



The automated premium solution for full- and halfstreet operation with all the advantages of both types of installations for firefighters and industrial service providers with conventional hose maintenance halls:

with static components of 100% stainless steel, a hose maintenance capacity of up to 54 hoses per hour, an intelligent safety concept, unbeatable technical simplicity and ergonomic design for efficient cleaning process in one-man operation!

PRO 2VH – the allrounder: The most powerful hose maintenance street with hose tower worldwide!

The Hose Maintenance Fullhalfstreet of PREY - short PRO 2VH - sets new standards in versatility, ergonomics, design quality and the water and energy consumption.

As on site requirements only water and wastewater, as well as three-phase connections and a suitable floor for a hose maintenance room and rinse water are required.

The automated system performs all hose maintenance functions from pre-soaking, up to unwinding, washing, entrainment, measuring, the optional elongated or semicircular laying, the flood, the pressure testing, pulling, draining, hanging, drying and hang up for winding.

Basis of this versatility was the inventions of automated half- and fullstreets by PREY in the 80s.

Fullhalfstreets are usually combined with Automatic Fire Hose Hanging Systems in full- or half-towers and reach depending on hanging technology a throughput of up to 54 75mm-hoses per hour.

The differences and unique features compared to similar techniques in detail:**The PRO 2VH is ...**

the most automated: From entrainment to eject of the hoses, with the exception of coupling and uncoupling and inserting the hoses into the winder, all steps are takes place automatically. A hose is correspondingly acted only seven times - everything else is done via the user-driven operation on the touch screen. This precludes faulty operation and makes walking distances superfluous.

the most ergonomic: Unfailingly all steps are takes place at waist level without ever lifting the hose up or down during the maintenance process. Before, during and after the cleaning process neither bending nor the handling of loads above shoulder height is necessary.

the most economic: With almost 100% test-water-retrieval and an average power consumption of 2.9 kW per hour it is the most energy efficient hose maintenance street with tower drying worldwide - and required at a performance of up to 54 hoses per hour per 20 m hose less than 150 W.

the most secure: To perform the pressure testing, the operator must get behind a bursting disc and remain there during the pressure testing control system related.

the most durable: All static components and nearly 100% of all metal components are made of high quality, durable stainless steel (alloy 14301) produced in-house in precise processing quality - for unmatched durability and optimum protection against corrosion even with a use of foam concentrates and thus a maximum safety value.

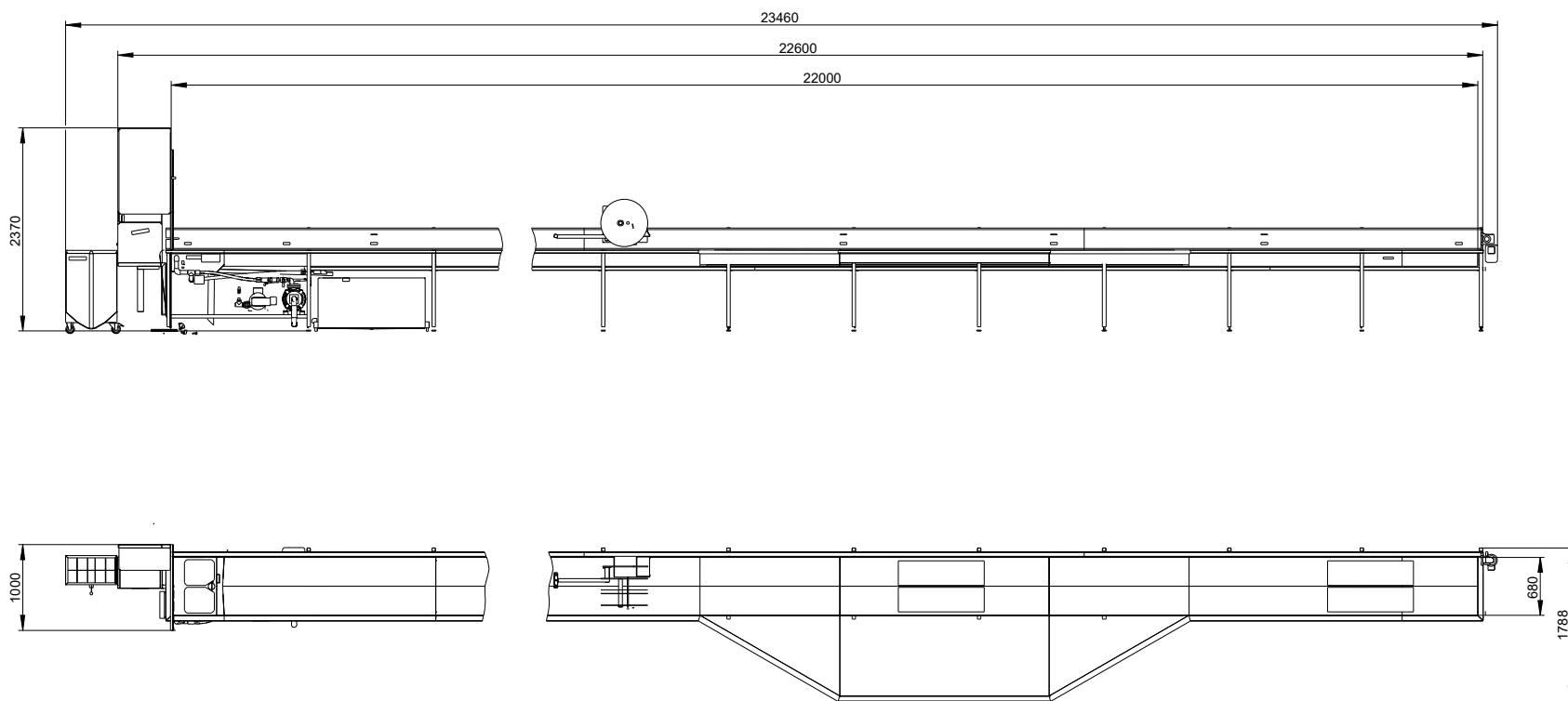
the most complete: The collection and management of hose data takes place via the interactive large touch screen with a Windows-surface during the entire life cycle directly into the system control with an integrated USB interface and direct data import in all common fire service data management programs. An additional, separate computer is not required.

The PRO 2VH handles everything!

Technical specifications:

Order number:	1-003-030008
Indication:	Fire Hose Maintenance Fullhalfstreet
Typ:	PRO 2
Measurements:	800/1800 x 22600 x 2200 mm (WxLxH)
Weight:	1600 kg
Connected load:	400V AC/50Hz/16kW
Water connection:	1 1/4"
Testing connection:	2 x 75 mm
Test pressure:	0-16 bar
Wash pressure:	0-100 bar
Capacity	
- hose size:	1 x 150mm/ 1 x 110mm / 2 x 75mm / 2 x 45mm / 2 x 25mm
- hose length:	up to 40 m (110mm hose)
- hose material:	all known materials
Functions:	pre-soaking
	unwinding
	import
	hose-measure
	washing
	place down
	disengage
	pre-flooding
	test-water-reutilize
	pressure testing
	draining
	winding
Safety functions:	automatic winding-speed adaption
	automatic winding-overload shutdown
	automatic pressure-test- shutdown
(variable)	
	personal protection disc
	towing-function overload shutdown

Operating Mode:	one man operation
System:	automatic mode
Winder:	automatic mode
Type of installation:	freestanding or fixed to the wall
Combination with:	all Hose Hanging Systems
	Revolving Hose Dryer
Standard equipment:	pre-soaking-container
	Touchscreen-control panel
	test bench with base frame
	high pressure washing mashine
	pressure pump compact station
	Automatic-Hose-Winder
	user guided process control
	personal protection disc
	hose-towing carriage with towing arm
	process-water-tank
	automatic level control
	safety lanyard device
	stainless steel tubing
	anti-drumming coating
Optional equipment:	high-pressure-spray lance
	2-Hose-Winder
	suction hose test equipment
	hose-data-management



PRO 2

Datum: 02.06.2015

Maßstab: 1:50

Technische Details

Netzwasseranschluss:	1 1/4"	Stromanschluss:	AC / 400 V / 16 A / 50 Hz
Gewicht:	1.500 kg	Leistung der Leitung:	16 kW

Schlauchpflege-Vollhalbstraße