



Bedienungsanleitung VERTIwrap outfeed conveyor A



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1 General

Thank you for choosing our *VERTIwrap outfeed conveyor A*. It is user-friendly, safe and efficient machines. We hope you will be satisfied with your choice and use our products for a long time.

1.1 Using these instructions

- a) Read these operating instructions carefully before using the machine.
- b) These instructions explain the functioning and operation of this machine.
- c) Please keep them with the machine.
- d) If the machine is resold, the instructions belong with the machine.
- e) Do not damage these instructions.
- f) You must not make any changes to these instructions without our express approval.
- g) Should there be any alterations to the specifications of the machine, please enter them into these instructions accordingly.
- h) We reserve the right to make changes due to the reliability and improvement of the machine or instructions.
- i) Please contact us if you have any recommendations for improving the machine or these instructions.

All information in these operating instructions must only be used with sufficient technical understanding and in compliance with current occupational health protection regulations.

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Original operating instruction

2 Safety

Never start this machine until you have familiarized yourself with the correct operation and safety information.

2.1 Proper use

The *VERTIwrap outfeed conveyor A* is intended for the removal of the finished product (suitable bags previously finished by a packaging machine) and the feeding of them to a collection table, or check weigher, or metal detector.

The suitability of the bags to be conveyed must be confirmed in advance by a sampling from the manufacturer.

Proper use includes compliance with the instructions and notes in these guidelines.

Any use beyond the scope of the intended purpose or other type of use is deemed to contravene the intended use and is improper use.

If products are used with the machine that do not correspond to sample products given to the manufacturer beforehand, it is considered improper use. The user/operator of the machine is solely liable for any resulting damages.

If the operator intends to use products that do not correspond to the sample products provided, written approval must be obtained from the manufacturer. The operator is obliged to provide all the necessary information.

2.2 Safety instructions for operating the machine

- It is forbidden to remove, damage, change or cover the safety devices, warning and information signs.
- If it is however necessary or unavoidable to disassemble the safety devices during maintenance or repairs, the safety devices must be reinstalled immediately after the work.
- Alterations to the machine or individual parts of the machine can affect the safety functions. Please obtain written approval from us before any alteration. We take no liability for unauthorized modification to/in the machine.
- Make sure that the power input required for using the machine is supplied by the electrical installation (fuse, wire size etc.). Otherwise there is a risk of damage to the machine or electrical installation!
- Only start operating the machine once it has been fully installed and adjusted.
- Before operation, ensure that the machine is in its proper condition.
- Before starting the machine, ensure that there are no tools or objects on or inside the machine.
- Only persons who have received official training may use this machine.
- Never leave the machine running unsupervised.
- Switch off the machine and unplug it from the mains before opening the machine.

-
- Do not use the machine in areas with high air humidity.
 - Avoid the machine being in contact with a lot of steam.
 - Don't use the machine in dusty surroundings.

2.3 Safety instructions for operating personnel

The different tasks and work on the machine place different requirements on the qualification of the persons responsible for carrying out the work. In the interests of safety of staff and the machine and to avoid dangers:

- All work must be carried out by persons qualified to do it
- Insufficiently qualified persons must be kept out of the work area
- Only staff with sufficient training in operating the machine and safety measures should be allowed to work on the machine.

Additionally, the following points must be noted:

- When operating the machine staff should wear suitable protective clothing such as gloves, goggles etc.
- If faults or irregularities occur while operating the machine, such as unusual noises, sudden shutdown etc, the machine must be immediately stopped and checked by the operating staff.
- Only operate the machine in accordance with these instructions and current operational health guidelines. This will prevent accidents and faults.
- Only carry out work that has been assigned to you.
- Keep the work space tidy, as messiness increases the risk of accidents.
- When the machine is cleaned the electricity and compressed air supply must be switched off.

2.4 Safety instructions for handling electrical equipment

- Switch off the machines before repair or maintenance work and before starting work check that there is no voltage.
- The connection of the machine to the external power supply, as well as work on and inside the electrical area of the machine should only be carried out by qualified electricians.
- Make sure that electrical cables to and in the machine cannot be damaged.
- Switch it off fully before starting repair or maintenance work.
- Modifications or alterations to the electrical safety devices are forbidden.
- Changes to the programming of the SPS are permitted only with written approval from BluePack Machines GmbH.

2.5 Possible hazards

Even if used properly, there is a possibility of hazards caused by the machine. To avoid dangerous situations, personal and material damage, the following lists residual risks that must be taken into consideration alongside the information given above.

2.5.1 Electrical hazards

There is risk of death due to electrical shock if any of the parts carrying live voltage are touched. Faulty or damaged insulation and damage to the electrical components could also cause fatality:

- All work on the electrical equipment of the machine must only be conducted by electricians.
- If the insulation is damaged, the machine must be immediately disconnected from the power supply and repairs carried out.
- The power must be switched off before any work is carried out on the electrical equipment of the machine.
- Keep the voltage carrying parts away from moisture.
- Never bypass or deactivate the safety equipment.

2.5.2 Hazards from mechanical parts

Mechanical parts can cause serious injury by their movement, such as crushing. Therefore:

- When operating the machine never open covers, reach into or fiddle with moving parts.
- Before opening covers it is essential to adhere to stopping times, ie to ensure that no parts are moving after the machine has been switched off.

2.5.3 Stability

If the machine has not been secured or is on an unsuitable surface it could cause the machine to move or tip over. This could result in injury or material damage. Therefore:

- Machines must be installed on a suitable load bearing surface.
- The machine should be secured against rolling away.

2.5.4 Possible hazards from the filling material

Hazards can occur from the filling material used, resulting from the chemical composition, temperature and other specific properties of the medium. Therefore:

- You must comply with the safety leaflet for the filling material and the instructions and information it contains.
- Persons handling the material must be sufficiently qualified and appropriate protective equipment must be available in accordance with the safety leaflet.

2.5.5 Explosion hazards

There is a risk of explosion if ignition sources, such as open flames, hot surfaces, sparks etc. are present in the explosion hazard areas. It is essential to:

- Comply with current explosion protection measures and to follow the specified operating instructions.
- Comply with specified maintenance intervals.
- Keep cigarettes or flames away from explosion hazard areas.
- Ensure that the machine is earthed when installing parts.

Electrostatic charge (friction from parts during operation) in a hazardous explosive atmosphere can cause serious injuries and death. All necessary measures must be taken to prevent electrostatic charge.

2.5.6 Hazards from flammable filling material

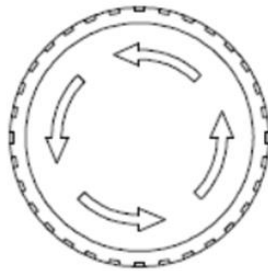
Flammable filling material presents a danger to life. It is essential to:

- Avoid igniting flammable filling material.
- Stop work immediately in the case of fire. Leave the hazardous area and call the fire service.
- Keep suitable fire extinguishers in the workplace.

2.6 Safety equipment

The infeed vibration feeder is fixed to the control box of the Z-conveyor (Fig. 6). The safety equipment for both machines is on the infeed conveyor. The infeed conveyor has an emergency stop button (Fig. 1) and a main switch (Fig.2).

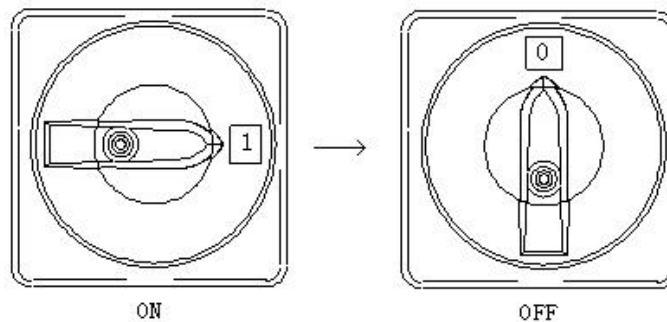
2.6.1 Emergency stop



Pressing the emergency stop button immediately interrupts the electricity supply.

To turn the electricity supply back on, turn the emergency stop button in the direction of the arrow (unlock).

2.6.2 Switch off



To switch the machine's power off, turn the main switch anti-clockwise to position '0' or in 'OFF'. The compressed air supply will also be immediately cut off.

2.7 Operator's obligations

The operator uses the machine for commercial purposes and is subject to legal obligations on occupational safety. The operator must comply with the specified safety information, as well as the current accident prevention, safety and environmental regulations relevant to the application area of the machine.

The operator:

- Must inform themselves of the occupational protection guidelines and identify hazards in a risk assessment. These result from the specific working conditions of the site where the machine is operated.
- Must implement the resulting measures in the form of operating instructions.
- Must check whether the operating instructions they have drafted correspond to the current status of guidelines and must adjust the instructions where necessary. This applies to the entire period in which the machine is used.
- Must inform themselves of hazards that could arise from the filling medium and only use qualified staff to handle the filling medium.
- Regulate and specify the responsibilities for maintenance, cleaning, fault rectification, installation and operation.
- Regularly check that all the safety equipment is complete and functioning.
- Ensure that the machine is always free from technical faults.
- Ensure that all staff who handle the machine have read and understood these instructions.
- Provide the necessary protective equipment for staff.

3 System

3.1 Description

The outfeed conveyor belt is used for the removal of finished products in units over differences in height with subsequent feeding to, for example, a product collection table or similar.

The conveyor belt is moved by a chain drive and a gear, which ensures a smooth and stable run.

The plastic conveyor belt used is washable and therefore hygienic to clean.

This system is primarily used for finished bags of various shapes and can be ideally integrated into a complete packaging line consisting of other components and machines of the VERTIwrap series.

3.2 Specifications

Typ:	A
Electrical connection:	220V
Power consumption:	0,2kW
Dimensions LxWxH, where H is adjustable	1200x312x870mm
Weight:	60/70kg

3.3 Installation

Set up the transport system according to the illustration.
The machine must be installed on a solid base.
Connect the machine properly electrically.



Fig: sketch of conveyor A

Please check the tension of the chains regularly during operation and avoid loose products getting into the chain or gear.
If the conveyor belt is damaged, replace it, making sure that each tooth of the sprockets is correctly inserted into the holes provided as shown in the figure below before connecting the two loose ends.

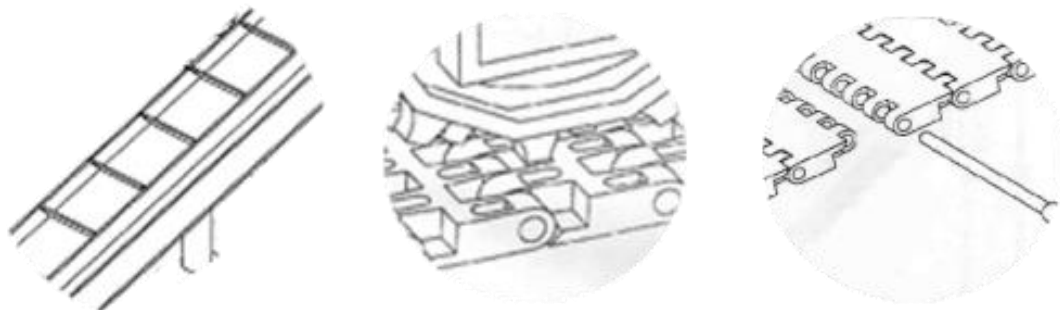


Fig: sketches of the plastic conveyor belt mounting

4 Operation

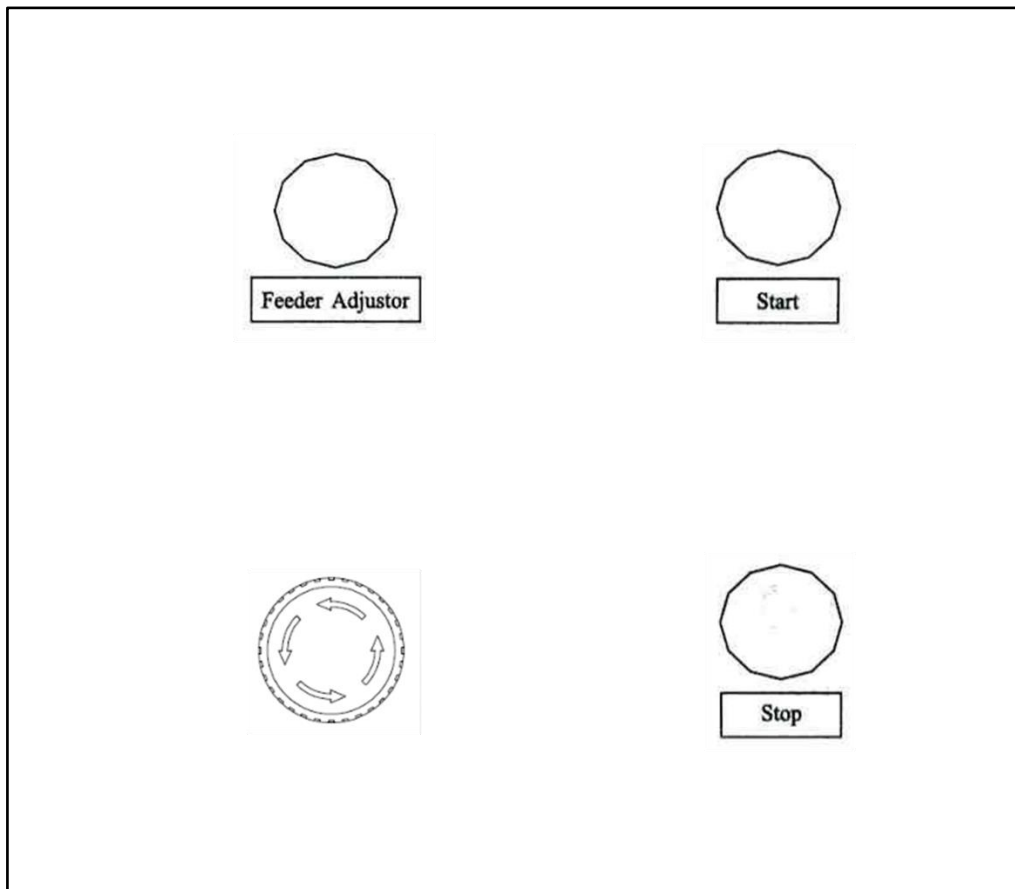


Fig: operating panel

Feeder Adjustor	--	Speed control
Start button	--	Starting the conveyor belt
Stop button	--	Stopping the conveyor belt
EMERGENCY STOP	--	Interruption of energy supply

4.1 Switching on and off

Turn it on:

Turn the main switch clockwise to the "ON" or "I" position.

Turn it off:

To switch off the turntable without voltage, it must be disconnected from the mains.

To do this, turn the main switch counterclockwise to the "OFF" or "0" position.

4.2 Starting and stopping

Launch:

- Check that the machine is switched on. Switch on the machine if necessary.
- Check whether the EMERGENCY STOP button is unlocked. If necessary, unlock the EMERGENCY STOP button (turn in direction of the arrow)
- Press the Start button.

Stop:

You can stop the outfeed conveyor belt by pressing the stop button.

In an emergency, press the EMERGENCY STOP button.

5 Maintenance and cleaning

Note! Maintenance and cleaning must only be carried out when the machine is switched off. There is a high risk of injury! All maintenance and cleaning must only be carried out by trained personnel.

5.1 Maintenance and lubrication

Every machine must be checked at regular intervals to see that it is functioning properly, to identify any defects and immediately rectify them and to identify defects developing.

Regular maintenance of the machine ensures that the machine has a long and problem-free lifespan with low maintenance costs.

Check regularly:

- no screws have come loose
- all safety devices (EMERGENCY STOP, interlock switches, etc.) are working.

Should the condition of components make it necessary to replace them, please use only original spare parts to ensure proper and faultless operation of your system.

5.2 Cleaning

General guidelines: if the machine is used in the food sector, relevant hygiene regulations must be observed. This also applies to the cleaning materials used. Non-compliance can lead to contamination of the product and injury and health damage among consumers.

Clean all components that come into contact with the product daily after the work is finished or when changing product - during long breaks or before renewed use. Also regularly clean dust and dirt from the machine, including the control panel and switch box.

Each time before using the machine check for and clean away any remnants from previous use.

If the machine is not used for a prolonged time, switch off the power and clean the machine thoroughly.

- Rinse through all hoses/pipes
- Disassemble the pump and clean all parts thoroughly

6 Declaration of conformity



CE-Konformitätserklärung

Confirmation of conformity

Hiermit erklärt die
This is to certify by

BluePack Machines GmbH, Gutenbergstrasse 38,
21465 Reinbek, Germany

dass das Produkt
that the product

Marke / Brand: AMTEC
Modellreihe / Model Series: VERTIwrap
Beschreibung / Description: Ausfuhrförderband
Outfeed conveyor
Modell-Typ / model type: *s.u. angebrachter CE Aufkleber /*
according to below ce label
Nr. der Serie / No. of Series: *s.u. angebrachter CE Aufkleber /*
according to below ce label

die Anforderungen erfüllt:
meet the requirements of:

Maschinenrichtlinie / Machinery Directive 2006/42/EC

Eine technische Dokumentation ist vollständig vorhanden. Die zur Maschine gehörende Betriebsanleitung liegt in der Originalfassung und in *englischer/deutscher* Sprache vor.
A technical documentation is available. The machine operating instructions are available in its original version and in English / German.

Unterschrift / Signature: Martin Conrad
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