



XPU

THE FULLY AUTOMATIC PALLET LABELING SOLUTION

- Perfect printing & applying of GS1 compliant DIN A5 pallet labels
- Labels up to 200 pallets per hour with 2 labels at only 1 pallet stop
- Robust protective housing for rough environments
- Label-, data- & process management via TRACE-it Software
- Validation of barcodes

NOVEXX
SOLUTIONS

PRINT AND APPLY FULLY COMPLIANT PALLET LABELS

The XPU Pallet Labeler offers high levels of reliability, efficiency and user-friendliness, including demanding 24/7 applications, and delivers outstanding print results even in the rough conditions of a logistics environment.

HIGH PRODUCTIVITY

- Reliable labeling of one or two adjacent pallet sides with just one pallet stop
- Up to 200 pallets per hour with 2 labels per pallet

GS1 COMPLIANCE

- Print and apply GS1 compliant labels on your pallets
- The traceability of your pallets is guaranteed along the entire supply chain

HIGHEST DEGREE OF RELIABILITY

- The heart of the XPU is the intelligent & reliable XPA 936 Print & Apply System
- Excellent print results at 300 dpi print resolution
- The XPA 936 can be controlled by any web browser using the web interface

ROBUST DESIGN

- The compact and sturdy design of the XPU means it can also withstand harsh environments and demanding requirements
- Transparent housing allows good view on the process and protection for the operator

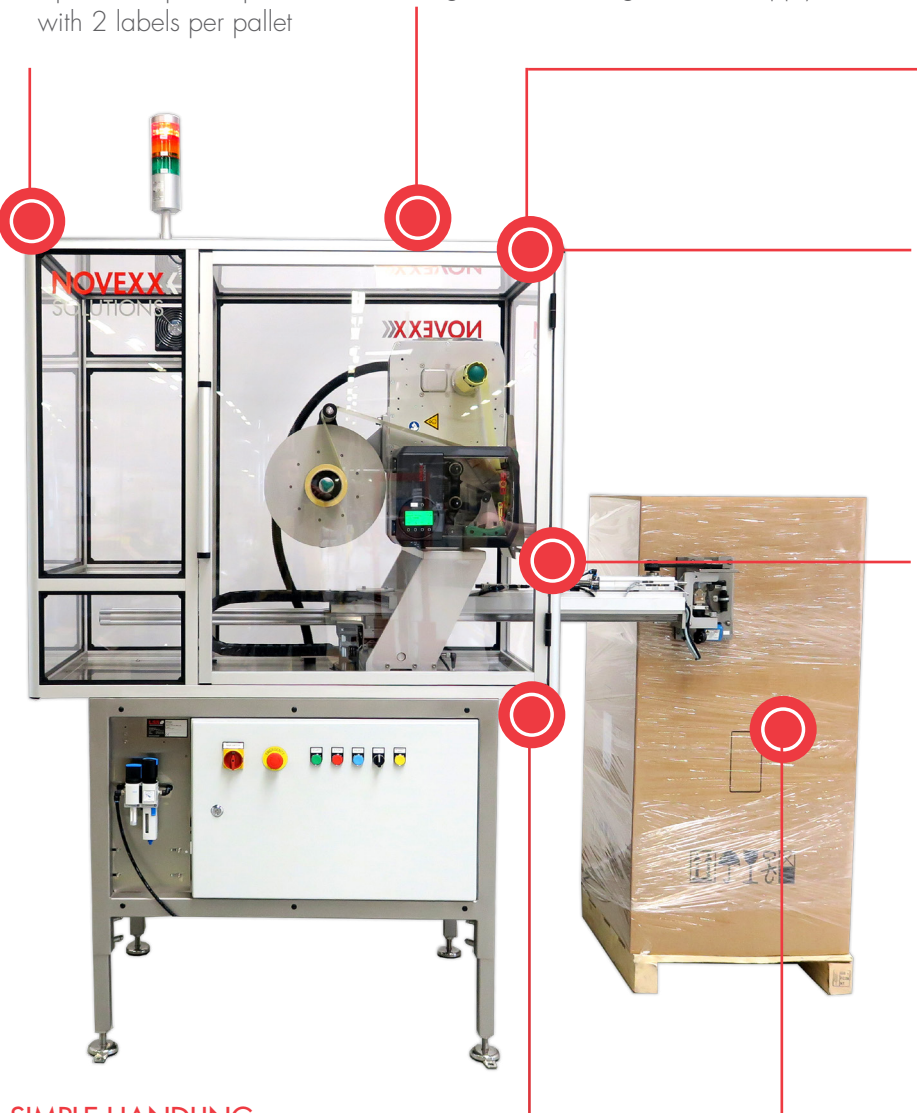
HIGH FLEXIBILITY

- Best print results for script, logos, barcodes, variable or fixed data
- The XPU Pallet Labeler can be positioned on the left or right of the conveyor belt, as required
- The flexible telescopic applicator labels one or two sides, as desired, with just one pallet stop



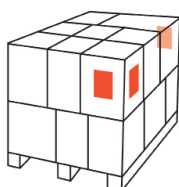
IN-LINE BARCODE VALIDATION

- An integrated barcode scanner checks the readability of the barcodes during the labeling process
- This ensures that the pallet is only forwarded once a complete barcode label has been applied



SIMPLE HANDLING

- Easy data handling and straightforward control via ethernet
- A door at the front of the housing facilitates quick and simple change of label rolls and thermal transfer ribbon
- Easy access to the applicator arm and the XPA 936 Print & Apply System enables fast maintenance



LABELING 3 SIDES OF THE PALLET

- Occasionally more labels per pallet may be required
- The XPU Pallet Labeler can optionally apply labels to 3 pallet sides

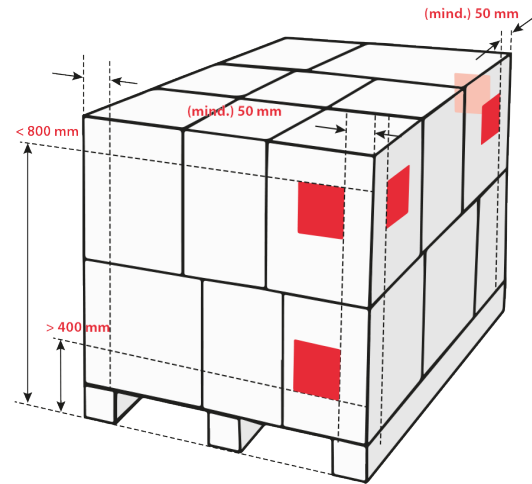
WORLDWIDE ON THE SAFE SIDE – THE GS1 STANDARD

Ensure the correct labeling and seamless traceability of your pallets from the moment they leave your premises to when they arrive at the intended destination. Here's what you should pay attention to on your pallet label:

LABELING IN ACCORDANCE WITH GS1*

- The core element and mandatory part of the GS1 transport label is the SSCC (Serial Shipping Container Code), which allows traceability of the pallet along the entire supply chain
- Further information such as GLN (Global Location Number) of the delivery address, batch number or weights are also encoded in the GS1-128 label
- The fields, field length and code numbers are standardized so that all goods can be unambiguously identified with a barcode scanner
- All barcodes must be complete and fully readable
- The pallet label is in upright A5 format
- Normally, two labels are applied to a pallet on two adjacent sides

POSITIONING THE PALLET LABEL



The barcode labels on pallets must be attached between 400 mm (lower edge of the lower barcode) and 800 mm (upper edge of the upper barcode) above the stand space. The label must be applied at least 50 mm away from all vertical edges to avoid damage.



* The most common normative labeling rules can be found online at www.gs1.org

THE CORRECT LAYOUT OF A GS1 LOGISTICS LABEL

NOVEXX SOLUTIONS	
Ship to: NOVEXX Solutions Olimstraße 3 85386 Eching Germany	
Item: NOVEXX Solutions XPA 936	
Item GTIN 03453120002787	Order Reference IN 001
Best Before Date 23/03/2023	Carton Quantity 0020
SSCC 35704368000000011	Batch Number 12345NXX

Header segment: Contains information that can be formatted as desired, e.g. information on the consignor or consignee

Middle segment: Plain text statement of the information encoded in the barcode. The data content must be displayed in a character size of at least 7 mm

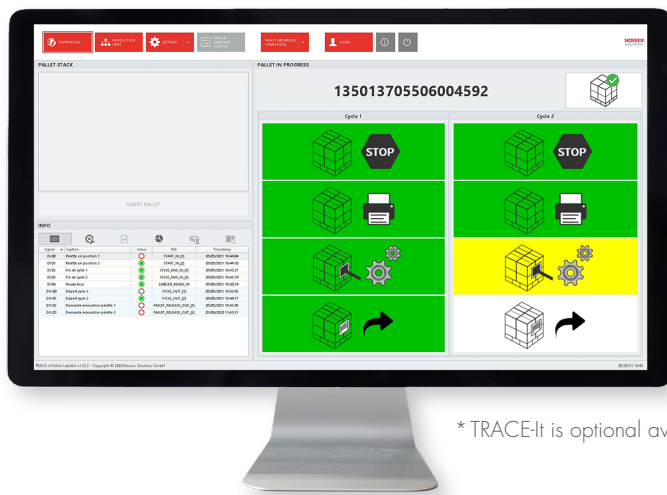
Footer segment: The data is encoded in a GS1-128 barcode. The SSCC is the only mandatory information on the transport label

INTELLIGENT PALLET LABELING SOFTWARE

Print data can be sent fully automatically to the pallet labeler via the TRACE-it data management software from NOVEXX Solutions. TRACE-it connects, manages and controls all labeling operations in the production process in one central place - for high transparency and accuracy in the different process steps.

Using a PLC or scanner, TRACE-it knows when the pallet is there, what it is loaded with, what needs to be printed and when the labeling process is finished.

When a pallet is finished being packed and labeled, feedback is sent to the system. The pallet is released and goes to the warehouse or to shipping. The system manages and stores the exact path of the pallet.



* TRACE-It is optional available

TRUST THE EXPERTS

HIGH PERFORMANCE HARDWARE SOLUTIONS

NOVEXX Solutions offers a wide portfolio of hardware solutions for labeling applications or variable data printing. In addition to Print & Apply Systems our identification solutions also include Labelers, Label Printers, Printing Systems and Plug & Play Complete Solutions – developed and manufactured in Germany. Trust in the many years of experience of NOVEXX Solutions - your partner for identification solutions.

SEAMLESS INTEGRATION

NOVEXX Solutions experts support you during the integration process and beyond. High-performance hardware is one thing, but smooth integration into your production environment is not less important. We take the time to understand your processes and needs in detail so that we can offer the optimal solution for your company. We are always at your side - from finding the solution and integrating the system to maintenance and repair.

HIGH QUALITY CONSUMABLES

We offer a wide range of thermal transfer ribbons and self-produced labels, such as blank labels for variable data, labels with security features or full-color labels with individual designs. Our reliable consumables fit perfectly to the NOVEXX Solutions hardware. We promise first-class print quality and perfect labels.

DATA MANAGEMENT SOFTWARE TRACE-IT®

TRACE-it, the fully integrated software solution for central data and process management, completes the NOVEXX Solutions portfolio. The software supports companies in various industries in optimizing labeling and identification processes. No matter if they need to label individual products, containers, or entire pallets.