

FILTERED WASHING STATION

PRECIOUS METAL RECOVERY DURING HAND AND TOOL WASHING

EN Technical datasheet



All-in-one system for recovering precious metals during hand and tool washing.

Principle

Washing station combining a high-quality stainless steel sink and a removable filtration system on casters.

This all-in-one setup ensures systematic recovery of precious metal particles during hand and tool washing.

High-performance filtration (up to 1 μm) secures discharges and maximizes precious metal recovery.

Specifications

Design & Ergonomics

Footprint	Width : 1200mm
	Depth : 600mm
	Height : 1033,5mm
Materials	Sink : High-quality stainless steel Filtration system : Polypropylene
Faucets	1 to 2 faucets
Mobility	Mobile frame on casters Total extraction
Maintenance	Robust cover with handles Quick disassembly

Filtration & Pumping

Pre-filtration	50 μm bag Clogging and overflow detection
High-performance filtration	5 μm and 1 μm cartridges in series Quick opening
Lifting group	Siebec AP18 pump (0.55 kW) Max flowrate : 10 m^3/h Total head : 14 m

Automation & Control

Level management	Automatic High / Low operation Safe operation
Interface	Electrical enclosure Status indicators Green / Red
Technical monitoring	Clogging control pressure gauge

Precious Metal Recovery



The recovery system is specifically calibrated to intercept micro-particles of gold, silver, or platinum from hand and tool washing.

Double high-performance filtration (5 μm then 1 μm) with quick-open feature ensures optimal fine particle recovery and limits material losses.

Control Interface



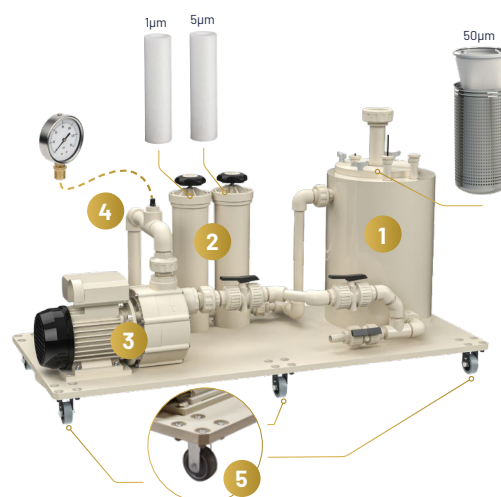
Integrated enclosure managing level automation (High / Low) with immediate visual indicators via Green / Red lights. It provides automatic detection of clogging and overflow, complemented by a precision pressure gauge for safe monitoring of filter status.

Optimized Maintenance



The system is mounted on a mobile frame with casters for complete extraction and easy maintenance. The robust protective cover, equipped with integrated handles, is easily removable to allow quick access to components and clean replacement of consumables.

- 1 Pre-filtration with 50 μm bag
- 2 Fine filtration with 5 μm and 1 μm cartridges in series
- 3 Autonomous system with lifting pump
- 4 Pressure sensor for clog detection
- 5 Mobile frame on casters



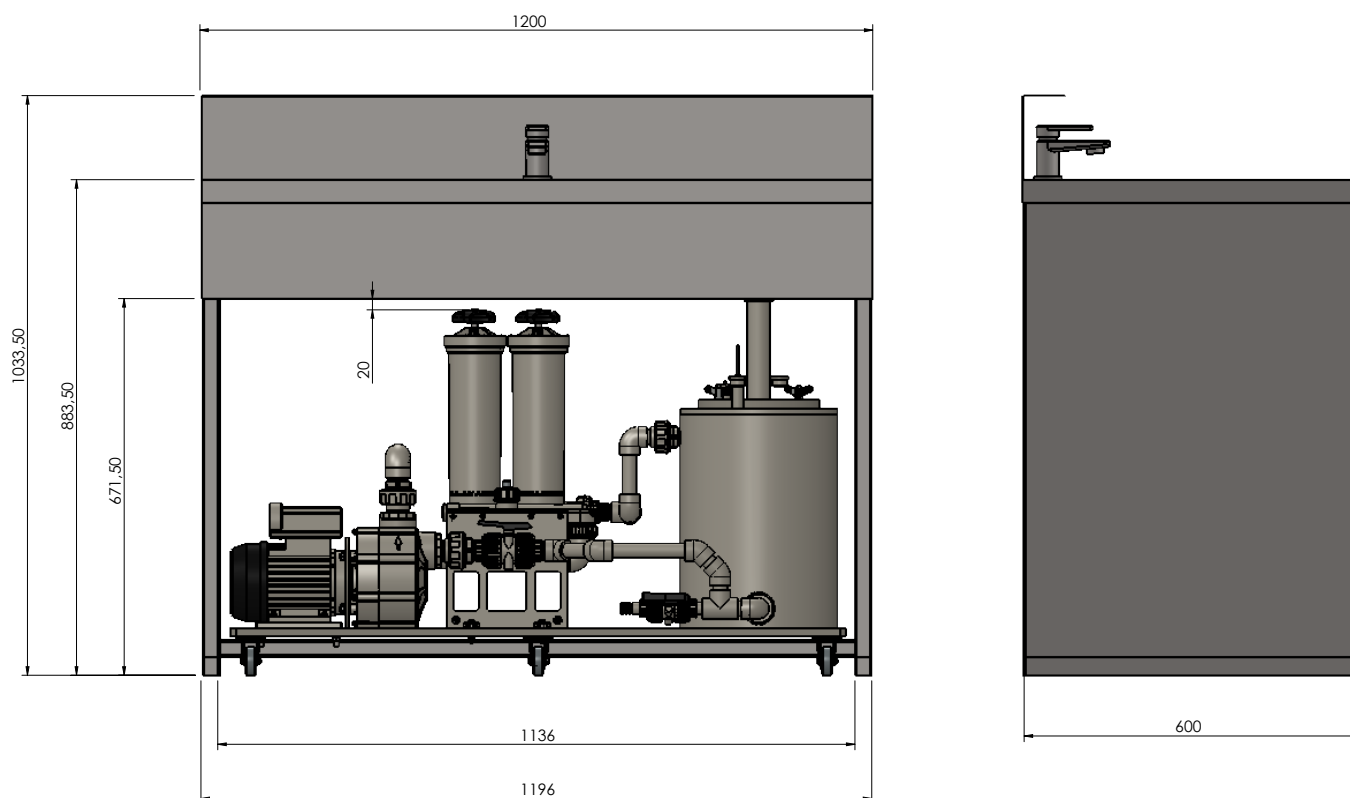
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Dimensions



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We are here to help.
Contact-us!

