



**shield**

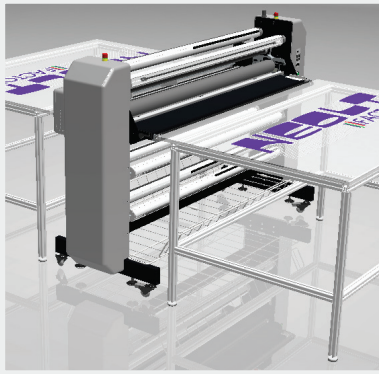
Pneumatic Neolam for car wrapping paper  
transformation industry and sign-making



Its code name is Shield. It is the new lamination platform, entry-level, very high performance. Thanks to the use of pneumatic technology, the Shield laminators range reduces the set-up and preparation time of the machine and does not need any specialized personnel. Compared to the laminators with electric pressure technology, the possibility of error in the calculation of thickness is actually reduced to zero.

The shield platform is designed and manufactured to fit the widest range of applications, from vehicles and environments wrapping to paper-transformation industry, to expand to all kinds of applications of visual communication and sign-making.

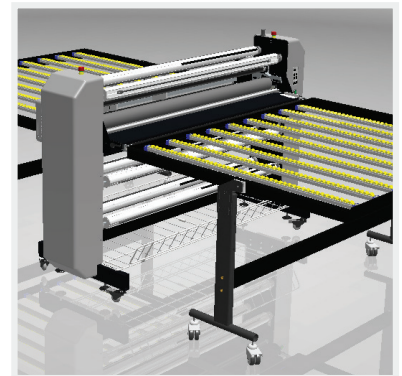
### Wrapping Edition: backlit working tables



The Shield range can be identified as the most performing solution on the market for wrapping applications with adhesive materials, which include both vehicle decoration and renewal of furniture and environments with special films. The purchase of one machine of the Shield range does not mean you are buying a simple laminator but a work station end-to-end with motorized double roll and automatic rotary cutting system that can be completed with dedicated back-lighted and scratch-resistant tables and equipped with drawers for tools and a basket for waste collection. The basic entry and exit tables have standard dimensions but it is always possible to order folding additional units to enlarge the working area in a dynamic way. The lamination rolls are also coated with a special type of silicone that enables an easy adhesion of the laminating film on the material.

### Flatbed edition: feeding tables/ rolls discharge

The Shield range is perfectly suitable for all professional needs in paper-transformation industry and for the sale point materials. The possibility of combining entry and exit tables to rolls, together with the pneumatic pressure motor, enables to place the Shield laminator exactly halfway between a UV or water-based flatbed digital printer and a flat digital cutting system ( i.e. Zund,Kongsberg, Elitron, etc.. ).



#### WHY NEOLT

Is the only 100% Italian and Italy-based manufacturer of UV inkjet printing technologies with the capacity and potential to design and build totally machines that produce.



#### THE FACTORY

R&D + Prototyping  
↓  
Manufacturing  
↓  
Assembly & Logistics



#### HOW WORK

- Design & prototyping
- Cutting of raw plate
- Folding
- Welding
- Varnishing
- Quality control of semiprocessed materials
- Pre-assembly of subgroups
- Final assemblage
- Testing
- Final quality control
- Delivery

## The benefits of the SHIELD series:

- + plug & Play: the laminators of the Shield range are equipped with internal compressor: just plug in, bring the machine to temperature and start working.
- + eco-friendly: the air pressure system has a real lower energy consumption than the electric motors';
- + self-adaptive: the air pressure system at independent pistons automatically adapts to the different thicknesses and to the frequent differences of media planarity. The rollers simply adapts to the surface in real time;
- + flexible: it is possible to define in advance the pressure to be applied on each media. Once the material has been placed it is always possible to regulate the pressure.
- + the Shield range comes standard delivered with many accessories with optional.
- + The complete platform includes all kinds of rollers, counter-rollers, cylinders unwinders and rewinders.
- + This architecture allows a limited entry investment and full upgradeability and investment protection in the medium/long term.
- + cold or hot: the basic version is for cold lamination, with heated rolls up to 50 °C as optional;
- + on line cut: the Shield range has two exit vertical cutting units as optional which can increase in quantity and can be positioned according to the specific user's requirement. Moreover, you can also add the manual horizontal cutting unit.

**COME, SEE AND DISCOVER**  
*our production processes.*

**TEST WHAT YOU WANT**  
*Is that suitable for you ?*

**CHOOSE THE DETAILS**  
*And the finishes you like the most.*

**BRING IT AT HOME**  
*o we deliver it to you!!*

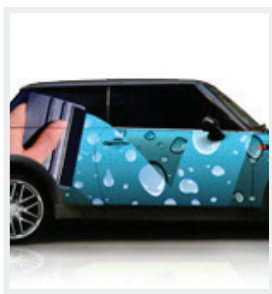
**TRAVEL, BOARD**  
*and lodging are included.\**

**NEOLT**  
FACTORY

*Live the experience !!!*



*\*You can ask for info and existing conditions when you fix an appointment for your visit. Subject to availability.*



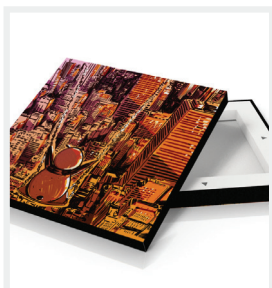
#### Wrapping-retraining:

the Shield range is ideal with cast vinyls for vehicles decoration, home furniture renovation, space and location setting up.



#### Paper-transformation industry:

the Shield range may represent the ideal protection system for packaging and paper applications on corrugated cardboard printed with UV and water based technologies. Shield can work triple wave cartons and honeycomb of high thickness.



#### Visual communication:

the Shield range is ideal to protect sandwich panels up to 30mm of thickness like Kapa, Kapatex, Honeycomb, etc. for applications in setting up, decoration stores, etc...



#### POS materials:

the Shield range enables to protect in an economic and efficient way printed materials of floor and counter displays ,rotair, promotional islands and many other solutions for POP communication.

### Main features:

- ✓ Dimensions: 220 x 78 x h150 cm
- ✓ Max working width: 1650 mm.
- ✓ Max speed: 3 m/min.
- ✓ Max laminating thickness: 30 mm.
- ✓ Depth table included: 770mm.
- ✓ Height working table: 910 mm.
- ✓ Net weight: 400 Kg.
- ✓ Electrical requirements: 230v - 50Hz / 110v - 60Hz
- ✓ Power consumption: Max. 2,5A - 400W
- ✓ Compressed air: 6Bar



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