

USER MANUAL

XTP 804 Single Tag Printer



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Wiring diagramm 2016.050-05_E006_PS_HME450

Wiring diagramm 2018.050-05_E009_PS_ME500

GENERAL

INTRODUCTION

The purpose of this manual is to provide the user with the general information required to operate and service the machine correctly. Please read this manual carefully before installing, operating, adjusting, servicing or repairing the machine. In addition to instructions, it contains useful advice and recommendations. If the machine is used by several people, this manual must be kept readily available for all of them as it is an integral part of the operator, machine and environmental safety requirements.

It is assumed that the reader has already acquired experience servicing industrial machinery, so elementary maintenance notions have been omitted. The machine has been designed and built in accordance with rigorous accident prevention and occupational safety standards, but the operators and service personnel must still comply fully with all the applicable in-house and other safety rules.

The descriptions and illustrations contained herein are not binding. The manufacturer reserves the right to make to this manual, at any time and without the obligation to update it, changes to the components, design details or spare parts, deemed necessary for constructional or commercial requirements.

The testing and maintenance intervals stated herein should always be considered as the minimal requirements for guaranteeing efficient operation, safety and long life of the machine under normal working conditions. The machine must always be monitored constantly and prompt action taken in the event of a malfunction. This manual must be stored in a safe place for future reference, and kept in a legible condition.

**THIS SIGN HIGHLIGHTS POINTS THAT REQUIRE EXTRA ATTENTION.
FAILURE TO FOLLOW THE INSTRUCTIONS MAY LEAD TO SERIOUS INJURY
OR DAMAGE TO THE MACHINE.**



SAFETY RULES

The machine has been designed and built in accordance with the **Technical Standards** listed below:

UNI EN ISO 12100	Safety of machinery – Basic concepts, general principles for design
UNI EN ISO 13857	Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs
UNI EN ISO 13850	Safety of machinery – Emergency stop, functional aspects
CEI EN 61439-1	Safety of machinery – Machine wiring Part I: General rules
UNI EN ISO 14121-1	Safety of machinery – Risk assessment - Part 1: Principles
EN ISO 4413	Safety of machinery – Safety requirements for systems and their components for hydraulic and pneumatic transmissions Hydraulics
EN ISO 4414	Safety of machinery – Safety requirements for systems and their components for hydraulic and pneumatic transmissions Pneumatics
UNI EN 953	Safety of machinery – Guards. General requirements for the design and construction of fixed and movable guards
UNI EN 349	Safety of machinery – Minimum gaps to avoid crushing of parts of the human body
89/391/EEC rCE 1882/2003 2007/30/CE rCE 1137/2008	The European workplace health and safety directive
89/656/EEC	Use of personal protection equipment

MATERIALS AND PRODUCTS

The materials and products used in the building of this machine are not hazardous for the health of the operator or user, or for the machine itself.

LIFTING AND HANDLING

The machine can be lifted either using a forklift truck, with a flat support placed on the forks, or by manpower alone.

Rules to follow when using a forklift truck:

- Make sure it is of a sufficient capacity (the machine weighs about 45 kg).
- Avoid moving the machine long distances.
- Keep the load as low as possible to allow greater stability and visibility.
- Check the condition of the floor before putting the machine down.

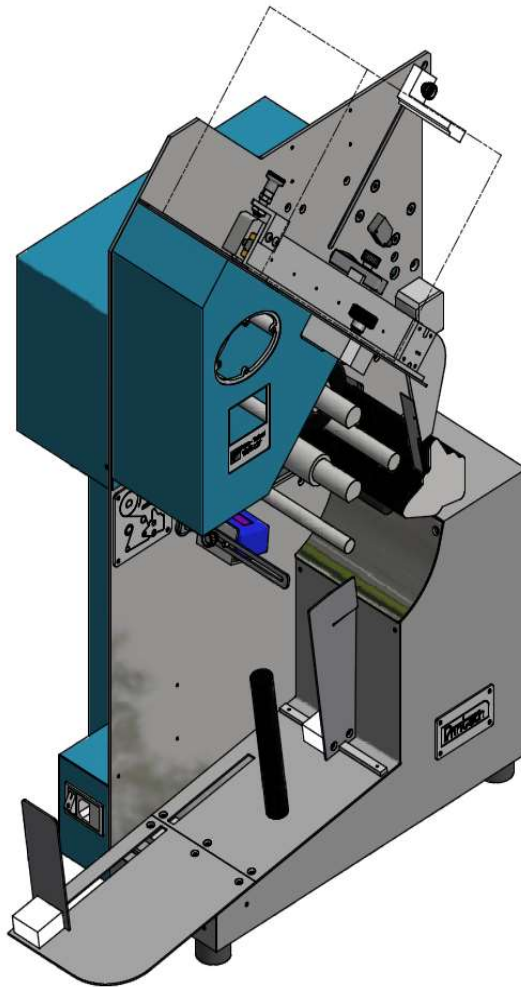
If the machine is lifted and moved by manpower alone, at least two people need be involved.

ERGONOMIC DESIGN

The machine is designed ergonomically to reduce operator discomfort, physical effort and mental stress to a minimum. Plenty of manoeuvring space has been left for the operator and the machine is free from sharp edges and projecting parts that could cause a hazard.

POSITIONING

The printer must be placed on a firm flat surface with sufficient room for loading blank labels, removing printed labels and carrying out routine maintenance.



XTP 804 - Picture shows device without protection door

ELECTRICAL INSTALLATION AND SETTINGS

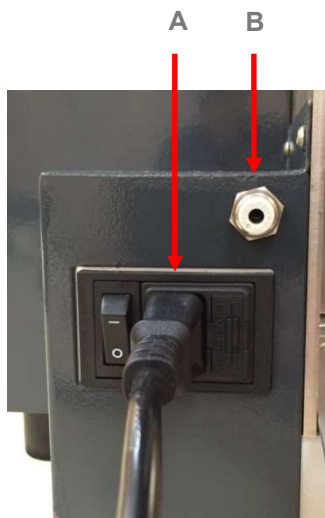
POWER SUPPLY

Power source required for the printer:

- A:** 110 - 240VAC 50/60Hz - 2A + earth with a min. wire cross section of 1.5 mm².
B: Compressed air (6 bar) for the suction circuit and for the air blow;
pipe OD 6mm, plug connection at use of:

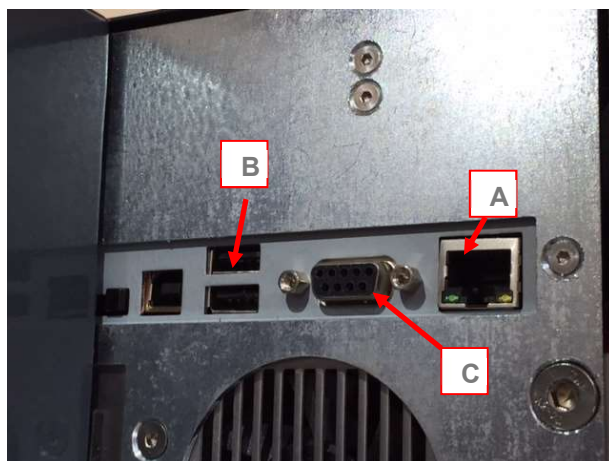
- a) Pneumatic version
- b) Air nozzle

Some type of labels need an air blow as help for a better separation from the labels pack. Not mandatory, connect only if needed.



PRINT FILE CONNECTORS

- A:** LAN 10/100 connector
- B:** USB drive
- C:** serial 9p



Connection to the protection door sensor

The printer is equipped with a protection door at its front to prevent injury. The open and closed position is controlled by a sensor. Operation without this protection is not permitted under all circumstances.

IMPORTANT NOTES AND PREVENTIVE MEASURES

Below is a list of general accident prevention rules to be followed by the maintenance personnel.

Other laws and rules in force in the country of installation must also be complied with.

- a) Ordinary maintenance, inspection and lubrication must take place with the machine switched off and the electricity and compressed air supply disconnected.
- b) The machine must be operated, serviced and repaired by fully qualified personnel with the necessary experience. No one else must be allowed near the machine while it is running.
- c) Keep the safety devices in proper working order.
- d) Never tamper with or remove the guards or safety devices during operation.
- e) After maintenance work, the person in charge must check that all the guards and safety devices have been correctly reinstated.
- f) Materials and equipment must only be left in the work area for the time they are required. Everything must be cleared away afterwards.
- g) Always use the personal protective equipment provided.

TECHNICAL DATA

DESCRIPTION

The desktop label printer is designed to run on automatic mode and continuously. It works unattended and automatically until the label magazine is empty. It comprises a wrap magazine, a pick & place device, a thermal printing device and a stacker of printed labels. Once the infeed stacker is empty, the machine stops automatically.

MACHINE SPECIFICATIONS

DESKTOP LABEL WIDTH	35-150 mm
LABEL HEIGHT	40-265 mm
LABEL MAGAZINE CAPACITY	300 mm
MACHINE WIDTH	500 mm
MACHINE HEIGHT	860 mm
MACHINE DEPTH	370 mm
WEIGHT	45 kg
VOLTAGE	100-220VAC 50/60Hz
INPUT POWER (PROTECTION)	1.5 A
CONNECTION	2+ earth x 1.5mm ²
OPERATING TEMPERATURE	5-45°C max
TRANSPORT TEMPERATURE	0-70°C
MOISTURE	40-70%, none condensing
AIR PRESSURE	Air consumption: 40l/min, 6 mm air hose connection, 4-6 bar pressure

PRINTER 64-04 SPECIFICATIONS

See manual on attached NOVEXX CD or visit:

<http://www.novexx.com/service-and-support/user-manuals-new/>

LABEL SPECIFICATIONS

WIDTH	35-150 mm
LENGTH	40-265 mm
THICKNESS/WEIGHT	0,1 -0,25 mm RESP. 100-250 gr/m ²
PRINT WIDTH	
	4 INCHES = 106,6 mm
	5 INCHES = 127,9 mm

THE CARDBOARDS MUST BE SHAPED IN SUCH A WAY AS TO ENSURE THAT THEIR RIGHT-ANGLE SIDES ARE PARALLEL AND FREE OF ANY PROJECTIONS.

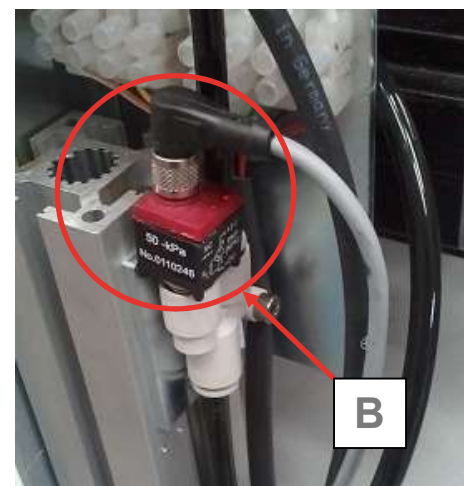
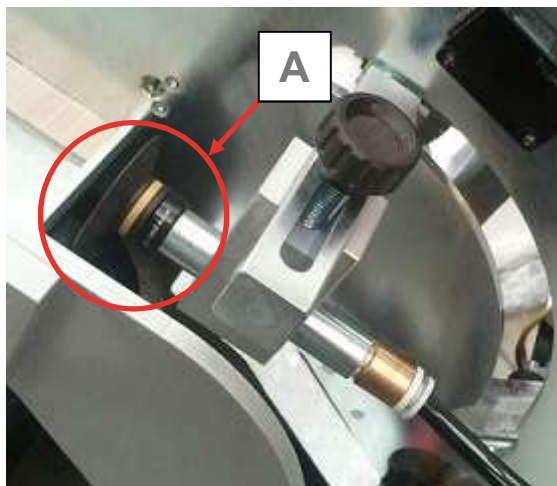
THE AREA AT WHICH THE SUCTION CUP APPLIES MUST NOT BE ANY PERFORATIONS AND ONLY FLAT AND EVEN SURFACE.

THE MATERIAL MUST NOT BE PERVIOUS TO AIR.



RECOMMENDED SPARES

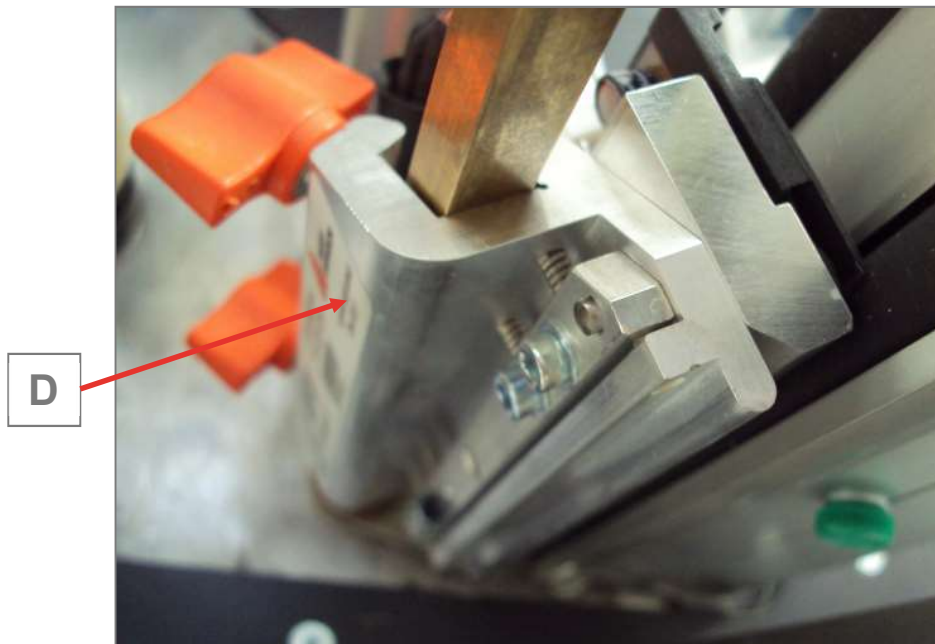
DESCRIPTION	FIGURE
Suction pad	2.5.1 A = items N10054040 Ø22mm N10054041 Ø27mm N10054042 Ø32mm
Vacuum sensor	2.5.2 B = items N100543 -50µpasc N100544 -30µpasc
Label detection photocell	2.5.3 C = item N100561
Printhead	2.5.4 D = items A2817 Printhead 4 inches A0979 Printhead 5 inches
Feed roller	2.5.5 E = item A3413
Printhead counter-roller	2.5.6 F = item A5853



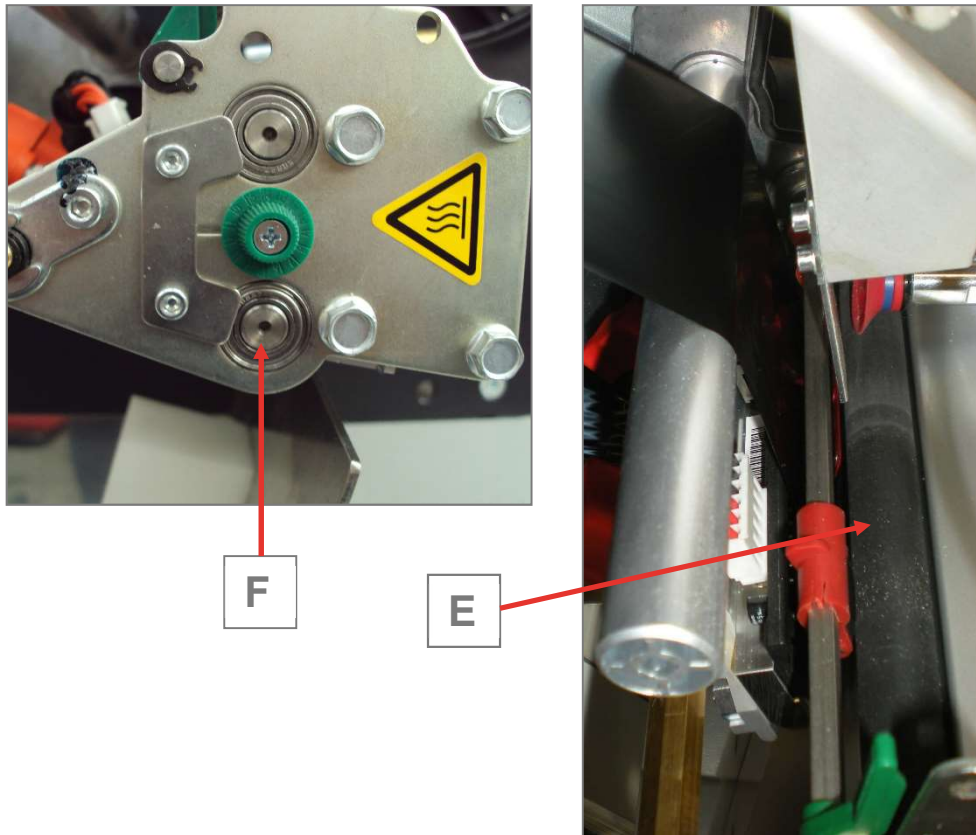
Figs. 2.5.1, 2.5.2 – Label pick & place assembly and suction pad vacuum sensor



(Fig. 2.5.3 – Label detection photocell)



(Fig. 2.5.4 – Printhead)



(Fig. 2.5.5, 2.5.6 – Feed rollers and printhead counter-roller)

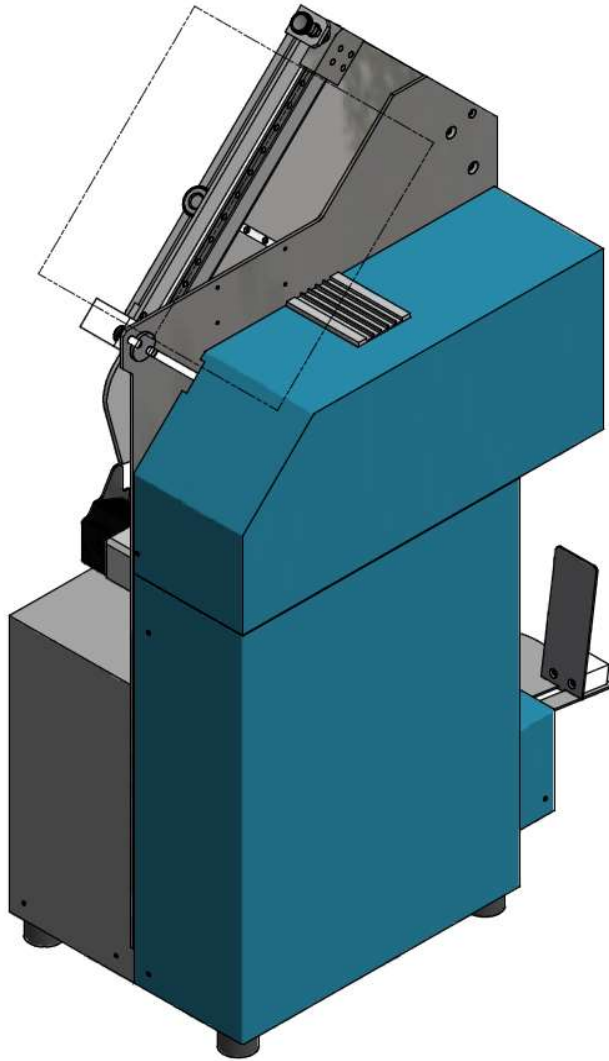
SAFETY DEVICES, ACCIDENT, PREVENTION

WORKPLACE, AREAS AT RISK

IF THE GUARDS OR COVERS NEED TO BE REMOVED TEMPORARILY FOR MAINTENANCE PURPOSES, THIS MUST BE DONE BY A QUALIFIED OPERATOR WITH THE POWER SUPPLY DISCONNECTED. NEVER OPERATE THE MACHINE WITH THE GUARDS REMOVED.



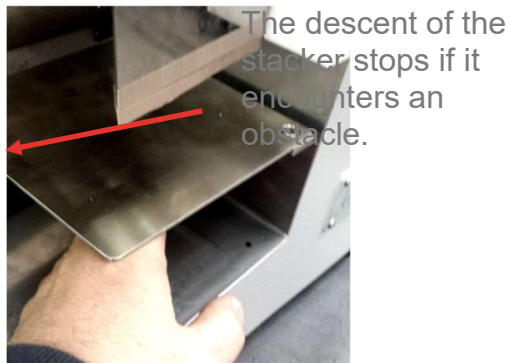
GUARDS AND SAFETY DEVICES



(Fig. 3.2.A – Rear printer guard)

The printer comes with a front guard that can be opened, and prevents access to the moving parts. A sensor prevents operation of the machine when this guard is open.

The guard at the back of the printer merely protects the board and the electronic components from dust and impact. This rear guard must not be removed nor covered with any things as this would impact the cooling of the device. The automatic stacking module, if installed, is equipped with a sensor that stops the descent of the shelf if it hits an obstacle.



NOISE LEVEL

The noise level measured during operation is less than 70 dB.

VIBRATION

The machine is designed and built to reduce vibration to an absolute minimum.

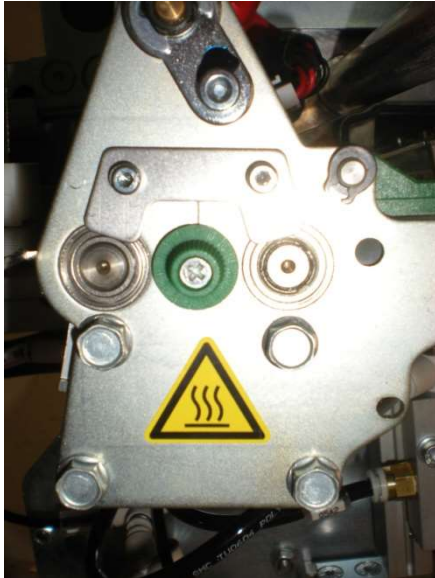
RISKS FOR THE OPERATOR

If the manufacturer's instructions and recommendations are followed carefully, the machine should not cause a hazard for the operator.

RESIDUAL RISKS

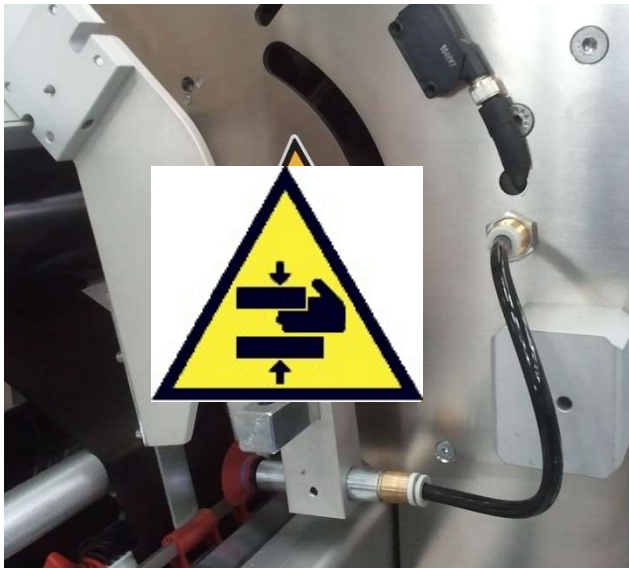
The nature of the machine means there are certain residual risks that cannot be protected against completely. These risks are highlighted by stickers informing the operator of the type of hazard.

“Danger – high temperature area”



(Fig. 3.6.A and B – Sticker affixed to the part of the printhead area with drive rollers)

“Danger of crushing hands”



(Fig. 3.6.C – Sticker affixed in the label pick-up area)

INTENDED USE

This machine is designed to print barcodes or any type of logo on hang tags or display tags.

It must not be used for any other purpose. The materials used must not entail any risks associated with the printing process.

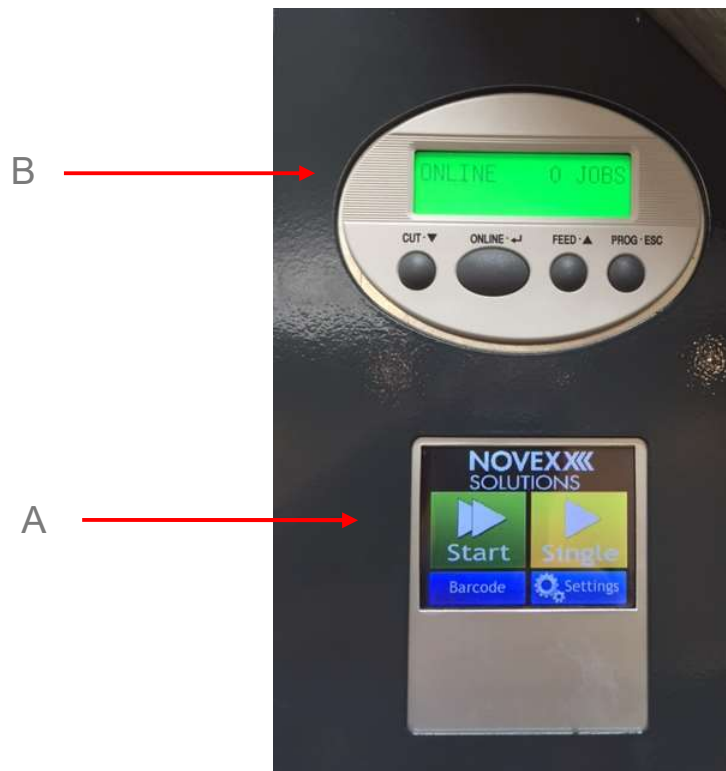
THE MACHINE IS DESIGNED TO RUN AUTOMATICALLY AND CONTINUOUSLY WITHOUT THE PRESENCE OF AN OPERATOR AND SAFETY MEASURES ARE ADOPTED FOR THIS PURPOSE. UNAUTHORISED PERSONNEL MUST NOT BE ALLOWED NEAR THE MACHINE IN OPERATION.



REASONABLY FORESEEABLE MISUSE

Use of the machine not in accordance with the technical specifications may cause the product to jam, which could cause damage to the machine and injure the intervening operator. In particular, the dimensions of the label and its alignment in the magazine must be accurate.

CONTROL PANEL



(Fig. 4.2.A – Control panel)

The control panel consists of two sections (Fig. 4.2.A):

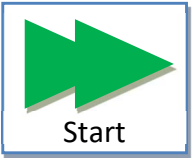

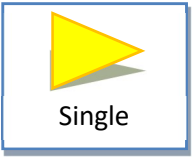



Section **A** is used to control label movement.

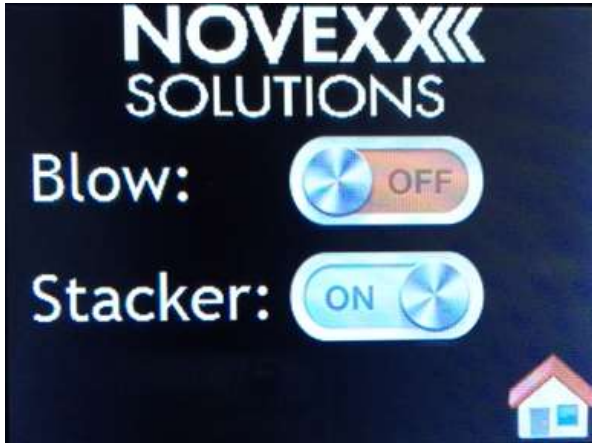
Section **B** is only used to control the printer (printer parameter setting and error display).

For further details of the buttons in section **B**, please refer to the printer user manual or CD attached hereto.

DESCRIPTION OF KEYS

Display **A** can be used:

	to launch automatic continuous printing (a number greater than 0 should be entered)
	to interrupt the current printing process
	to launch single card printing (a number greater than 0 must be entered)
	to return to the home page
	to open the function set page (not always available)
	to enable/disable verification of the printed barcode

SETTINGS

This page allows you to select whether or not to insert the following modes:

BLOW: by setting the switch to ON inserts an air blow that helps to separate labels when picking. This function is available at the XTP 804 only (compressed air generated by a 2 step vector pump).

STACKER: option related to the presence or not of the automatic horizontal stacker; by setting the switch to ON it activates the automatic positioning system of the stacker platform. By setting the switch to OFF the plan stacker descends to the maximum excursion.

Both printer and pick & place device are synchronized by means of the mandatory parameter setting at printer and need to be readjusted after a FACTORY RESET or change of printhead width from 4" to 5" or viceversa.

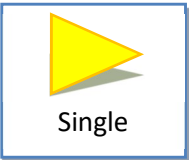
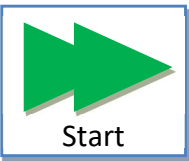

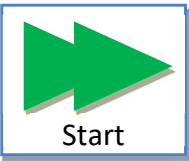
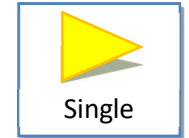
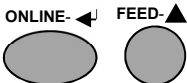

- > Menu > System Parameters > Missing Label tolerance > 5
- > Menu > System Parameters > Mat.end detect > off
- > Menu > System Parameters > External signal > Single Start
- > Menu > System Parameters > Start Print Mode> Puls falling

Other parameters, which are recommend to be set after a factory reset specific to XTP values

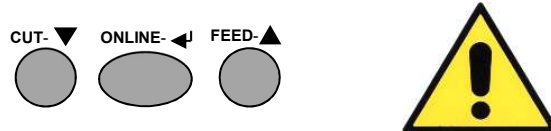
- > Menu > Interface Parameters > Drive Assignment > Drive C: USB
- > Menu > System Parameters > Ribbonautoecon. > according to needs: [On] or [OFF]

DESCRIPTION OF PROCESS FLOW

The machine is delivered fully regulated and ready to go into operation. When you operate the master switch on the left-hand side of the base, the machine powers on in the home position, and the system runs a short auto test, highlighted by “WAIT” displayed in section **A**. After about ten seconds the system is ready to receive instructions. Proceed as follows to launch production.

 <p>Single</p>  <p>Start</p>	<h3>CYCLE START</h3> <ul style="list-style-type: none"> - Connect the PC and use the dedicated programme to send the print data. - If the printer has received the data correctly, the number of labels to print will appear on the display B. - Click to launch continuous printing; Working is displayed in section A. - Click to launch printing of a single label.
  <p>Start</p>	<h3>CYCLE INTERRUPTION</h3> <ul style="list-style-type: none"> - Click to interrupt an automatic cycle (display A on Working). The system completes the current print cycle and stops; display A shows the message Ending. - Click to restart a continuous printing cycle or to print a single label.
 <p>Single</p> <p>ONLINE-▲ FEED-▲</p>  	<h3>CYCLE RESTART</h3> <ul style="list-style-type: none"> - If the magazine runs out of labels, Error appears on display A. If this happens, replenish the magazine and proceed as follows: <ul style="list-style-type: none"> ○ When error ERR 5001 is displayed, press in sequence (if the alarm number is different, consult the printer handbook and remove the cause). ○ Press to finish operation

RESET THE PRINTER COUNTERS BEFORE SENDING NEW PRINTING DATA BY PRESSING THE FOLLOWING KEYS SIMULTANEOUSLY.



Select "TRANSMISSIVE" in the "TYPE OF PAPER" menu in the PC print driver. If you wish to reset previous printer data each time a label file is transferred, select "ELIMINATE THE PREVIOUS PRINT PROCESS". The printing speed and the printhead temperature parameters can be set when a file is sent.

- **LABEL LOADING/UNLOADING**

BLANK LABELS MUST BE LOADED AND PRINTED LABELS UNLOADED WITH THE MACHINE AT A STANDSTILL.



FUNCTIONAL DESIGN

Below is a brief description of the operating principle.

When the machine is switched on it runs a rapid auto test. After transferring print data (label layout and number to print), the machine will be ready to start.

When the machine is ready, press the (single or automatic) print start button. The arm moves to the pick-up position and the suction system activates.

If there is blank label in the magazine, it is picked up by suction when a negative pressure is created in the pneumatic system. The arm holding the label descends towards the rollers, which have already started to turn, and releases it in a set position.

The arm continues moving downwards and then rises to avoid interfering with the movement of the label, which is drawn in between the rollers of the printer and processed. A sensor detects the presence of a label between the rollers and prevents a new one from being picked up until the first one has come out completely.

The next labels pile up behind it in the same way.

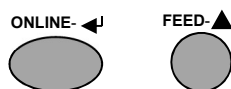
In addition to being stopped by the operator, the machine can stop for a series of reasons.

- a) If the label magazine is empty, the pick-up arm will remain in the up position for a moment, trying to pick up a label. As it is unable to do so, a generic “ERROR” alarm is generated and the machine stops.
- b) If a faulty label is not fed into the rollers correctly, a generic “ERROR” alarm is generated and the machine stops.
- c) If a label gets stuck between the rollers, the process is interrupted and remains on hold for a few seconds, after which a generic “ERROR” alarm is generated and the machine stops.
- d) If the barcode option is installed and the sensor detects an illegible code, a specific “Barcode ERROR” alarm is generated and the machine stops.
- e) When the number set on the printer is reached, the machine behaves as in case “c” as the label is fed into the roller but it is not printed, preventing the next one from being picked up.



Click  to return to the home page from the error message page.

The printing unit (display B) can be reset by pressing



in sequence.

SETTINGS AT LABEL TRAY

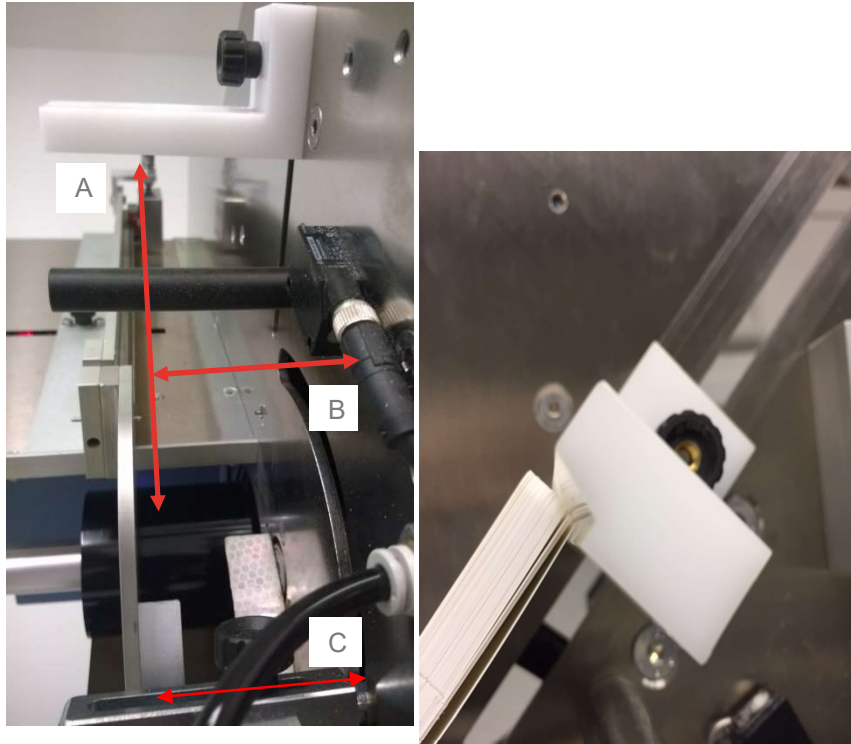


Fig. 5.3.1 – Label magazine

Vertical adjustment A

Adjust the vertical regulator (A) so that the upper end of the label rests in the lower part of the support (Fig. 5.3.1). When using larger labels, move regulator A right up and let them rest on the upper part of the support.

Horizontal adjustment B

Adjust the vertical regulator (B) to get about 0.5 mm between it and the labels (Fig. 5.3.1).

Adjusting the suction pad

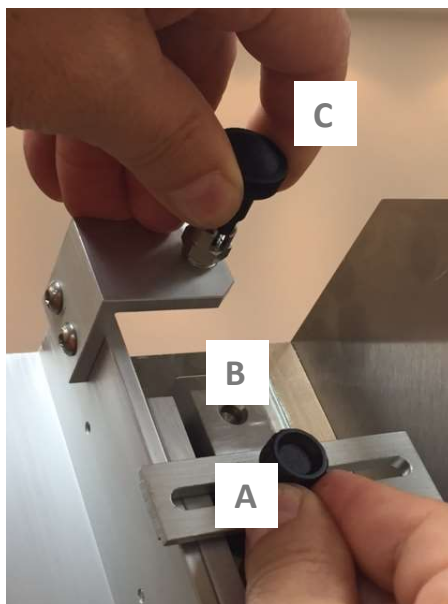
Proceed as follows to adjust the position of the suction pad.

- Switch off the printer
- Move the arm into the pick-up position and adjust the position along axis **A** of the support to centre it on the label (Fig. 5.3.1)

Adjusting the counter weight

Proceed as follows:

- Set contact surface **A** at center of label stack
- Release the counter weight **B** by pulling knob **C**, the weight drops onto stack
- It prevents, that the last labels of a stack will be picked up properly and not pushed upwards by the suction cup



Checking the label detection photocell

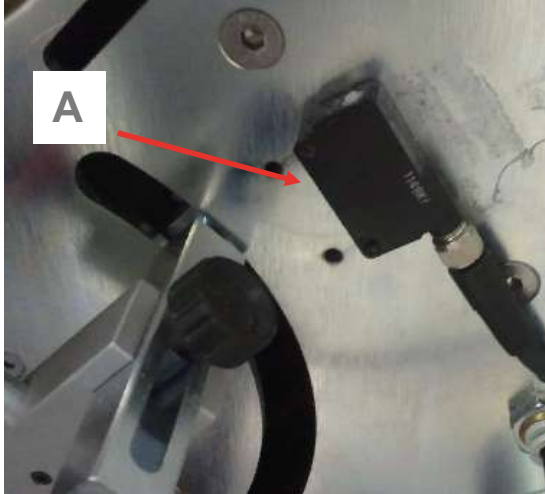


Fig.5.3.3 – Label detection photocell

The photocell **A** in Fig. 5.3.3 detects the presence of a label entering the printer. As long as the photocell detects a label present, a new label is not picked up.

When a label is present, both lights (green and orange) above the photocell must be on. When there is no label, only the green light is on.

If the orange light is on but there is no label, clean the surface of the reflector carefully and check the position of the photocell.

OPTION: AUTOMATIC HORIZONTAL AND VERTICAL STACKER

In the case of very small labels, on request, it is available a system for the automatic stacking; the option provides a motorized system that maintains the accumulation of the labels printed always at an optimal height. A series of sensors sees the rise of the stack of printed labels and drives the support surface to descend. When the shelf reaches the maximum travel, the printer stops and reports the message "STACKER FULL".

After emptying the stack, the platform rises automatically in the upper position.

This option will be enabled/deactivated via touch screen interface – SETTINGS; if set to OFF, the shelf reaches its maximum lower position.



Settings at the horizontal stacker (collecting tray)

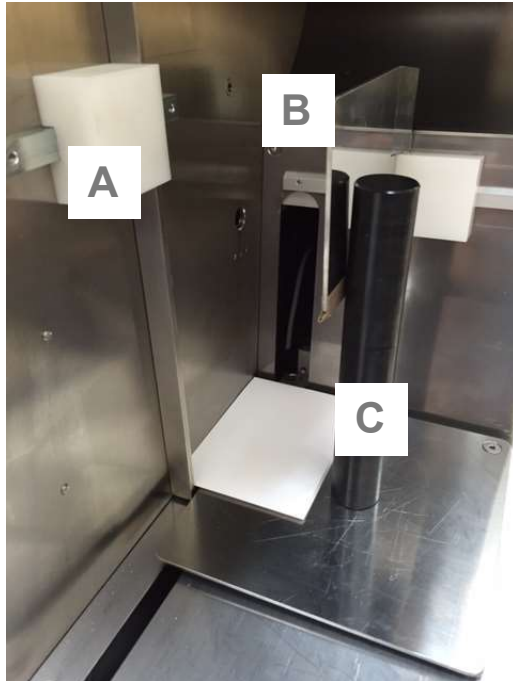


Fig.5.3.4

Printed labels are fed into a stacker, the length of which can be adjusted via the movable stop **A**.

The width can be adjusted by positioning the side movable stop **B** and the magnetic stops **C** as shown in Figure 5.3.4.

All are easily removable in those cases where the size and type of the labels is such as to not require them or obsolete the use of the automatic stacker.

Settings at the vertical stacker (collecting tray)

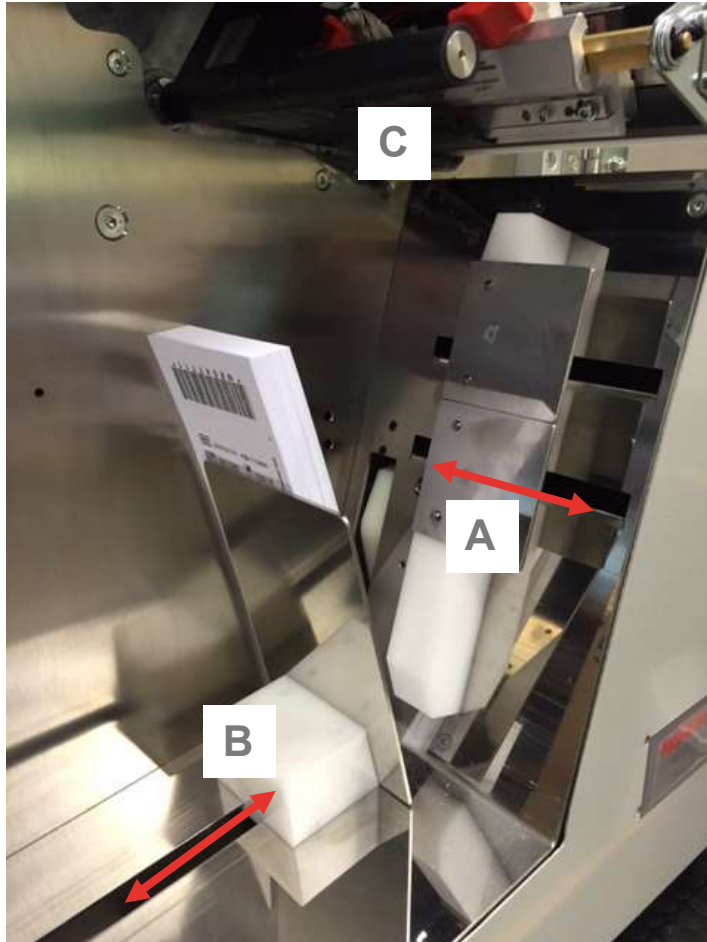


Fig.5.3.5

Printed tags will be fed and stacked automatically in vertical orientation at the stacker. A mechanism pushes automatically label by label until the collecting tray is full and needs to be emptied.

Adjustment of the lateral, magnetic guide **A** to the width of the label by sliding it into proper position.

Settings block **B** to the inner position at the beginning of the print operation or after emptying the stack.

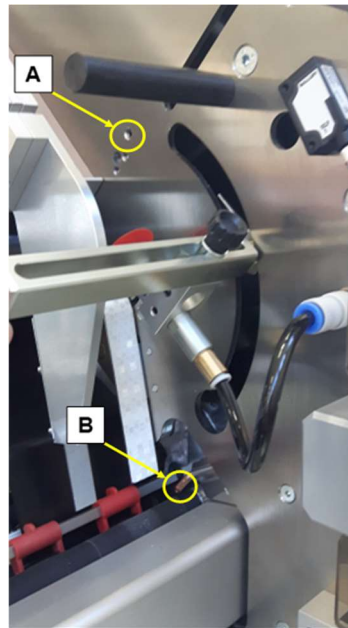
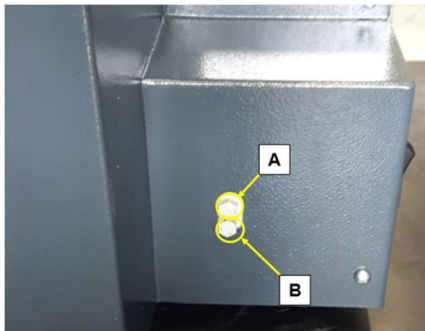
Air flow regulators and ejectors

In the rear of the printer, on the left side of the main switch box, there are 2 flow regulators.

The upper regulator (A) adjust the flow of the air blow that help the separation of labels in the loader.

The lower regulator (B) adjust the air flow that blow in the printing area in order to eliminate labels scraps and paper dust.

Rotate the knob of the air blow regulators to set as desired. Clockwise closes and counterclockwise opens the valves.



Adjusting the separation air flow

Often labels after the cut or the packaging process remains attached one each other and this could create problems to the Pick&Place device.

The advise is to support the separation of the labels by manually bending them as a bunch of playing cards before to insert them into the printer loader.

As additional help there is the air blow that blows on the side of labels just before the pick & place device.

Regulate the flow as desired but pay attention that it does not move labels out of loader rails.

Adjusting the cleaning air flow

The printing area is just below the labels loader and labels scraps and paper powder could easily accumulate here.

The air blow helps to maintain this area clean during work but is important that the operator manually cleans that area before to start a new print job.

Regulate the air flow paying attention that it does not interfere with labels position during printing process.

OPTION: BARCODE READER

On request it may be mounted the RFID (Radio Frequency Identification) read/write optional module; this module works linked with to the printer via the preinstalled serial communication cable.

The reader module needs to be activated via the touch display.



THE BARCODE MUST ALWAYS BE PRINTED HORIZONTALLY WITH RESPECT TO THE READER BEAM, BUT IT CAN ALSO BE PRINTED VERTICALLY OR INVERTED.



USE AND MAINTENANCE

MAINTENANCE

Before carrying out any maintenance work likely to cause a hazard to the operator or anyone else, put in place all the safety measures required to comply with the applicable accident-prevention laws. See also point 1.7 – Important Notes and Preventive Measures.

ROUTINE MAINTENANCE

The maintenance operations listed below should be considered the minimum required to operate in safety.

- Clean the whole machine regularly.
- Check the tightness of the securing screws, especially after the first few hours of operation.
- Clean the suction cap filter.
- Clean the surface of the label photocell reflector.

PRINT HEAD CLEANING OR CHANGING

Remove the black pole underneath the printhead pulling it parallel to print head, this frees the access to the head.

Follow further instructions at NOVEXX CD



EXTRAORDINARY MAINTENANCE

This machine does not required extraordinary maintenance.
For the print module refer to the NOVEXX manual.

TROUBLESHOOTING

BEFORE ACCESSING THE PRINTER, MAKE SURE IT HAS BEEN DISCONNECTED FROM THE POWER SUPPLY.



Most malfunctions cause the machine to stop and generate a specific alarm. The following warning messages appear on display **A**:

- **00#End of jobs** – all prints have been completed; the last label has not entered correctly the print rollers; something obstructs the entry photocell.

Measure: Remove last picked up label upwards, clear remedy at display and continues, eventually check label path for blockings

- **01#End of labels and 04#Missed label** – input stacker empty, label picked up incorrectly or no labels in the magazine; the vacuum sensor cannot intervene due to a problem in the suction system.

Measure: Refill input stacker, clean vacuum cup, check vacuum system for leakages.

- **02#End of jobs** – all prints have been completed; the last label entered correctly the print rollers but it is not printed.

Measure: Fed last label with key FF when printer is at status OFFLINE

- **03#Barcode error** – barcode printed incorrectly (print quality or barcode error).

Measure: Check use of correct thermal transfer foil or adjusted contrast, check ribbon transport and remove wrinkles

- **05#Stacker full** – the automatic stacker has reached its maximum excursion / storage capability.

Measure: Empty collecting tray





The position at which the machine stops can also provide information of the problem encountered.

- If the pick-up arm stops in the forward position in contact with the first label in the magazine but does not continue with the cycle, check the suction pad is in contact with the label. If it is, then check the suction circuit – pipes and vacuum sensor.
- If the pick-up arm moves towards the magazine but the suction pad does not advance, check whether the photocell detects the absence of a label entering the printer. If there is no label, the orange light on the photocell must be off.
- If the pick-up arm moves towards the magazine but the suction pad does not advance, check cable to single start connector at the printer engine main board.
- If the labels do not enter the printer rollers correctly, check that the small, knurled knob at the side is turned fully anticlockwise. This knob regulates the position of the fork photocell that detects the presence of a label being printed. With this setting, the knob is fully out.
- If the pick-up arm stops in the in the label pick-up position, it means the previous label has got stuck in the rollers.
- If the pick & place system has problems picking up the labels because they are too compact or too light and thin, try to separate them as you do with a new pack of playing cards.
- Vacuum arm starts lifting but doesn't complete nor does it suck a label, check that no label is remaining underneath the printhead nor gap sensor. Check gap sensor via sensor check and clean or adjust or replace if necessary.
- Vacuum cup contacts label, label remains in magazine. Clean vacuum cup to warrant vacuum built up, eventually replace if worn off, especially the outer circular contour must be clean and without dents etc. Check at vacuum sensor (inside rear housing) if vacuum is built up – red top of sensor will be illuminated, eventually replace.
- Refer to the NOVEXX manual for details of the printer errors displayed.

SPARE PARTS

Note: Spare parts referring to the printer part of the XTP 804 such as print head, drive roller, electronic and mechanical components can be found in the spare parts catalog of the 64-04 printer on the attached documentation CD.


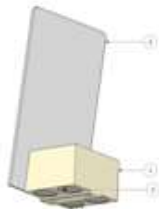
Item Number	Description	Image
N100540	Vacuum cup 22 mm	
N100541	Vacuum cup 27 mm	
N100542	Vacuum cup 32 mm	
N100543	Vacuum sensor 50	
N100544	Vacuum sensor 30	

N100561	Label / Tag sensor	
N100562	Mini electro-vacuum pump, 230V	
N100563	Toothed belt 180 XL 037, 10 mm	
N100567	Relay 24Vcc	
N100568	Locker	
N100569	Air tube soft Ø 6 mm	

N100570	Pneumatic switch valve, 1-way	
N100571	Pneumatic switch valve, 3-way	
N100572	Switch	
N100573	Switch	
N100574	PCB Arduino	
N100575	Interface-Board I/O24V	

N100576	Cable 10 poles 1 m	
N100577	Display touch screen	
N100578	Stepper motor	
N100579	Lift motor horizontal stacker Motor 24v 1-51 CIG32P-24-51-0	
N100633	2-step vector	
N100634	For stack height detection at horizontal stacker Proximity sensor M8x1	

:

N100635	<p>For pusher at vertical stacker</p> <p>Motor 24V DC RH158-24-30</p>	
N100636	<p>Tag Support Sheet</p>	



N101577 Proximity sensor
for pusher at vertical stacker



N100564 Front cover (Protection door)



N102517 Mains interruptor

A5179 Fuse 4AT

N102098 Frame for display



N100810 Vacuum cup with holder



N100811 Vacuum cup with holder and tubes to match with double cup (marked parts)



N 104091 Motor for drive wheel E192-2S.24.18



N 104093 O-Ring OD 40mm, 2.5mm thickness

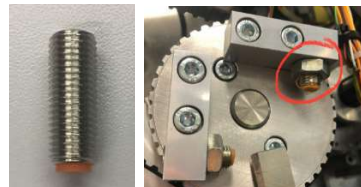


N104092 Drive wheel assy.



Relay MURR 52102 (vertical stacker)
Relay MURR 52000 (cover, start signal etc.)

N103909 Dumper screw

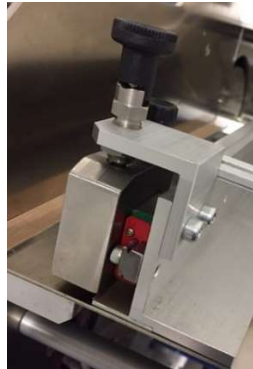


Settings of dumper screw

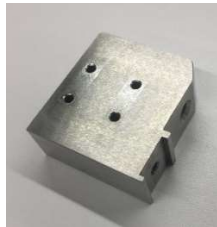


The round part of the arm
- red circle - must be
centered to the round
hole at lower end of
curved slot.

Counter weight parts



N103905



N103906



N103904



N103903



Deviation axle



N103907

Axle

N103908

Roller

0000098-26 Ring 10mm



Valves from SMC: Type SY3120-5LOU-C6-Q and SY3120-5LOU-C6-Q

RECOMMENDED SPARES

Vacuum cup, select correct size needed

Vacuum sensor

Display

Please note, begin 2018, the initial display was subject of end of life and replaced by a similar display which however isn't by size compatible and needs drilling of new holes.

Printhead, print roller, nib rollers - same as for 64-05

!!!Very important!!!

Power supply - here there are over the last years 2 versions.

Note, if type HME450 is installed it must be replaced with same.

If type ME500 is installed, it must be replaced with same.

WARRANTY

The warranty covers faulty materials and/or faulty manufacturing. The warranty does not cover travel expense sustained by personnel sent to the User's premises. The Manufacturer disclaims all liability for damage or injury caused by poor or a lack of maintenance. The warranty validity period will be agreed on in the order.

CUSTOMER SERVICE

Only original spare parts must be used. If it is ascertained that non-original spare parts are used or modifications not authorised by NOVEXX Solutions GmbH are made, the manufacturer will disclaim all liability and the warranty will be invalidated.

Please specify the following details when ordering spare parts.

- 1) Type of machine
- 2) Serial number
- 3) Type of spare part
- 4) Quantity required

ATTACHMENTS

- Declaration of conformity
- Wiring Diagram
- Printer Control Panel Manual

DECLARATION OF CONFORMITY



AUTOTEX ITALIA S.r.l.

Via Garza 8 - 25010 Borgosatollo (BS) - ITALY

hereby declares under its sole responsibility that the machine type:
AUTOMATIC LABEL PRINTER

MODEL:	PRINTECH
SERIAL NUMBER:	050-05-009
YEAR:	2015

complies with the following directives:

- 2006/42/CE Machinery Directive
- 2014/30/CE Electromagnetic compatibility
- 2014/35/CE Low Voltage

Reference to the following harmonized standards:

- UNI EN ISO 12100 /2010
- UNI EN 13857 /2008
- UNI EN 60204-1 /2006

The Technical File is prepared and stored directly within the **AUTOTEX ITALIA S.r.l.** Via Garza 8 - 25010 Borgosatollo (BS) - ITALY

The person authorized to compile and to store the technical file is:
Valter Molinari, the legal representative of the **AUTOTEX ITALIA S.r.l. Via Garza 8 - 25010 Borgosatollo (BS) - ITALY**

The manufacturer disclaims all liability for damage or injury if the machine is used in breach of the instructions contained herein.

SCRAPPING THE PRINTER

Before scrapping

**WARNING!**

The printer operates at mains voltage! Contacting electrically live components can cause potentially lethal electrical shocks and burns.

→ Before disposing of the printer, disconnect all cables.

Disposal measures



During the production of the individual components, the manufacturer ensures that as little an impact is made on the environment as possible. When it comes to disposal, you as the user have a considerable influence in helping to reduce the strain on the environment.

For details about the disposal of material (e. g. ribbon) please consult the respective manufacturer. Please heed the following notes regarding the disposal of packaging, defect components after maintenance or repair work, or even the disposal of the printer after the end of the product's service life:

→ Dispose of waste properly, i.e. sorted according to the material groups of the parts to be disposed of. The aim should always be to achieve a maximum possible reutilization of the basic materials combined with the minimum possible environmental impact.

Therefore, pay attention to the following:

- First of all, remove problem materials from the device and dispose of them separately. Problem materials are e.g. batteries, LCD displays and parts containing mercury.
- Then separate the remaining parts as much as possible according to material for recycling.

→ Pay attention to the material and disposal instructions which may be included on certain individual parts.

→ Under no circumstances should you simply throw electrical or electronic scrap into the rubbish bin.

→ Use environmentally compatible alternatives such as returning waste to the suppliers or the manufacturer, disposal by specialized waste disposal firms, exchange services, etc.

→ Fundamentally dispose of waste in as environmentally compatible a manner as today's environmental protection, reprocessing and disposal systems allow.

→ Refer to your supplier, the appropriate disposal firms or directly to the manufacturer if you have any disposal problems. The manufacturer can provide you with information and help you to dispose of components from the printer range in a modern and environmentally compatible manner.



WEEE-Reg.-Nr. DE 46850411

Novexx Solutions GmbH
Ohmstraße 3
85386 Eching
Germany
+49-8165-925-0
www.novexx.com