



The most effective of chamber drying systems: with static components made of 100% stainless steel, a throughput capacity of up to 14 hoses per hour, a unique operating principle, unrivalled energy efficiency, unbeatable effectiveness and a top-class ergonomic design for a superior drying process in one-man operation - without bending, flaps and walking!

The hose continuous dryer from PREY - SDT for short - is the only chamber drying system that dries the outer skin of fire hoses with targeted thermal energy and feeds it to the air depending on the degree of moisture saturation.

The SDT can be used either as a separate or integrated drying device, can be combined with any type and make of hose maintenance system and, thanks to its unique operating principle, automatically adjusts to the number of strokes specified by the hose maintenance system without the need for a control connection.

In contrast to conventional drying ovens, the SDT is neither opened manually nor in the full cross-section of the doors. Instead, the loosened hose coils are automatically fed in or removed through the smallest possible flaps that also open and close automatically, which means that a maximum of thermal energy remains in the drying chamber and can be used optimally.

The automatic flow from the bottom to the top feeds the humid hoses to the hot air blower as the humidity saturation level of the air decreases, ensuring a continuous drying process with the driest air on the next hose to leave the chamber.

The operation takes place at a time offset to the operation of the respective hose maintenance system and accordingly does not require any additional process or working time, since, for example, idle times inevitably arise for the operator during the washing and pressure testing of the next hose. The same applies to the follow-up time after the last hose to be maintained, which is automatically controlled and terminated by the SDT.

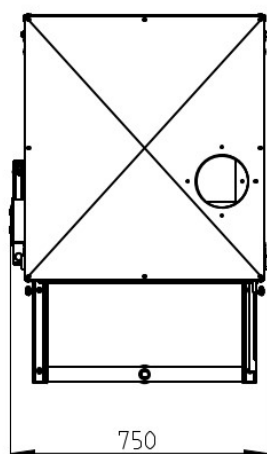
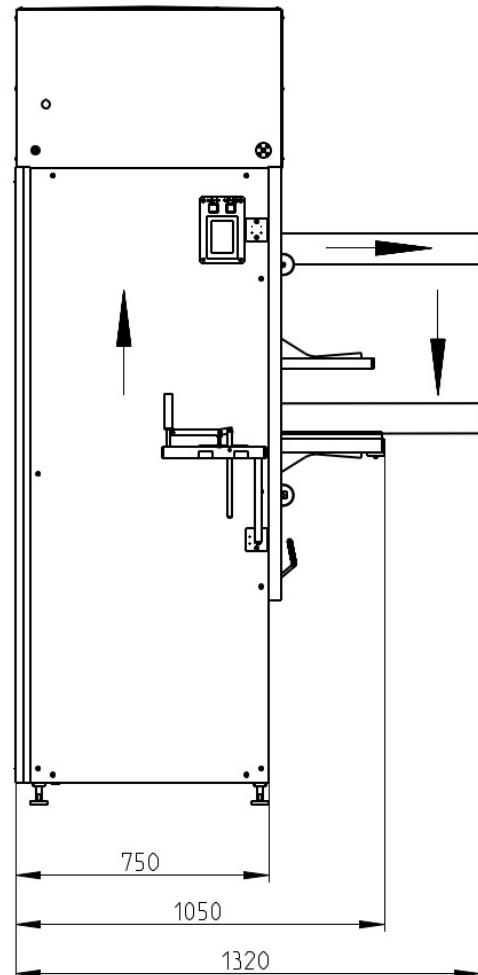
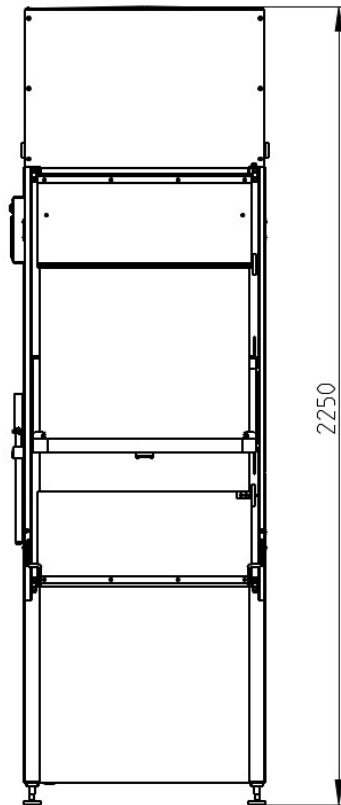
No separate drying technology without a tower, such as inclined, channel or cabinet drying, comes close to achieving the time or energy efficiency of continuous drying. The SDT removes up to 800 g of water from a 20 m long size B hose that has already been wet-extracted, at a throughput rate of up to 14 hoses per hour.

In addition, with a footprint of just 0.56 m², the SDT requires the least space of all drying systems.

Technical datas:

Artikelnummer:	1-005-050235
Name:	Revolving fire hose dryer
Typ:	SDT
Dimensions:	750 x 750 x 2250 mm (BxLxH)
Weight:	242 kg
Electrical	
connections:	400V AC / 50Hz / 6kW / 16A
Capacities	
- Hose Sizes:	25 – 75mm

- Hose lengths:	until 35m 75mm hoses
- Hose types:	all known materials
Functions:	drying
Operating mode:	One-man operation
Blower:	full automatic
Installation type:	freestanding
Combination with	
Hose maintenance	
single units:	all
Fire hose	
maintenance systems	PRO 1
	PRO 2



technical details

Exhaust air connection:	DN 150 (optional)	Power connection:	AC / 400 V / 16 A / 50 Hz
Weight:	242 kg	Performance of the Line:	6.0kW

Revolving-Fire-Hose-Dryer