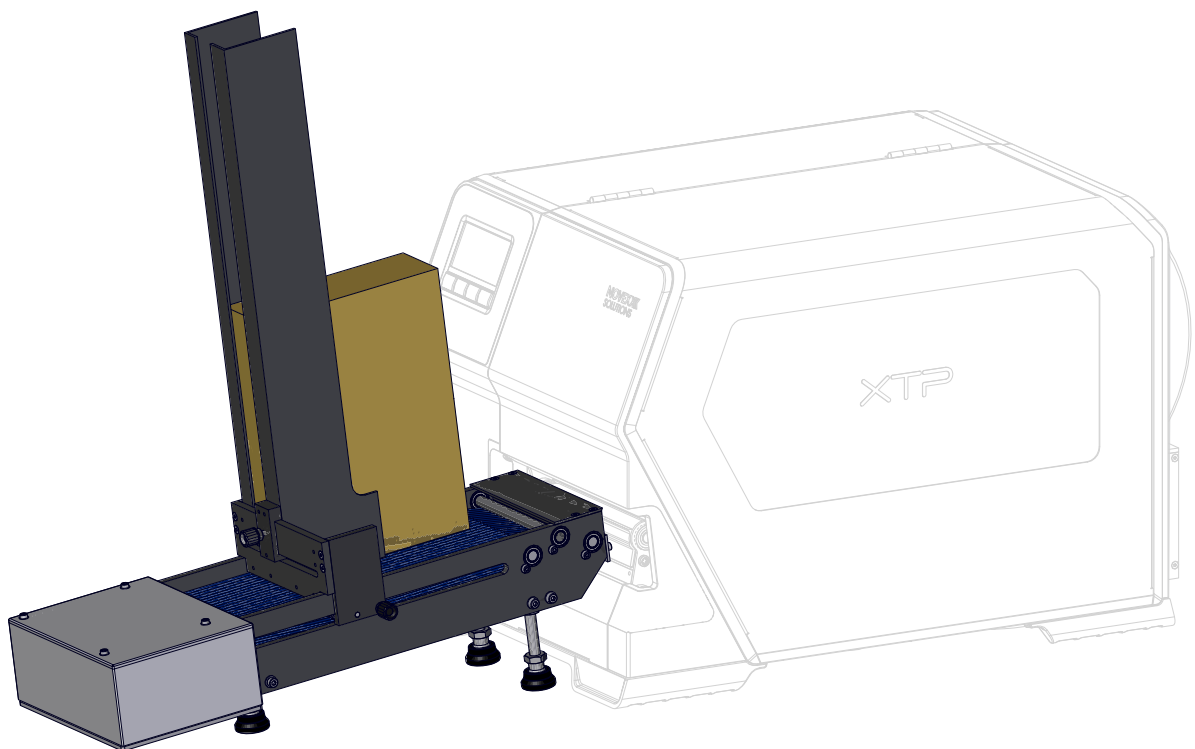


USER MANUAL

Automatic Stacker

for XTP 604



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Please note!

GENERAL NOTES

Validity of this manual and required compliance

Contents

The complete operating instructions for the automatic stacker (hereinafter referred to as “stacker”) consist of the following parts:

Manual	Target group	Medium	Availability
User manual	Operating personnel	PDF file	NOVEXX Solutions web page www.novexx.com
Service manual	Service personnel		NOVEXX Solutions Partner Portal www.partner.novexx.com
Spare parts catalog			

This operating manual refers exclusively to the stacker. It is intended to ensure the correct connection and operation of the stacker.

For technical questions not covered in this user manual:

- ▶ Refer to the service manual for the stacker and the printer used or
- ▶ Request a service technician from our sales partner.

Our sales partner's customer service department is available especially for configuration settings and malfunctions.

Liability

Novexx Solutions reserves the right:

- to make changes in design, parts and software and to use equivalent parts instead of those specified for the purpose of technological progress.
- to change information in this manual.

Any obligation to extend these changes to machines previously delivered is excluded.

Copyright

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How information is represented


Explanation of symbols

To enhance readability and make information easier to find, different types of information are identified:

- ▶ Instruction with no order of tasks assigned
- 1. Numbered instructions introduced by preceding text
- 2. The specified order must be followed!


 Note.

- Enumeration of features
- Other feature

 The Experts symbol identifies activities that are reserved exclusively for qualified and specially trained personnel.

Warning Notes

Warning notes are specially highlighted:

 **WARNING!**
 Warning notes with the signal word **WARNING** refer to risks that can result in severe or fatal injuries! The note contains safety measures to protect affected persons.

- ▶ Instructions must be followed without exception.

CAUTION!
 Warning notes with the signal word **CAUTION** refer to risks that can result in property damage or personal injury (minor injuries). The note contains instructions for preventing damage.

- ▶ Instructions must be followed without exception.

Illustrations

Illustrations appear in the text where required. References to the illustrations are shown in brackets, if necessary (see table).

Reference to illustration	Application
none	<ul style="list-style-type: none"> • Only one illustration • Reference to the illustration is obvious • No position number in the illustration
(A)	<ul style="list-style-type: none"> • Only one illustration • Reference to the illustration is obvious • Position number in the illustration
(see fig. above)	<ul style="list-style-type: none"> • Several illustrations • No position number in the illustration
(see fig. above, pos. A)	<ul style="list-style-type: none"> • Several illustrations • Position number(s) in the illustration

Table 1: Different references to illustrations.

Parameters

Parameters in the parameter menu are represented in the format Menu name > Parameter name in grey type.

FOR YOUR SAFETY

Safety notes



WARNUNG!

Rotating conveyor belts!

Risk of injury due to hair, jewelry, loose clothing getting caught.

- ▶ Before attaching and detaching the stacker, switch off the printer and disconnect the power plug.
- ▶ Do not wear long hair loose (use a hair net if necessary).
- ▶ Keep loose jewelry, long sleeves, etc. away from the stacker.



The above safety notes apply specifically to the stacker. For safe operation of the printer in question with the stacker connected, it is essential to also read and observe the safety notes in the printer's operating instructions.

Product description

INTENDED USE / FUNCTIONALITY

The “Automatic Stacker” option (hereinafter referred to as the stacker) is an accessory for the XTP 604 tag printer. The stacker is designed for stacking single tags that are pushed out of the front of the printer after printing with the XTP 604.

The stacker is positioned in front of the printer and connected to the socket on the front of the printer. The printer supplies power to the stacker's conveyor motor via this connection. The conveyor belt, which is driven in this way, picks up the currently printed label from the printer and pushes it under the stack.

OPERATING CONTROLS

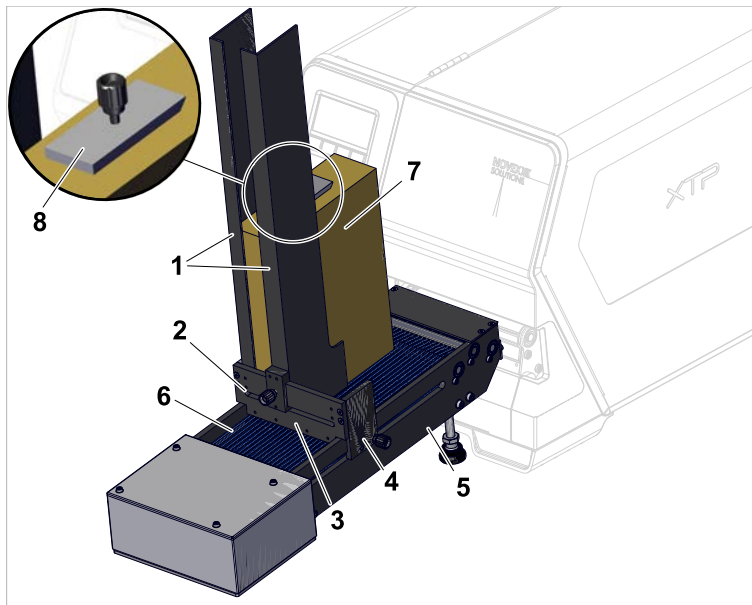


Fig. 1: Controls for the “Automatic Stacker” (for XTP 604).

Pos.	Description
1	Stack guides
2	Clamping knob - secures the adjustable front stack guide
3	Adjustable carriage for stack guidance
4	Clamping knob - secures the adjustable carriage
5	Support legs
6	Conveyor belts
7	Tag stack
8	Impression weight

TECHNICAL DATA

Dimensions

Measures (Length x Hight x Width): 420 mm x 555 mm x 240 mm

Ambient conditions

Installation location	<ul style="list-style-type: none"> • Inside buildings • Protected from wind and spray water • Dry • Not in areas with potentially explosive atmosphere
Operating temperature	5-35°C
Relative humidity	45-75%, non-condensing
Noise	70 dB(A)
Sea level	Operation to max. 1800 m above sea level

Label material

Single tags with the following specifications can be stacked:

	Min.	Max.
Width	60 mm	90 mm
Length	80 mm	175 mm
Thickness	0.12 mm	0.30 mm

SYSTEM REQUIREMENTS

Printer

XTP 604

Preparation for peripheral devices

In order to operate the stacker, the XTP 604 must be equipped with what is known as peripheral preparation. This essentially consists of an output stage board with the stacker motor control and the corresponding connection cables. The peripheral preparation is visible from the outside on the Sub-D connector (A) on the front of the printer.



Fig. 2: The Sub-D connector (A) indicates the printer's peripheral preparation.

Firmware

Required printer firmware version: BEL-V7.T22850 or higher

Setting up

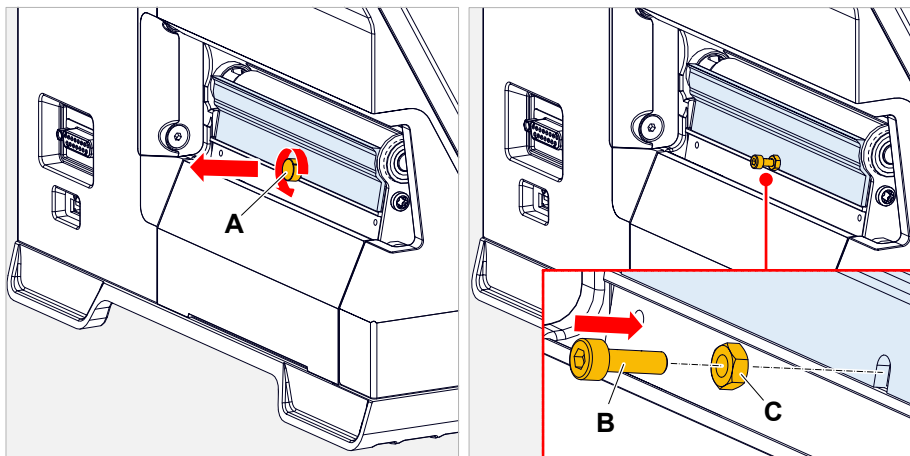
INSTALLING THE STACKER

Procedure

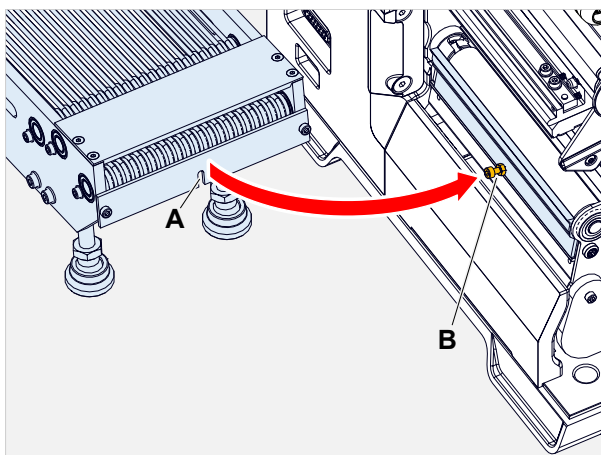
1. Switch off the printer.
2. Unscrew the knurled screw (A) and replace it with the hex socket screw (B):

! The screw head must protrude 6 mm. Lock the screw with the nut (C).

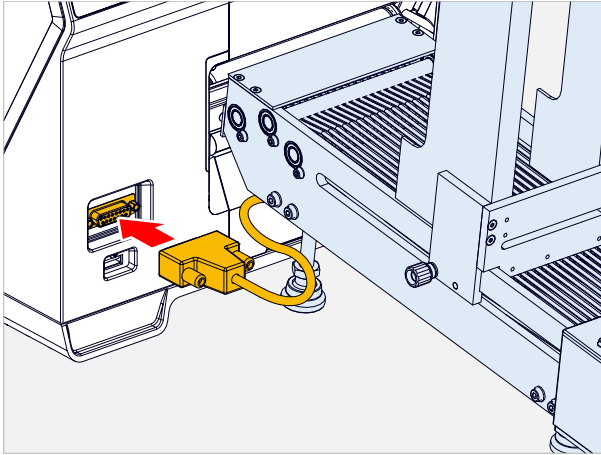
- Screw: M3x10 (article no. 000103-12)
- Nut: M3 (article no. 000122-14)



3. Hook the stacker with the recess (A) at the front onto the knurled screw (B).



4. Plug the stacker's connection cable (Sub-D plug) into the printer:



5. Turn on the printer.
6. Stapler im Parametermenü aktivieren: Options > Selection > Periph. device = "Stacker".

Results

The stacker is now ready for operation, i.e., the conveyor belts start moving automatically as soon as the printer starts printing and dispensing.

What to do next

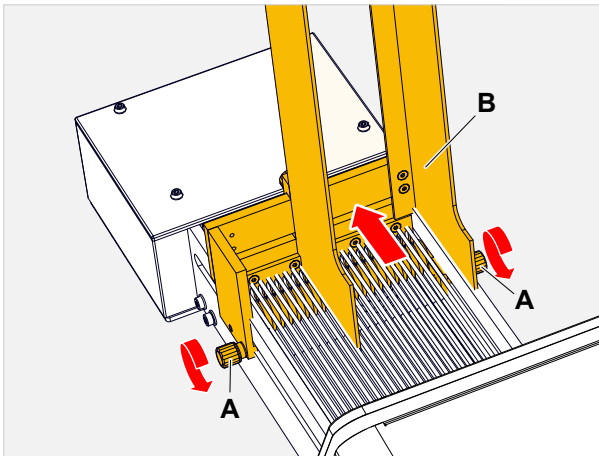
Before starting production, the stack guide on the stacker must be adjusted to the tag size.

Operation


ADJUSTING THE STACK GUIDE

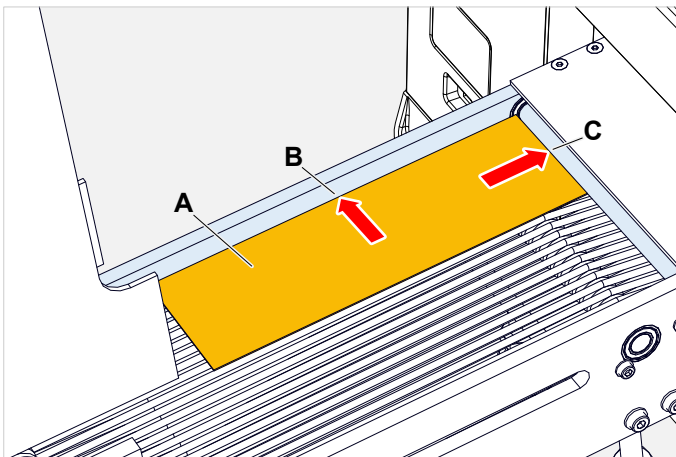
Procedure

1. Loosen the knurled screws (A) and slide the stack guide carriage (B) backward (away from the printer).

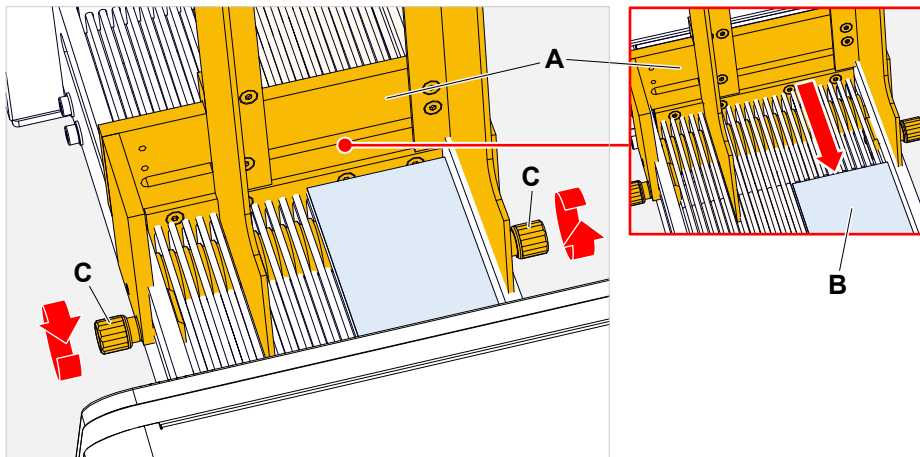


2. Place a tag of the material to be stacked in the stacker as shown.

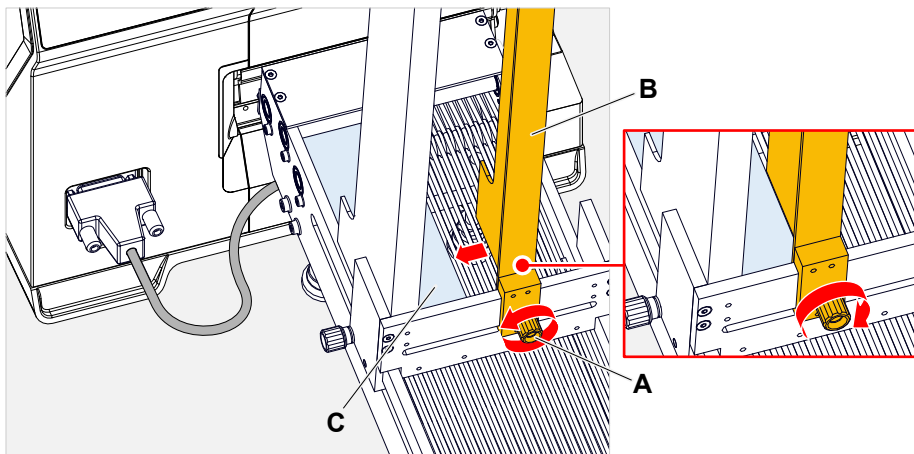
 The tag should be on the side (B). There should be a small gap to the roll (C).



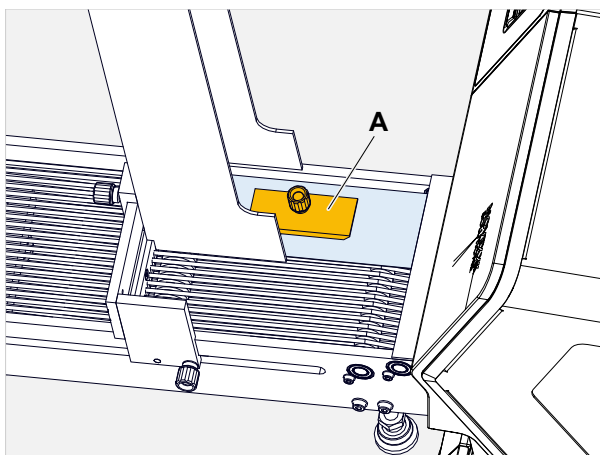
3. Push the stack guide carriage (A) toward the end of the tag (B) without moving the tag. Tighten the knurled screws (C).



4. Loosen the knurled screw (A) on the side stack guide (B). Push the stack guide toward the label (C) without pinching it. Tighten the knurled screw again.



5. Place the pressure weight (A) in the center of the tag:



Cleaning

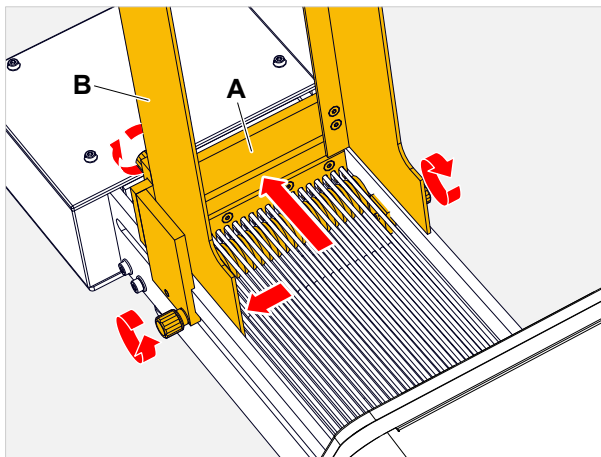
CLEANING THE CONVEYOR BELTS

Before you begin

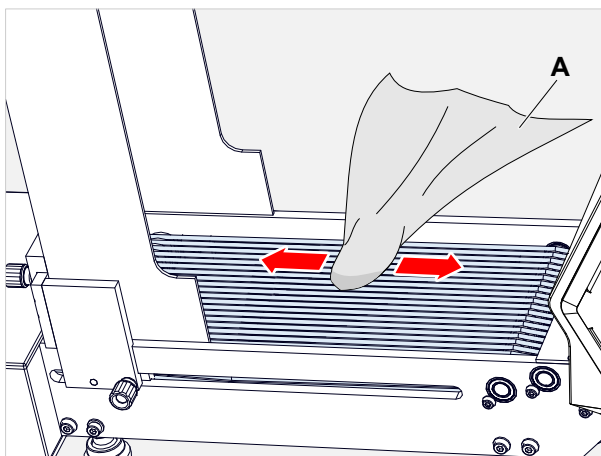
Cleaning agent: Isopropyl alcohol

Procedure

1. Switch off the printer.
2. Empty the stacker.
3. Push the stack guide carriage (A) backward and the side guide (B) to the side to free the conveyor belts:



4. Moisten a lint-free cloth (A) with isopropyl alcohol and wipe down the conveyor belts with it:



5. Continue moving the belts by hand until they are completely clean.

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