



Production
engineering



ASF15

TURNING TABLE FOR SHRINK-WRAPPED BOTTLES

OPERATORS MANUAL

Contents

1	General information	3
1.1	Preface	3
1.2	Disclaimer	3
1.3	Copyright notice	3
1.4	About these instructions	3
2	Safety instructions	4
2.1	Risk levels	4
2.2	General (product-independent) safety instructions	4
2.3	Product-specific safety instructions and intended use	5
2.4	Non-intended use	5
2.5	Target group	5
2.6	Examples of foreseeable misuse	5
3	Product description	6
4	Installation Instructions	7
	Mounting the rotor	7
	Adjusting the unit to the in-feed height	7
5	Usage	7
5.1	ASF15 Handling	7
	Set bottle height	7
	Changing the bottle height	7
5.2	adjust the turning station ASF15 to further bottle heights without existing positioning holes	8
6	Maintenance and Care	9
	Maintenance	9
	Cleaning and care	9
7	Decommissioning	9

1 General information

1.1 Preface

Thank you for choosing this turntable. It has been specially developed to free shrink-wrapped bottles from their packaging. These operating instructions have been carefully prepared to help you make optimum use of the ASF15. It contains detailed information on the functions and the necessary safety measures. Please take the time to read these instructions carefully to ensure efficient and safe operation of your turntable. These operating instructions contain all the essential information you need to operate the appliance safely and effectively. If you have any questions or uncertainties, please do not hesitate to contact our customer service department.

We wish you every success and hope that this device will make your everyday work easier.

Yours sincerely,

Christof Völkle
CEO, Sonation GmbH.

1.2 Disclaimer

The operating instructions contain all relevant information about your product. However, due to product variations, your product may not be equipped with all the functions described here. Use the operating instructions supplied with the product. Sonation accepts no responsibility or liability for damage resulting from the use or utilization of the product that does not correspond to the intended use or is explicitly defined as foreseeable misuse.

1.3 Copyright notice

This document is the intellectual property of Sonation GmbH. This document and all its contents are protected by copyright. They may not be copied, modified, reproduced or published in whole or in part without the prior written consent of Sonation.

The information and technical data in this document are subject to change without notice.

1.4 About these instructions

These operating instructions are a document from Sonation GmbH. The product specified on the title page is described in its function. In addition, you will receive the most important information for the safe use of this device.



IMPORTANT

- Read carefully before use.
- Keep for future reference.

2 Safety instructions

2.1 Risk levels

If dangers may arise when carrying out the steps described, appropriate warning notices will indicate this. The warnings are divided into 4 classes, which are described below:

These different degrees of risk are used to illustrate the level of hazard.

High risk level



DANGER!

This signal word indicates a hazard with a high degree of risk which, if not avoided, will result in death or serious injury.

Medium risk level



WARNING!

This signal word indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.

Low risk level



CAUTION!

This signal word indicates a hazard with a low level of risk which, if not avoided, may result in minor or moderate injury.

Information



INFORMATION

This signal word indicates a condition which, if not avoided, can lead to undesirable behavior without further danger.

2.2 General (product-independent) safety instructions

- Please read these operating instructions carefully before using the product. It contains important notes on Installation and usage.
- The user manual is part of the product. Keep it in a safe place. If the product is sold, rented or passed on in any other way, the user manual must be included.
- Heed all warnings. These point out dangers and give recommendations for accident prevention.
- Only install and operate the unit in locations expressly recommended by the manufacturer.

2.3 Product-specific safety instructions and intended use



WARNING!

The rotor must be fully opened when loading or unloading the turntable. Due to its own weight, there is a risk of the partially opened rotor closing automatically and trapping body parts.

The product is a mechanical unpacking and turning aid for bottle packs which are either provided shrink-wrapped or in plastic trays.

2.4 Non-intended use

A non-intended use is given when the equipment is treated in any way that is contrary to any of the points from the chapter 2.2 „Intended use“ on page 5.

2.5 Target group

These operating instructions are intended for persons who are involved in the following activities with the product and have appropriate technical training or have received appropriate training:

- Transportation
- Installation
- Operation
- Decommissioning

Persons under the influence of narcotics or medication that impair the operation of machines must not perform any actions on the devices described in these instructions. This also applies to private individuals and children.

Misuse will invalidate any liability and warranty claims.

2.6 Examples of foreseeable misuse

- Operation by unqualified persons.
- Operation under the influence of narcotics or medications that impair the operation of machines.

3 Product description

3.1 Overview

With the ASF15 turning table, shrink-wrapped bottles can be freed from their packaging without any effort.

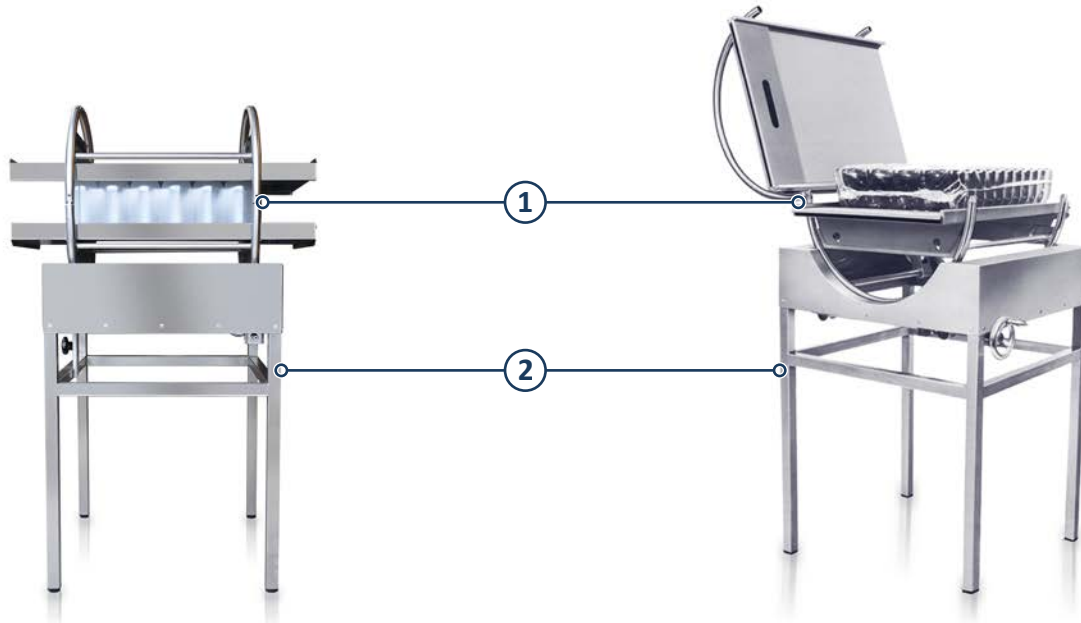


Fig. 1: Turning station ASF15 (base and rotor)

① Rotor

② Base



Indoor use only



Do not dispose of in household waste

4 Installation Instructions

Please check the scope of delivery for completeness before starting the installation.

Mounting the rotor

The arrows attached to the rotor plates must point towards the infeed direction. Make sure that the rotor plates are in a horizontal position when the stop bolt engages with the slide. The bolt is pressed against the slide when the rotor is opened.

Adjusting the unit to the in-feed height

The unit is set to the operating height specified in the order. If there is a difference in height, the four adjusting feet must be set in such a way that the unit is in a horizontal position and that the heights of the push-off plate and the rotary table match. Close the rotor and turn it by 180°. Now the other push-off plate must match the rotary table height precisely.

5 Usage

5.1 ASF15 Handling

- Place the bottle pack upside down in the opened rotor
- Slit the plastic foil crosswise and pull it back over the edges
- Close the rotor and turn it
- Open the rotor and remove the plastic foil
- Push-off the bottles for further processing
- Repeat the procedure for the next pack. to process the next bottle pack, there is no need rotate back to the original position - the unit can be used in both directions.

Set bottle height

Insert the four ball handles with locating pin - fastened tho the machine with adhesive tape - into the corresponding bores on the rotor. If no specific format naming was agreed with the order, the specified numbers indicate the set bottle height in mm.

Changing the bottle height

Release the four hexagon nuts and slide the plate to the appropriate bottle height. Insert the locating pins at the correct bottle height and tighten the four nuts. Turn the rotor by 180° and repeat the process. Release the adjusting slide and set the unit to the appropriate height using the hand wheel. Tighten the adjusting slide. Turn the rotor by 180° and check that the in feed height is correct.

For a bottle height not yet prepared by us it is recommended to drill and mark bores for the new bottle height, because a repeated change-over is much easier using the locating pins. See above, „Changing the bottle height“.

5.2 adjust the turning station ASF15 to further bottle heights without existing positioning holes

Normally, the ASF15 turning station is equipped with predefined positions for each bottle height. However, if the height of the bottle packs is not known at delivery, the ASF15 must be adjusted manually. To do this, please follow the following steps

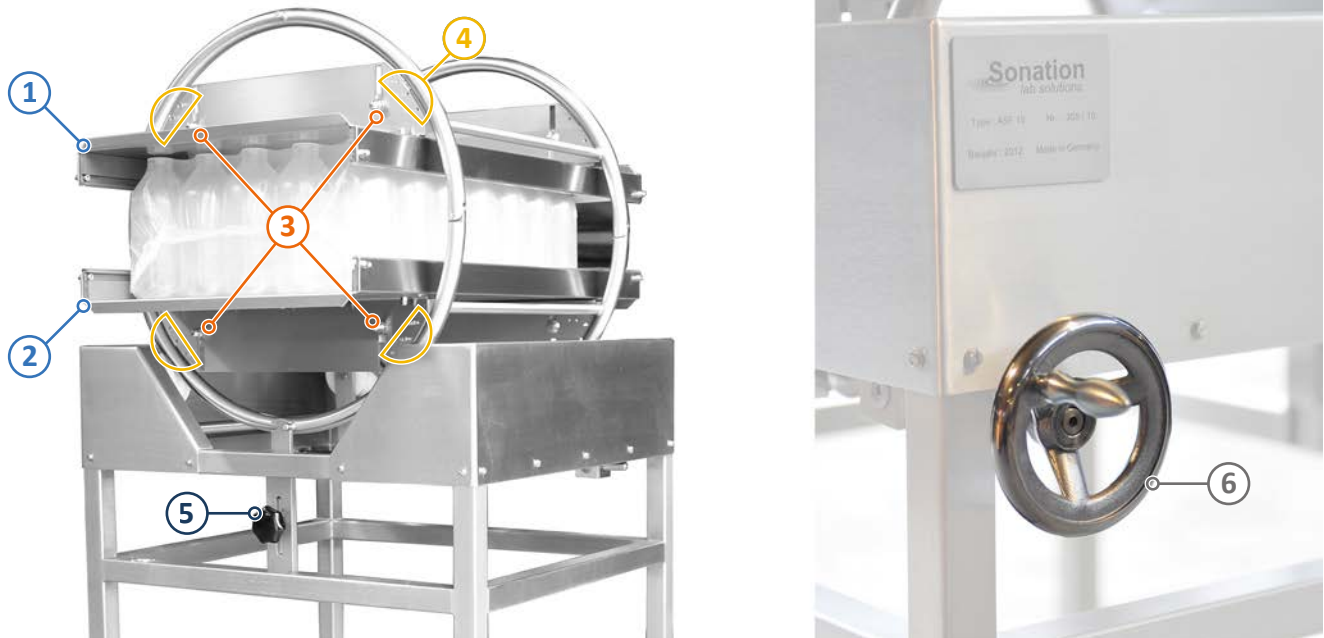


Fig. 2: Elements of the turning table

- | | | |
|--|------------------|---------------------------|
| ① Bottle plate 1 | ② Bottle plate 2 | ③ Locking Screws |
| ④ Pegging holes for predefined heights | ⑤ Star knob | ⑥ Height adjustment wheel |

- Place the ASF15 near the table or the production line the bottles shall be shifted to for further handling.
- If not already done, adjust the ASF15 to the smallest predefined bottle height. Even on models without any given bottle height there is at least one predefined reference position. To do so, loose the screws that hold the plates in position (3) and move the plates into position that the locking bolts can be put into the predrilled holes (4).
- Release the stopper mechanism by loosening the star knob (5).
- Turn the handle (6) to lower the rotor to the lowest possible position.
- Close the stopper mechanism by fastening the star knob (5).
- The lower plate (2) should now have the same height as your production line. If not so, adjust the height of the base by screwing the caster wheels in or out. Use a water level to ensure that the turning station stands horizontally in both directions.
- Now turn the adjustment wheel (6) to move the rotor up by half of the difference between the height that is adjusted at the moment and the height of the bottles you want to use. For example if the actual height is 50mm and you want to adjust the unpacker to 120mm bottles, move the rotor up by $(120 - 50) / 2 = 35\text{mm}$. Please ensure that the stopper mechanism (5) is loosened during this step.
- Release the screws (3) of the lower plate (2) and adjust it to the height of your production line. Use a water level to ensure that it is horizontally mounted. Fix this position by tightening the screws.
- Turn the rotor by 180° and repeat the last step with the other plate.

The unpacker is now set-up for this bottle height. To fix this position, additional holes can be drilled like the ones already present (see (4) in figure 1).

6 Maintenance and Care

Maintenance

The product is basically maintenance-free but not wear-free. If a wear-related defect should occur, please contact your dealer or Sonation directly to clarify the further steps.

Cleaning and care

Use a soft, damp cloth to clean the surfaces. Aggressive solvents, bases or acids must not be used for cleaning. If you have any questions about the compatibility or applicability of cleaning agents, please contact your dealer or Sonation before use. If the device comes into contact with hazardous substances, it is the user's responsibility to ensure appropriate decontamination.

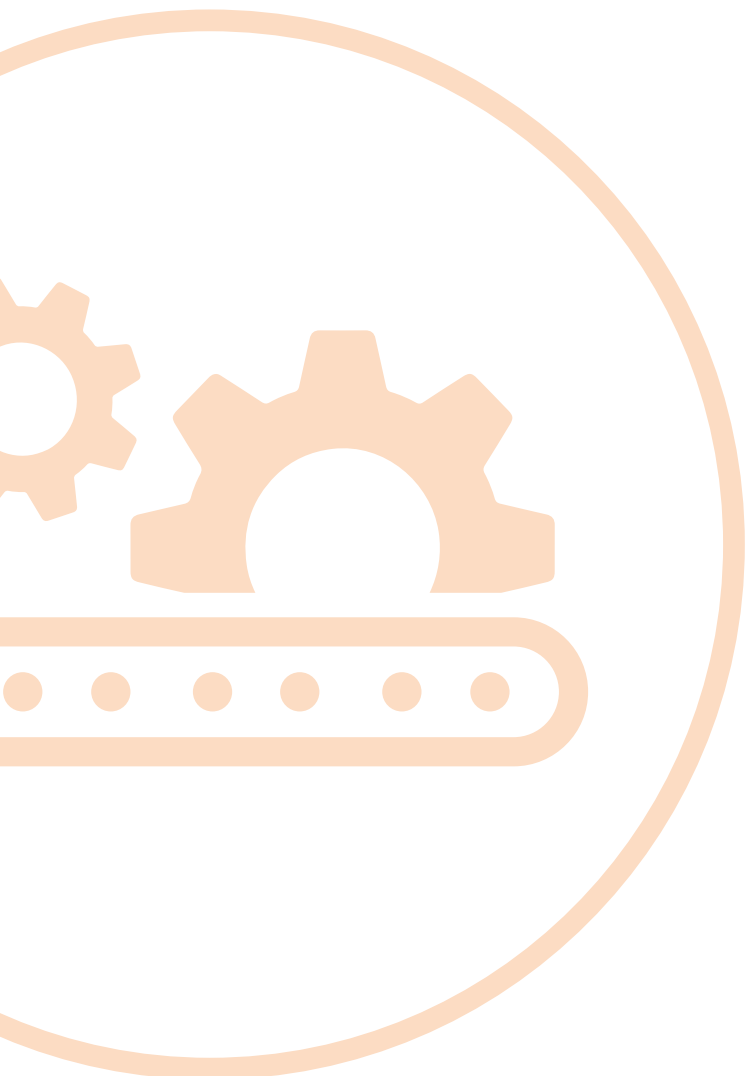
7 Decommissioning

Disposal

Dispose of the product in accordance with local and national safety and environmental regulations.

The product must be disposed of in accordance with the applicable environmental regulations of the respective country. If you have any questions, please contact us.

The product can also be returned to the seller for disposal. In this case, the transportation costs, including packaging costs, shall be borne by the buyer. Please inform the seller of the return within 14 days before the expected arrival.



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