for film tension adjustment
- Built-in compressor for pneumatic roller lifting
- Foldable feed table for easy setup
- Ergonomic control panel on the top of the machine
- Auto-grip shafts for user-friendly material loading
- Optional cutting system
- Available upgrades:
  Additional upwind assy (order no.: 6046256)
  High-speed motor 8 m/Min. (order no.: 6046257)

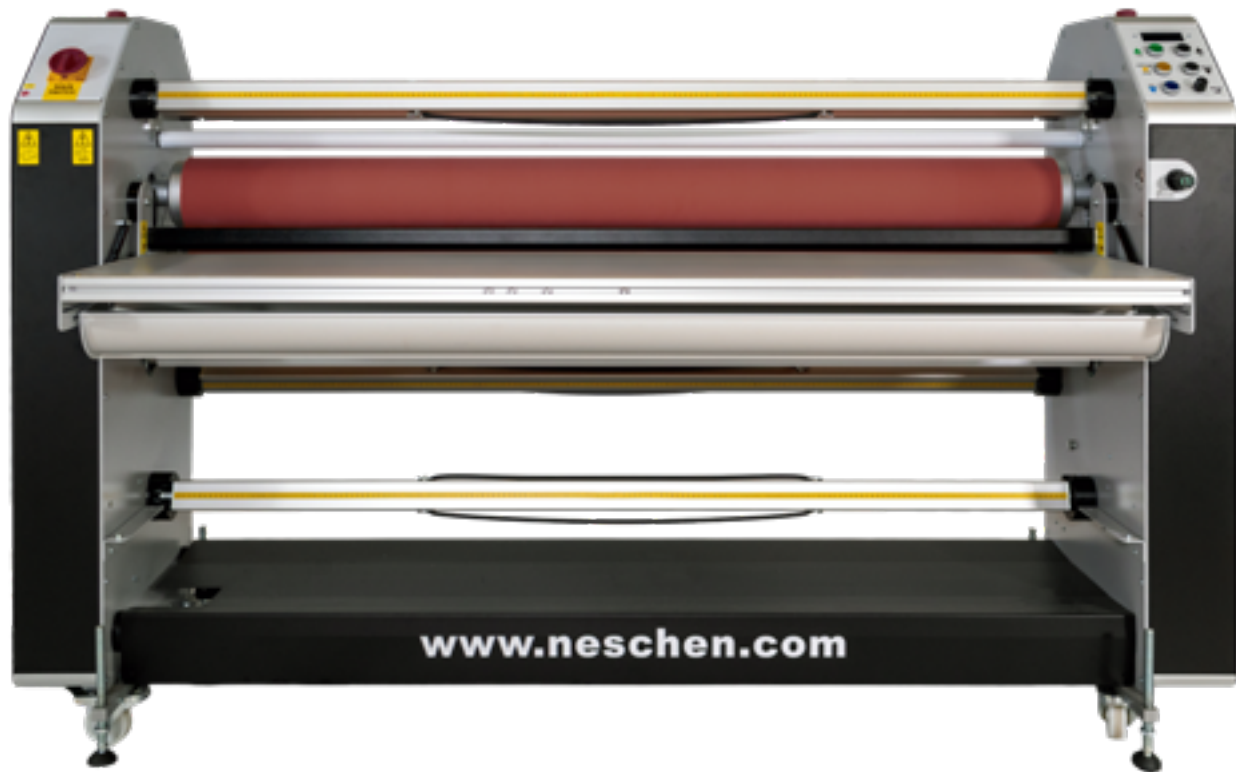| TECHNICAL DATA	Order no.: 6046157
Max. processing width	1650 mm
Max. processing speed	4 m/Min. (max. 8 m/Min. with optional high-speed motor)
Max. contact pressure	1.6 N/mm
Max. substrate thickness	40 mm
Roller heating	top roller 40 °C or 50 °C
Dimensions, width × height × depth	2180 mm x 1300 mm x 650 mm
Table height	860 mm on wheels, adjustable up to 940 mm
Net weight	270 kg
Power supply	230V, 50/60Hz, 8A, 1P+N+PE, 1700W

NESCHEN COLDLAM 1650

The Neschen ColdLam 1650 is our tried and tested all-rounder. Designed for basic applications, this laminator is this laminator is particularly suitable for processing pressure-sensitive products and offers a flexible and robust overall solution at an affordable price, with maximum functionality. The feed table and the 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
❚ Auto-grip 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, infeed-table add-on pack

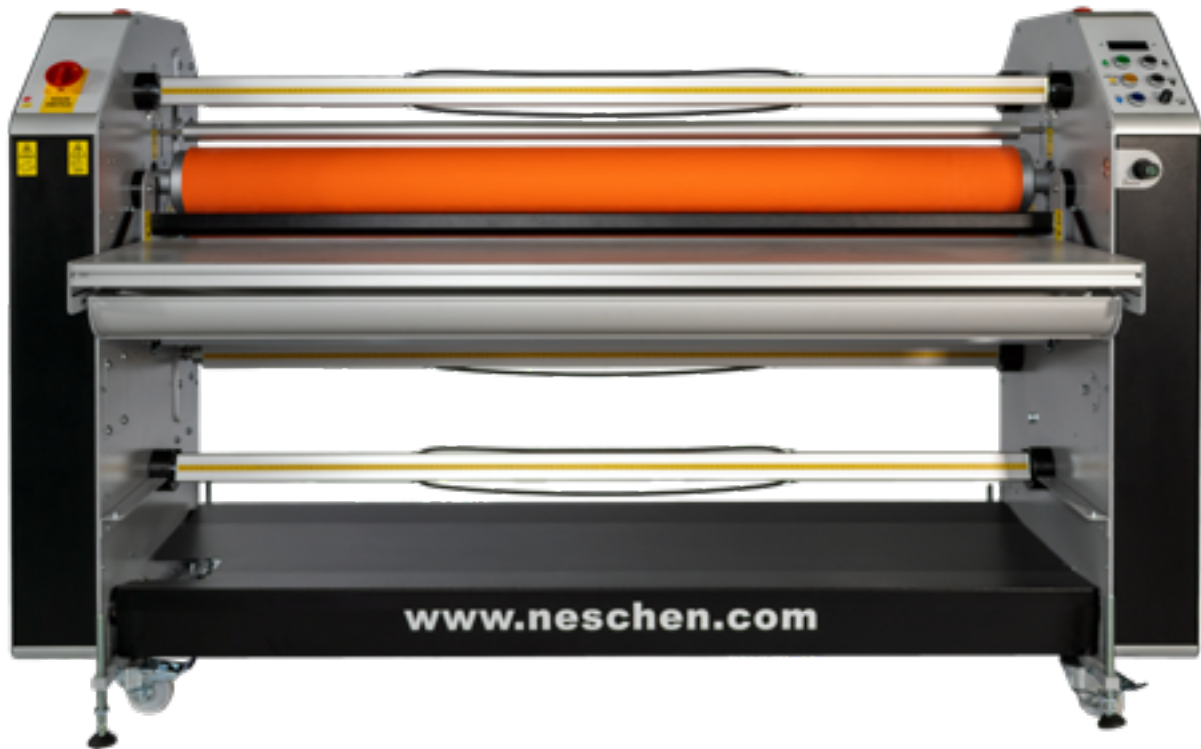| TECHNICAL DATA	Order no.: 6037409
Max. processing width	**1650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**1.6 N/mm**
Max. substrate thickness	**40 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**2180 mm x 1340 mm x 880 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**400 kg**
Power supply	**230V, 50/60Hz, 8A, 1P+N+PE, 1700W**

NESCHEN COLDLAM 1650 SR

Equipped with two silicone rollers, the Neschen ColdLam 1650 SR produces perfectly clean results. Designed for basic applications, this laminator is for processing pressure-sensitive products and offers a flexible and robust overall solution at an affordable price, with maximum functionality. The feed table and the unwinding tray facilitate handling with XL media.

▮ Silicone rollers for perfectly clean results
▮ 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
▮ Auto-grip 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, infeed-table add-on pack

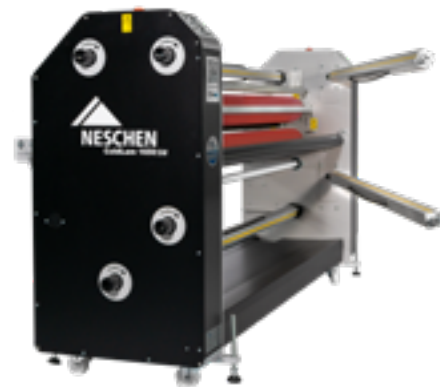| TECHNICAL DATA	Order no.: 6044934
Max. processing width	**1650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**1.6 N/mm**
Max. substrate thickness	**40 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**2180 mm x 1340 mm x 880 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**400 kg**
Power supply	**230V, 50/60Hz, 8A, 1P+N+PE, 1700W**

NESCHEN COLDLAM 1650 SW

The Neschen ColdLam 1650 SW is a pressure sensitive machine with heat assist on the top roller (70 degrees). It offers real flexibility and high-performance levels for small and medium-sized businesses. The two rear swing-out shafts allow easy material loading. Due to the excellent price-performance ratio, the ColdLam 1650 SW laminator is particularly suitable for advertising technicians.

▌ Ergonomic control panel for easy operation
▌ Foldable feed table for easy setup
▌ In-feed trough for easy feeding of individual prints of up to 10 m
▌ **Swing-out shafts** for easy 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, infeed-table add-on pack

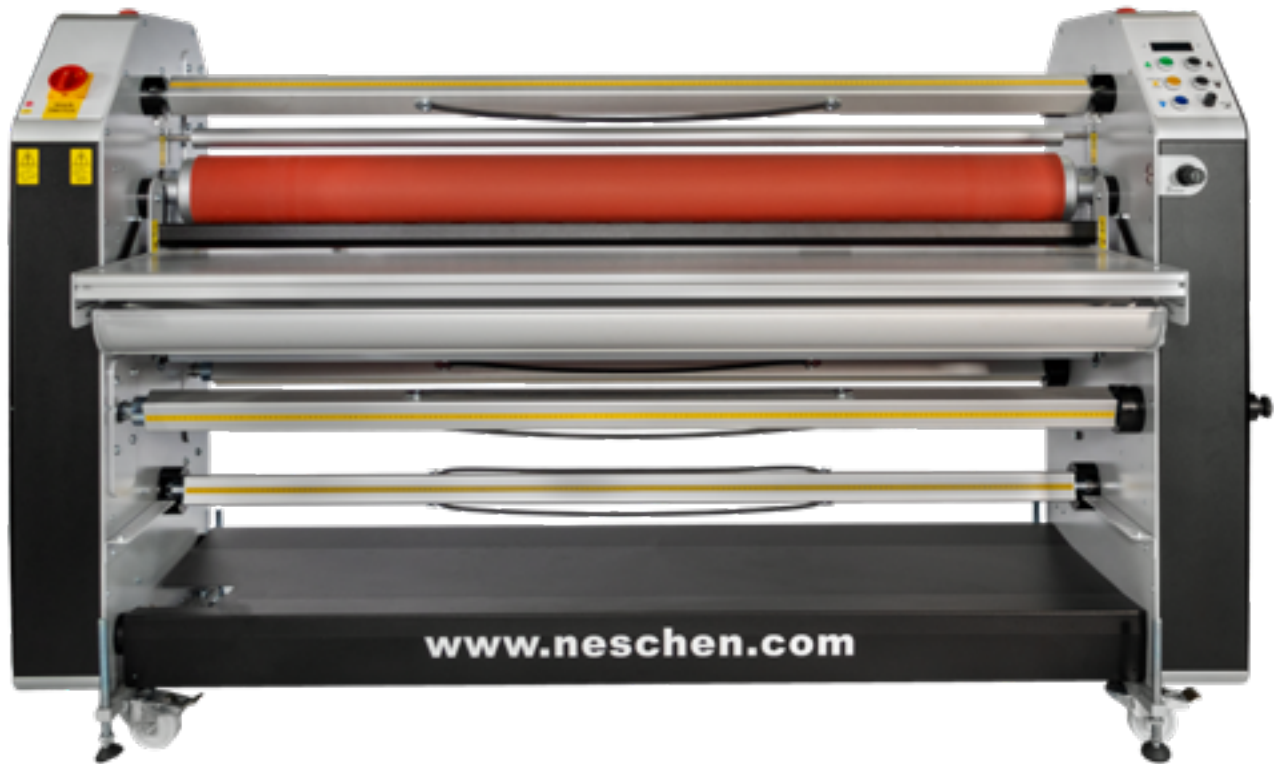| TECHNICAL DATA	Order no.: 6046466
Max. processing width	**1650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**1.6 N/mm (3.1 N/mm with ext. compressor)**
Max. substrate thickness	**40 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**2180 mm x 1340 mm x 920 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**465 kg**
Power supply	**230V, 50/60Hz, 8A, 1P+N+PE, 1700W**

NESCHEN COLDLAM 1650 SW SR

With its heatable top roller (70 °C), the Neschen ColdLam 1650 SW SR is a laminator for a wide range of materials with pressure-sensitive adhesives. The silicone rollers (SR) with their perfect non-stick effect ensure clean results. The Neschen ColdLam 1650 SW SR offers flexibility and high performance. The two swivel axes at the rear enable easy material loading. Due to the good price-performance ratio, the ColdLam 1650 SW SR laminator is the ideal particularly suitable for advertising technicians.

- Silicone rollers for perfectly clean results
- Ergonomic control panel for easy operation
- Foldable feed table for easy setup
- In-feed trough for easy feeding of individual prints of up to 10 m
- **Swing-out shafts** for easy 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, infeed-table add-on pack

TECHNICAL DATA	Order no.: 6046691
Max. processing width	**1650 mm**
Max. processing speed	**8 m/Min.**
Max. contact pressure	**1.6 N/mm (3.1 N/mm with ext. compressor)**
Max. substrate thickness	**40 mm**
Roller heating	**70 °C (top roller)**
Dimensions, width × height × depth	**2180 mm x 1340 mm x 920 mm**
Table height	**870 mm on wheels, adjustable up to 950 mm**
Net weight	**465 kg**
Power supply	**230V, 50/60Hz, 8A, 1P+N+PE, 1700W**

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 meters per minute the HotLam 1650 produces excellent results – fast. Auto-grip shafts allow for easy material handling. The longitudinal cutting unit brings your product to the exact end format.

❚ Manual air pressure and speed adjustment for maximum flexibility
❚ Swing-out auto-grip 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: 150 mm core adapter, infeed-table add-on pack

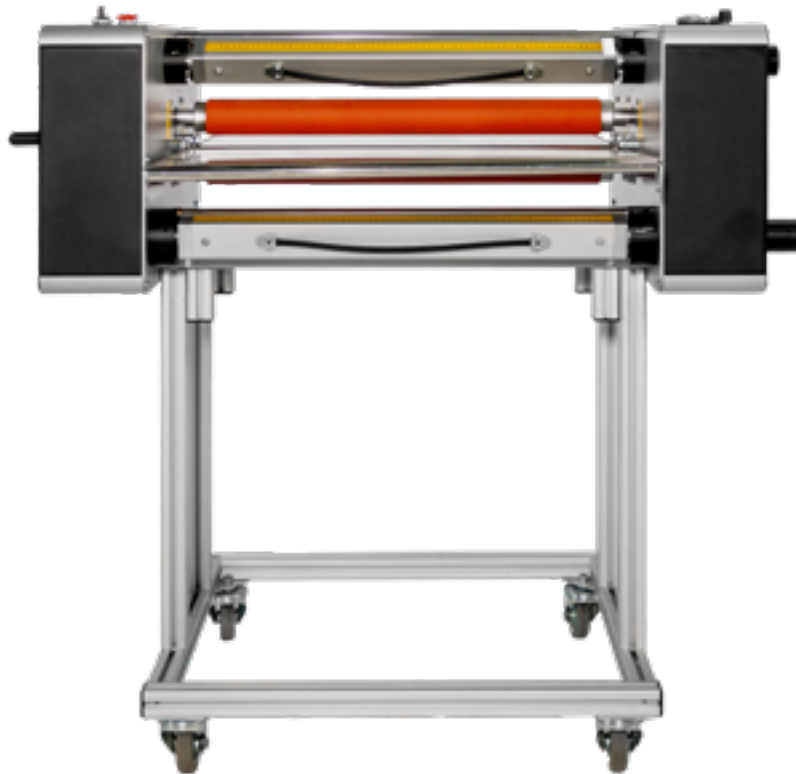| TECHNICAL DATA	Order no.: 6037411
Max. processing width	1650 mm
Max. processing speed	12 m/Min.
Max. contact pressure	1.6 N/mm (3.1 N/mm with ext. compressor)
Max. substrate thickness	40 mm
Roller heating	160 °C (top roller)
Dimensions, width × height × depth	2210 mm x 1340 mm x 920 mm
Table height	870 mm on wheels, adjustable up to 950 mm
Net weight	490 kg
Power supply	230V, 50/60Hz, 16A, 1P+N+PE, 3400W

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 auto-grip shafts are swing-outs.

- 2 pairs of main rollers for hot/cold applications
- Four swing-out auto-grip 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
- Requires an external compressor for operation
- Two foot switches
- Optional: 150 mm core adapter, infeed-table add-on pack

TECHNICAL DATA	Order no.: 6039986
Max. processing width	1650 mm
Max. processing speed	8 m/Min.
Max. contact pressure	3.1 N/mm
Max. substrate thickness	40 mm
Roller heating	160 °C (both rollers)
Dimensions, width × height × depth	2210 mm x 1420 mm x 1360 mm
Table height	870 mm on wheels, adjustable up to 950 mm
Net weight	820 kg
Power supply	230V, 50/60Hz, 16A, 3P+N+PE, 9000W

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 mezzanines, 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	**1250 mm × 1180 mm × 960 mm**
Table height	**920 mm on support**
Net weight	**115 kg**
Power supply	**230V, 50/60Hz, 6A, 1P+N+PE, 1300W**

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
▌ Auto-grip 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 diameter
▌ Cutting to length and wrapping up to 300 mm diameter

TECHNICAL DATA	Order no.: 6041154
Max. processing width	1650 mm
Max. cutting diameter	200 mm
Max. diameter unwinding axis	300 mm
Max. processing speed	60 m/Min.
Dimensions, width × height × depth	2260 mm x 1350 mm x 680 mm
Net weight	215 kg
Transport dimensions, width × height × depth	2300 mm × 1550 mm × 1000 mm
Power supply	230V, 50/60Hz, 3A, 1P+N+PE, 600W

ACCESSORIES

The right accessories for your Neschen laminator will make your daily work even easier and more efficient. At Neschen, we know what is important in day-to-day business and have therefore put together a range of useful accessories for you. The Neschen accessories are 100% compatible with our laminators and machines and offer the same high quality you have come to expect from us.

Are you still missing something to make your daily work even more efficient that is not listed here?
- Just let us know! We will be happy to find a customized solution for you!

LONGITUDINAL CUTTING UNIT   Order no.: 6040476

The optionally available Neschen cutting unit consists of a knife table with two fixed, interchangeable blades. The longitudinal cutting unit consists of a cutting unit with two cutting heads and a cross cutter.
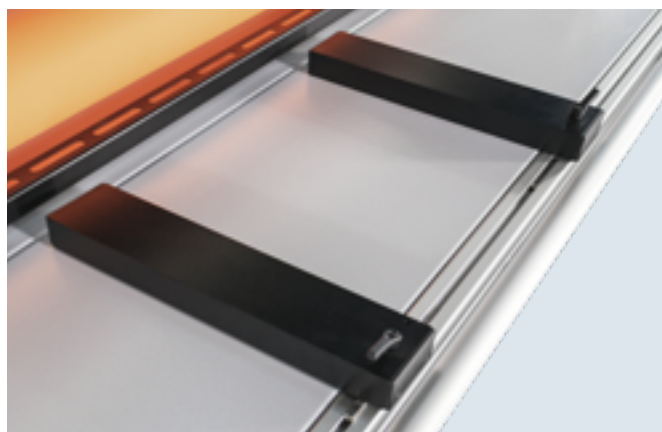

INDUSTRIAL CORE ADAPTER   Order no.: 6040877

Adapter for holding 150 mm thick industrial industrial cores. The set consists of two adapters for one roller/axle. It fits all 1,650 mm Neschen laminators.

INFEED TABLE ADD-ON PACK   Order no.: 6045674

This accessory package for the infeed table consists of a set with two alignment guides and an idler rod, which ensure that the print material or panels are fed to the laminator in a clean, aligned position. The guides are fixed in place with a lever. The sales unit consists of one set.

ROLLER TABLES   Order no.: 6044476

The set of two metal roller tables, each with 15 smooth-running castors, can be flexibly adapted to any machine and task. They each have two braked and two unbraked swivel castors. The roller tables are supplied as a kit in sets of two.

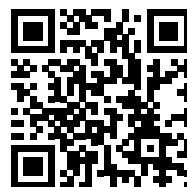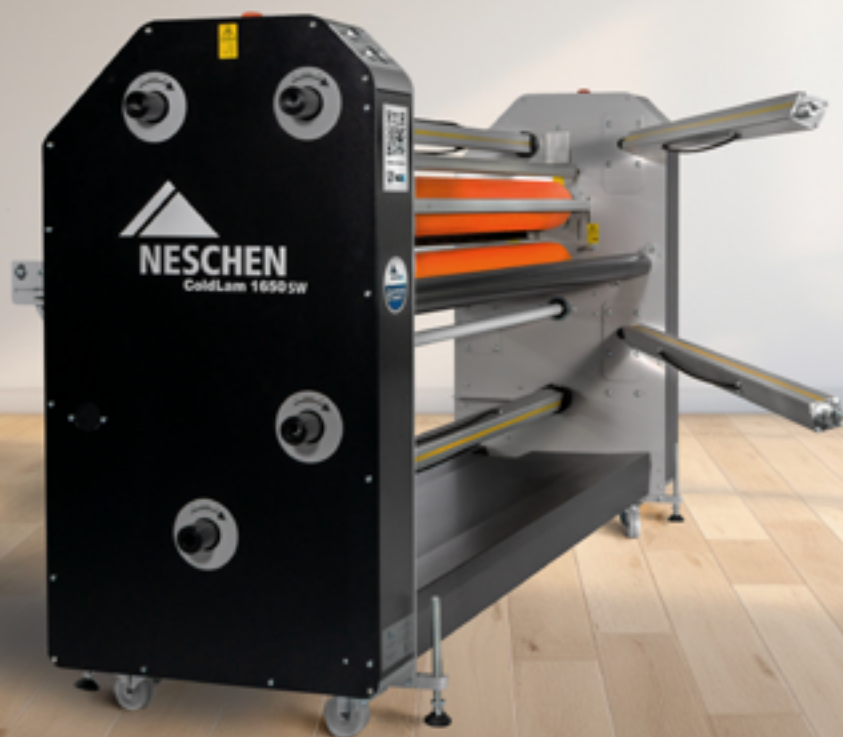| DIMENSIONS	
Measures	**each approx. 157 × 56 cm**
Rack height	**85 cm – 95 cm**

WORK TABLE   Order no.: 6044477

Large table, on castors (two with brakes) for flexible positioning. The 18 mm thick worktop is supplied in two parts. The lower shelf has a surface area of approx. 170 × 140 cm. The worktable is supplied as a kit.

DIMENSIONS	
Worktop	**approx. 200 × 150 × 1.8 cm**
Rack height	**85 cm – 95 cm**
Plate thickness	**18 mm**

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