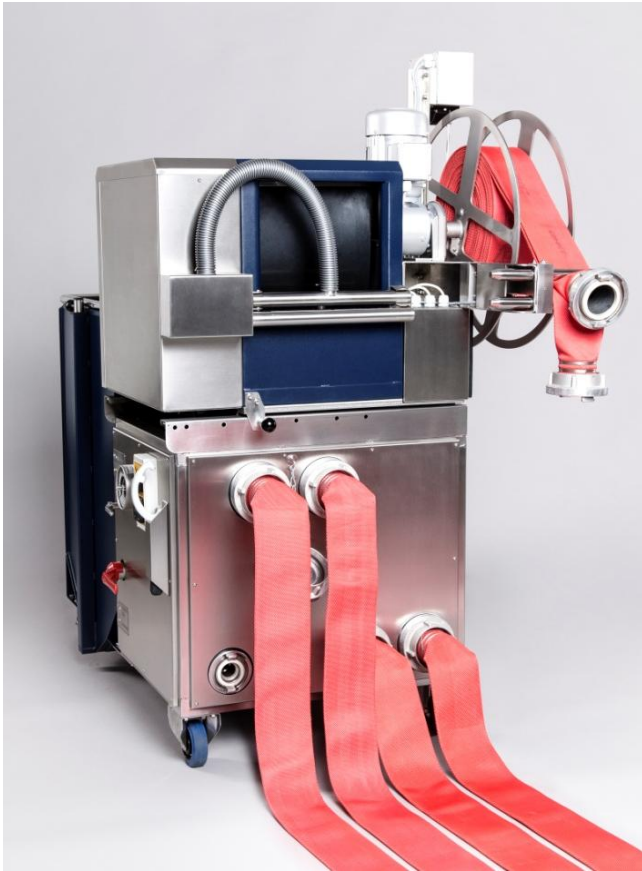




The flagship among the combi units - our compact unit: With integrated large pre-soaking container for simultaneous washing, drying and pressure testing of up to two fire pressure hoses of sizes 75mm, 45mm and 25mm or one hose of 110mm or 150mm and an automatic hose winder for hose lengths up to 35 m - optional as mammoth variant for 150mm-hoses and hose lengths up to 40 m.

The hose maintenance compact unit by PREY - short VWTPW - is named after its functional units and combines all basic functions of hose maintenance with the drying function. Our compact device is unbeatable in material and build quality, functionality, ergonomics, efficiency, effectiveness, and economy of space.

The VWTPW differs from other combi tools besides the highest number of functions through a side panel with adjusted stainless steel sheets.

The functional components:

- The **pre-soaking-container**- short KVA - with four hose compartments for twelve 75mm- or 24 45mm hoses allows besides to the pre-soaking the plane and safely guiding of the hoses in the high-pressure washer.

It is water-saving shaped in depth, width, height and floor execution and require correspondingly a minimal amount of water for a maximum number of hoses.

The sealed space-saving and also very stable cassettes are matched in width to the different hose widths and ensure the upright and thus secure, torsion-free unwinding of the hoses when pulling through the hose washing machine. Twisting (corkscrew effect) is thereby effectively prevented.

The top edges are trimmed with a polished, 25 mm thick round tube made of stainless steel and welded mitered to prevent the rear hook of hose couplings, sleeve buttons, etc.. In addition, the round tube to the hose washing machine is equipped with a bent back by 180 ° plate which leads the trailing coupling clear over the edge and prevents rocketing. The plate is removable and is required in accordance with the same width for several KVA only once.

The drain valve made specifically and exclusively made for the KVA proceed vertical and centered along a side to just below the top, where it can be opened and closed in headroom by the operator convenient and easy, without the latter having to bend down. The outlet is located at the lowest point of the KVA, so that the water can drain out, and does not protrude. This prevents that the KPA is hooked behind of baseboards, door frames and other objects during the movement.

- The **hose-washing mashine** – short SWM – with high pressure technology is the most economical and most robust of its kind. The pressure lines are equipped with virtually maintenance-free fan nozzles. According the powder-coated housing has no moving parts in the wet-cave.

The SWM is connected to the base frame of the VWTPW with a roller- and guide rail structure and is corresponding laterally to displace and to lock. This ensures that the SWM can be always positioned in an ideal position just before the respective cassettes of the KVA, from which the hoses are to be pulled out and washed and dried.

- The **hose-moisture-suction** – short SNA – arise from the proven system technology of the compact and process system. Three specially developed and manufactured cyclone separator are summarized in a drying unit lateral on the washing mashine casing.

The necessary vacuum is performed through a flexible line in the polished stainless steel tubes of the suction device, which is equipped with finest suction slots to avoid additional air. The suction device is mounted lateral in a rotational axis and opens automatically the way for pursuing couplings when the operator at the other end of the hose pulls this out from the washing mashine.

- The **hose pressure test station** – short SDP – with fully welded stainless steel piping allows a secure and compliant pressure test with easy effort. To protect the operator and others from the dangers posed by bursting hoses the hose sealing ends are firmly placed and installed in the base frame, so that at the pressure testing every coupling end is fixed to the particularly stable unit.
- The **automatic hose winder** – short ASW – is the most ergonomic of its kind. It has in addition to the stable reel discs a powerful gear motor and a safety switchgear with frequency converter.

The ASW has all the features of our modern winding technology: automatic mode with overload shutdown, contact monitored winding guide fork, automatic winding speed adjustment to reduce with increasing of the winding diameter, winding relaxation fork for easy removal of the clean wound hose and a remote control, with which the operator can start the winding process even during the way back to the winder.

Pre-soaking-container, frame, piping, containment, washing mashine housing, winder – virtually all metal components of the **VWTPW** are made of high quality, durable stainless steel (alloy 1431) produced in-house in precise processing quality – for unmatched durability and optimum protection against corrosion even with a use of foam concentrates.

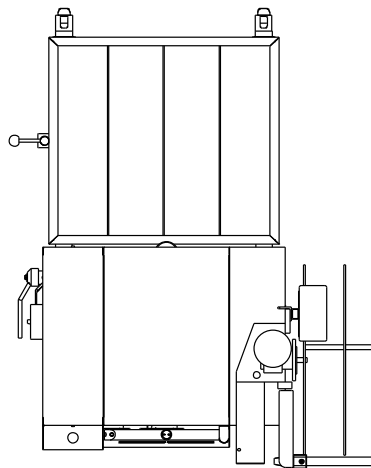
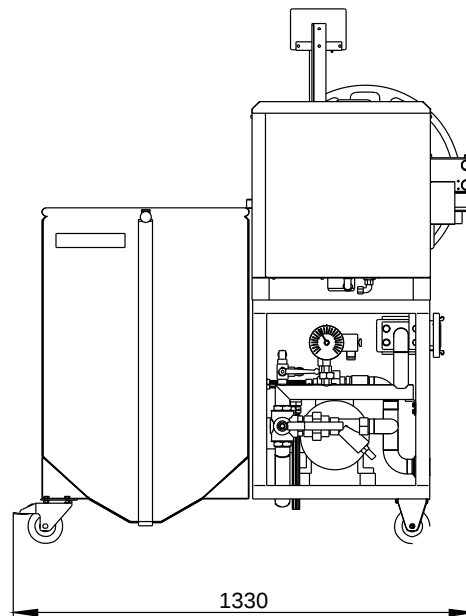
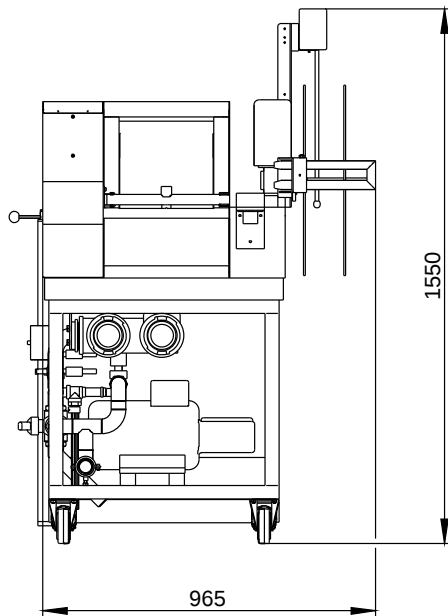
The placement of each two fixed and steering rollers with locking brakes below the VWTPW prevents a hook or get caught on objects and people. They are made of bearing stainless steel blocks with smooth running bearings and particularly quiet, floor-protecting rubber covers for increased driving comfort of the stable and thus extremely stead compact unit.

The built-in components in the VWTPW – pre-soaking container, washing mashine, drying aggregates, testing manifold, winding technology, etc. – are largely identical to those of our proven systems and hold to the highest loads. The VWTPW is mobile, can therefore be used anywhere and if required in terms of any individual site requirements can be combined with any other drying technique preferably with the Revolving Fire Hose Dryer.

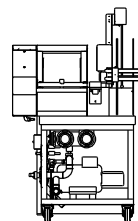
Technical specifications:

Order number:	1-004-040115
Indication:	Fire Hose Maintenance Compact Unit
Type:	VWTPW
Measurement :	965 x 1330 x 1550 mm (WxLxH)
Weight:	273 kg
Connected load:	400V AC/50Hz/7,95kW/16A
Water connection:	2"
Testing connection:	2 x B (75 mm)
test pressure:	0-16 bar
wash pressure:	0-100 bar
Capacity	
- hose size:	1 110mm / 2 75mm / 2 45mm / 2 25mm
- hose length:	up to 35 m (75mm)
- hose material:	all known material
Functions:	pre-soaking
	unwinding
	washing
	moisture suctions
	pressure testing
	winding
Safety functions:	contact monitored winding guide fork
	automatic winding-speed adaption
	automatic winding-overload shutdown
	automatic pressure-test-shutdown (variable)
	safety overpressure valve
Operating Mode:	one man operation
Washing mashine:	self-retaining mode
Moisture-Suction:	connection mode

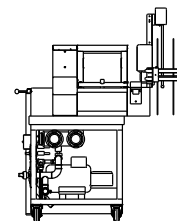
Test Unit:	automatic mode
Winder:	automatic mode
Type of installation:	mobile
Combination with:	all other hose maintenance functions
	Revolving Fire Hose Dryer
	all Fire Hose Hanging Systems
Standard equipment:	pre-soaking-container
	high pressure washing mashine
	hose-moisture-suction
	hose-pressure-teststation
	automatic hose winder
	remote control
	hose-carrying-fork
	hose break (self opening)
	coupling collision safety
	cap coupling
	cable holder
	steering and fixed heavy duty roller
	fixing break
	deflector
	washing mashine sliding carriage
	automatic winding mode
optional equipment:	coupling adapter piece
	upgrade construction for mammoth winder
	winder-swing-construction
	high-pressure-spray lance



SWM verschiebbar für optimale Nutzung des KVA



1:50



1:50

Technische Details

Netzwasseranschluss:	2" (oder Storz C)	Stromanschluss:	AC / 400 V / 16 A / 50 Hz
Gewicht:	273 kg	Leistung der Leitung:	7,95 kW

Vorweichen / Waschen / Trocknen / Prüfen / Wickeln