

HARSTRA

WASH 6HP BARRIER

PROFESSIONAL WASHING MACHINE

GTIN NUMBER: 8720892475428



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Function

The washing machine Wash6HP is specially developed for professional cleaning of SCBA's without breathing cylinder. The SCBA's are connected in the Wash6HP to the high-pressure system provided in the machine.

With that, the Barrier version is the perfect solution for working with a clean and dirty side of your workshop. Where the dirty items enter on 1 side, they can be placed there in the washer and connected to the high-pressure system. After placing, the dirty side of the washing machine is closed and the washing cycle can be started. After going through the washing cycle, the door on clean side is opened to take out the clean items. This prevents contamination after cleaning and ensures a safe and clean working environment in the workshop on the clean side of the washing machine.

In addition, helmets or masks can also be washed in this machine. Helmets can be placed individually on the pull-out frame. For masks you can use the 12-pins mask frame (AW6HPM) can be used.

Description

In the **wash section** the products are sprayed on all sides with a large quantity of water from a moving wash frame. A detergent may be dissolved in this water. The washing water returns to the wash tank by a removable filter. An overflow and supply of clean tap water keep the level in the wash tank constant. The water level in the wash tank is also protected by a low level-cut-out. The water in the wash tank is heated. A digital temperature controller controls the heating system.

The wash section components are:

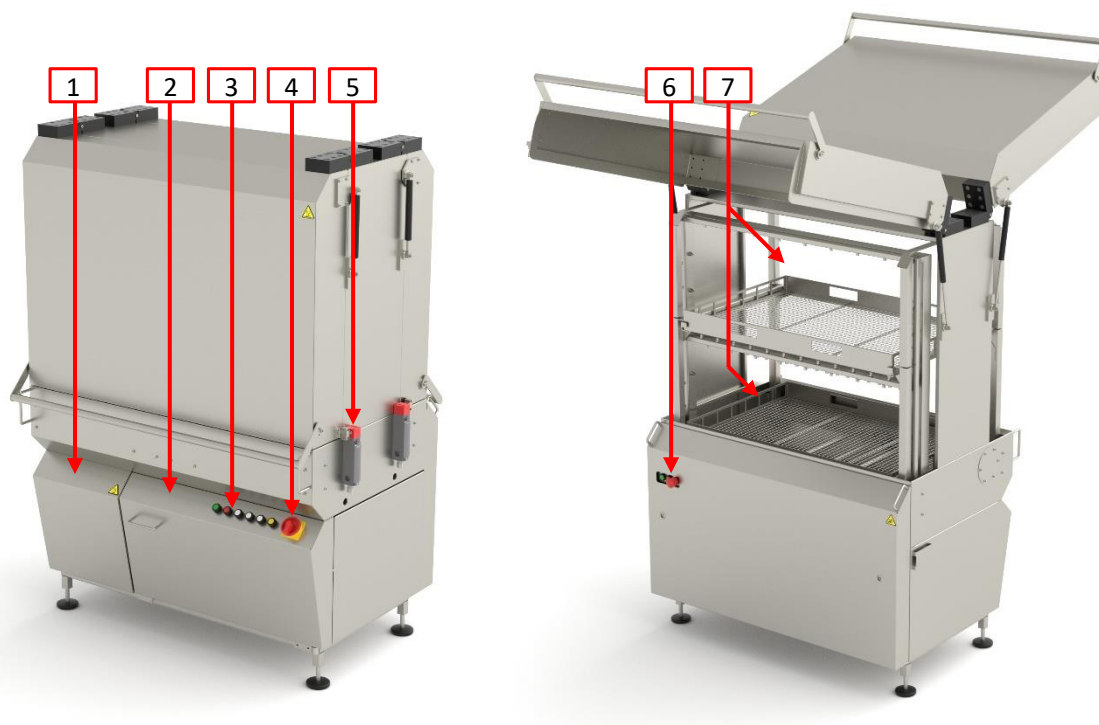
- a centrifugal pump for the main wash
- a level sensor, as low level-cut-out and high and low water control system
- an overflow in the wash tank
- a wash tank, capacity approximately 90 and a rinsing tank approx. 20 litres
- a water discharge pump to drain the wash tank
- a removable filter
- moving wash frame with wash nozzles for the main wash and a second system with stainless steel nozzles for the rinse cycles.

The **rinse section** uses clean tap water. There is a magnetic valve on the rinsing water (tap water) supply pipe to the rinse tank. This will retain the tank level automatically by level switches. The water consumption is approx. 20 litre per wash cycle. The centrifugal rinse pump will pump the water to the stainless steel nozzles inside the moving washing frame. After rinsing the water returns to the water tank via the filter basket in the wash section.

You will find the **motor compartment** on the backside of the machine. The control panel is on the front side of the machine. A water filter is in the water pipe, just in front of the magnetic valves.

This machine has a main circuit breaker, with which you can stop the machine immediately in the event of an emergency or a fault. It is a red/yellow switch. You will find it at the control panel of the machine.

Diagrammatic view of the Wash6HP BARRIER:



Item	Description
1	Main washtank
2	Motor + wash tank compartment
3	Control panel
4	Main switch
5	Security switches cabinet doors
6	Control panel clean side
7	Washing area

Specifications

Dimensions	height x width x depth in mm
External	1700 x 1200x 700
Internal	840 x 1070 x 620
Weight	300 kg
External	grinded stainless steel type 304
Internal	stainless steel type 304
Doors	2 piece, vertical closing (front loader), with 2 handles and Security stop
Adjustable legs	4 pieces
Control	Siemens PLC
Wash pump power	3,0 kW
Wash pump capacity	850 liter/ per min. at 1,2 bar
Wash tank capacity	90 liter
Heating	9 kW
Three wash cycle times	5, 10 and 22 minutes
Wash temperature	adjustable to 55°C.
Wash system	moving wash frame with stainless steel nozzles on 4 sides
Cleansing dosage	automatic, adjustable
Power rinse pump	370 Watt
Rinse pump capacity	10 liter per min. at 2,5 bar
Rinse tank capacity	20 liter
Heating	9 kW
Rinse time	adjustable (by factory)
Rinse water temperature	max. 55°C.
Rinse system	moving rinse frame with stainless steel nozzles on 4 sides
Neutralization dose	automatic, adjustable
Drain pump	80 Watt



Connections

Voltage	5-pole CEE-plug, 400 Volt AC, 3 phases, N + PE, 50-60 Hz.
Power	19 kW, fused at 3 x 32 Ampère
Cable connection	5 x 6 mm ²
Water supply connection	G ¾" max. 50°C.
Water hardness	2 till 4° dH
Required water pressure	2 – 3 Bar
Water consumption by rinse	6,6 liter per 15 seconds rinse*
Water drain	Ø 50 mm
Maximum height drain hose	200 mm without syphon
Noise volume	70 dB(A)
High pressure system:	60 Bar

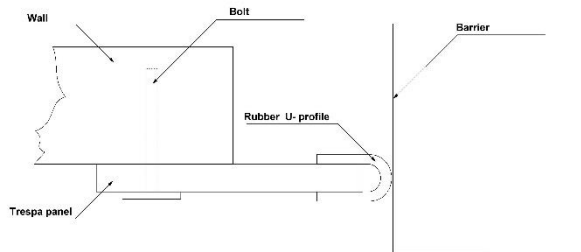
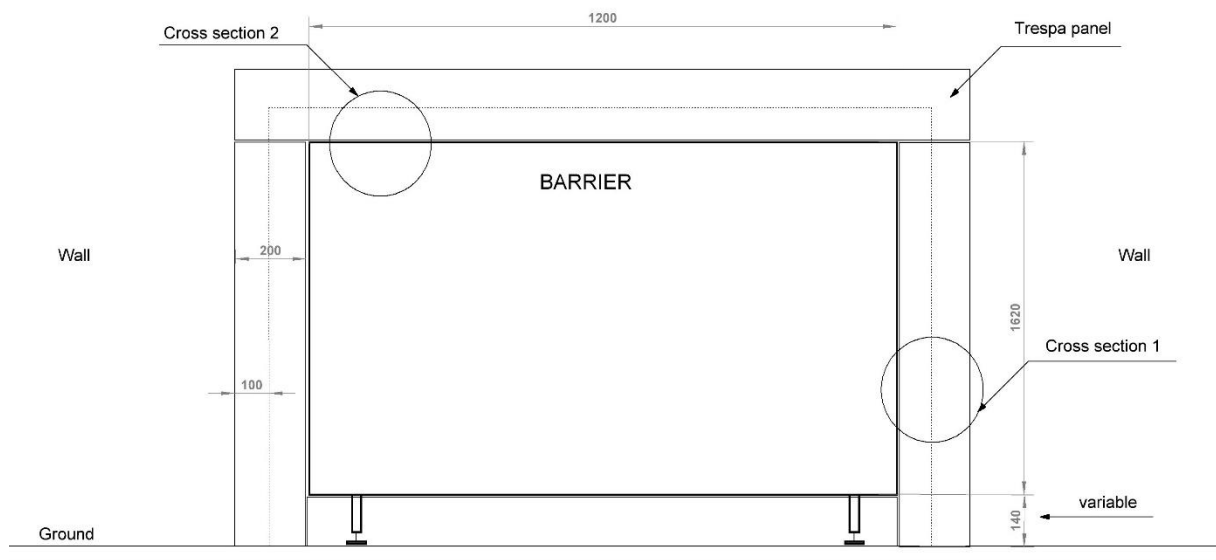
Delivery terms

Time of delivery	on stock
Terms of delivery	ex-factory Zeewolde, The Netherlands
Guarantee	12 months, wear and tear parts are excluded from guarantee

In-wall installation

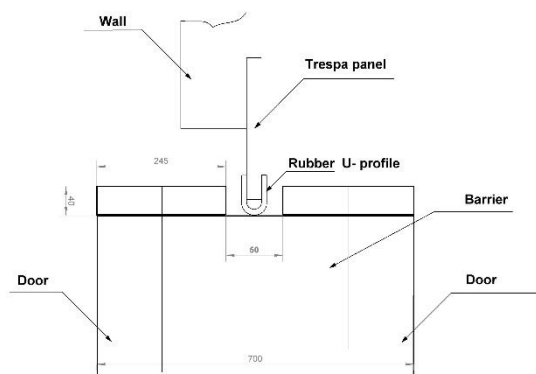
The Wash 6HP BARRIER is designed for placement in a wall opening. The wall creates the separation between clean and dirty space. For the connection from wall to washer, we provide the required Trespa strips.

Front view



Topview

Side view



Sideview

HARSTRA

Optional Accessories

- AW6HPM: Stainless steel frame in Wash6HP BARRIER for 12 breathing masks

