

Operating instruction

Destoner unit for PROBATONE
type 41E5/12

Comm. No.:



CE

1.1 Copyright

Treat this manual confidentially. It is solely determined for those persons involved with the system. It is not permitted to pass these instructions to any third party without prior consent in writing by the manufacturer.



NOTE!

The contents, texts, drawings, images and other representations are protected by copyright and are subject to intellectual property rights. Any misuse is liable to prosecution.

1.2 Proper use

PROBAT destoner units

- are intended for separating stones and small parts out of the roasted coffee products
- to be used only for the ordered and confirmed purposes.
- to be operated only under the application conditions prescribed in the operating instructions.
- not to be operated beyond the corresponding upper limits.

Any other application will be considered as inappropriate!

1.3 Responsibility of the operator

The unit is used in the industrial sector. Therefore, the unit operator is subject to the legal duties regarding health and safety at work.

In addition to the health and safety instructions, the safety regulations, accident prevention regulations and environment regulations must be observed.

1.4 Warranty conditions

The warranty conditions have been summarised as a separate document in the sales documents.

Operating instructions

2 Technical data



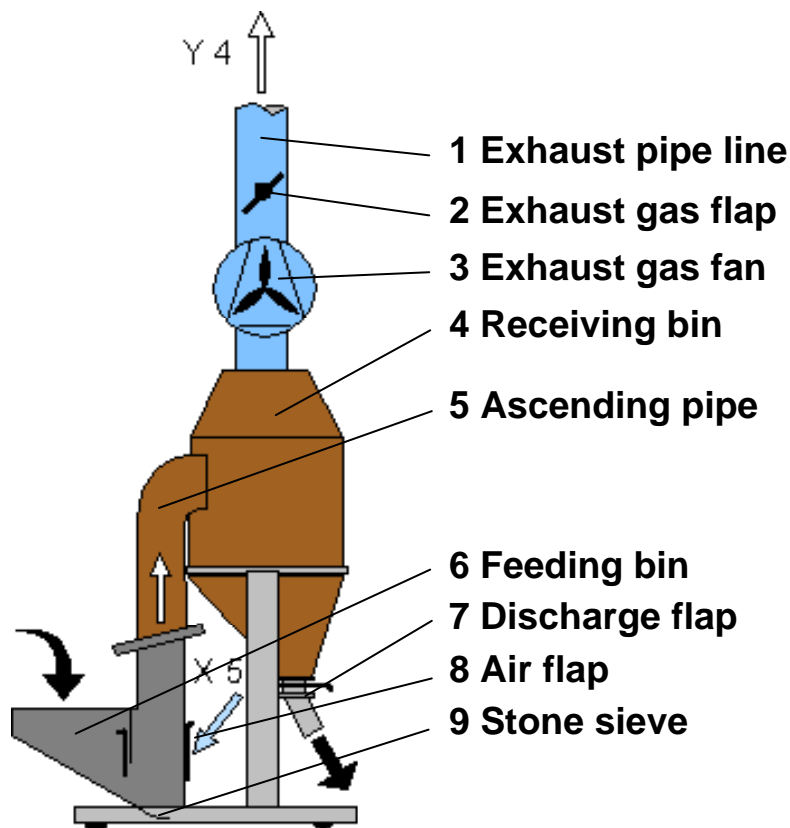
Destoner unit		
Dimensions in mm approx.	Length	856
	Width	423
	Height	1.867
Receiving bin in mm approx.		Ø 353
Ascending tube base in mm approx.		80 x 25
Ascending tube in mm approx.	dia.	70
Exhaust pipe in mm approx.	dia.	70
Motor	Performance in kW	0.3
	RPM	2,830
	Voltage in V	230
	Frequency in hz	50
	Current in A	2,3

Set-up and function

2.1 Transport

The unit will be delivered packed on pallets or in boxes. Before the assembly, the packing carefully has to be removed on the place of installation and the packing material has to be disposed of properly!

2.2 Schematic set-up



Hint!

The complete destoner unit is mobile, so that it can be installed at any place.

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2.3 Connections

2.3.1 Exhaust pipe line

Lead the exhaust air (Y4) via a pipe line into the open.

2.3.2 Electrical connection

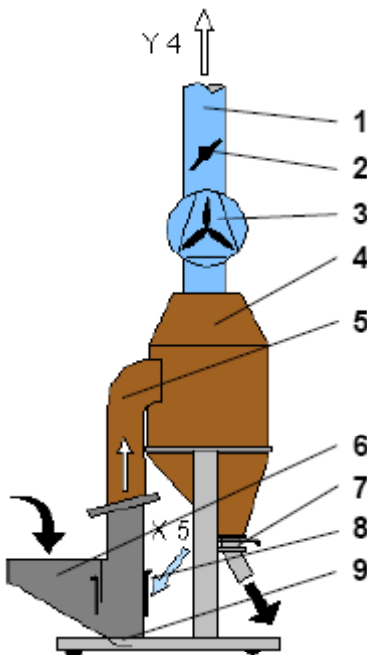
The destoner unit is ready to plug in and has to be connected with a corresponding socket.



Hint!

Compare the indicated voltages with the existing local voltages.

2.4 Function



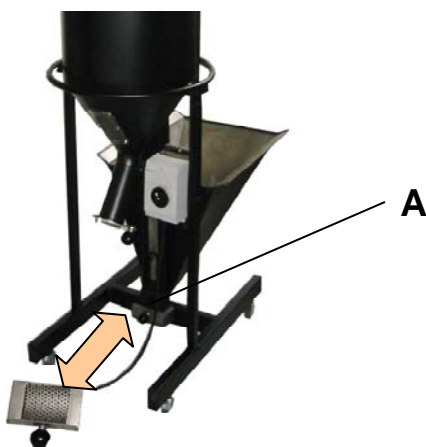
Before emptying the coffee out of the cooler into the feeding bin (6), the destoner unit has to be switched on at the panel.

The exhaust fan (3) sucks air through the destoner boot and the receiving bin (4). The aspiration is adjustable on flap (2). In the destoner boot the coffee flows dosed underneath a slide gate onto a sieve (9). A partial flow of air is sucked upwards through the sieve. The roasted coffee beans therein are carried up to an air flap (8) through which a second adjustable air flow (X5) is sucked. The later takes the coffee beans and conveys them to the receiving bin (4). Stones and specifically heavier particles are due to the smaller contact surface and their weight not whirled up in the sieve. They are collected in the lower sieve strip.

Under the receiving bin there is a manually operated outlet slide gate (7) for emptying into a provided receiving bin (by and at the charge of the customer).

The exhaust fan (3) conveys the destoner exhaust air via a pipe line into the open at Y4.

2.5 Cleaning



After each roast, the separated parts on the flap (A) on the feeding bin have to be emptied.

Dust deposits on the destoner unit have to be removed regularly.

Once a year it has to be checked if the exhaust fan (3) is running evenly or if it is damaged.

In case of power drop check the sieve with regard to contamination; to this end open the tension ring and remove the top. **Pay attention to the cable connection to the motor.**

Clean the sieve and reassemble it.