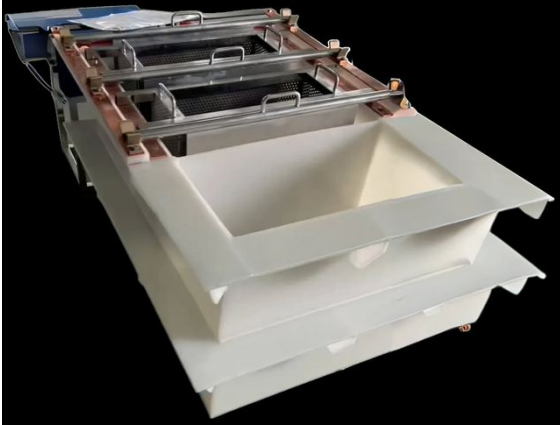


Precious Metal Recovery & Refining Equipment | XHF-DJTYJ

Small Silver Stripping Machine

Electrolytic silver de-plating for a workshop bench, 0.5 to 0.8 tonnes of parts a day.



A 2.5 by 1.1 by 0.9 metre PP tank with four stainless baskets and a 6 kW rectifier, built to pull the silver layer off rejected jewelry, plating racks and electronic parts without attacking the base metal underneath.

The problem it is built for

Manual acid stripping in open beakers is where small workshops lose silver: some of it stays on the rack, some goes down the drain with the rinse, and the operator breathes the rest. This machine turns that into a controlled electrolytic step with the silver ending up somewhere you can weigh it.

Published specification

Parameter	Value
Model	XHF-DJTYJ
Function	Remove silver from metal surfaces
Total dimensions	2.5 x 1.1 x 0.9 m
Tank material	PP (polypropylene)
Crane material	Iron
Basket material	Stainless steel
Basket dimensions	60 x 28 x 60 cm
Basket quantity	4 units
Production capacity	0.5 to 0.8 tons/day
Voltage	380 V
Total power	6 kW

Small Silver Stripping Machine - features and applications

What is built into it

Feature	What it does
Electrolytic stripping, not soak-and-hope	The silver layer is driven off electrochemically, so the stripping stops at the interface instead of eating into the substrate. Base parts come out reusable.
Closed filtration	The tank runs with a closed filtration system, which is what keeps the emissions and the contamination inside the machine rather than in the room.
PP tank, iron crane, steel baskets	Three materials chosen for three different jobs: chemical resistance in the bath, load capacity on the frame, and rigidity in the baskets that get lifted in and out all day.
Four baskets on one crane	60 x 28 x 60 cm each, loaded and lifted as a set, which is how the 0.5 to 0.8 tonne daily figure is actually reached in a single-operator shop.
6 kW on a 380 V supply	Low enough to sit on an existing workshop circuit, high enough to keep the current density stable across four full baskets.

Where it is used

- Jewelry manufacturing: silver coatings removed from defective, old or returned pieces before reprocessing
- Electronics: silver layers recovered from printed circuit boards, connectors and components
- Plating workshops: silver residues stripped from racks, tanks and other plating hardware
- Recycling facilities: scrap metal, silver-bearing material and electroplating waste processed for refining

Questions buyers ask

How much can it actually process in a day?

The published figure is 0.5 to 0.8 tons per day, with four stainless baskets of 60 x 28 x 60 cm on the crane frame. The spread is there because throughput depends on how thick the silver layer is and how tightly the baskets are packed.

Will it damage the base metal?

The process is electrolytic rather than a straight acid soak, which is why the source description stresses complete removal of the silver layer with minimal metal loss. Parts are meant to come out reusable.

What supply does it need?

380 V, 6 kW total. Footprint is 2.5 x 1.1 x 0.9 m.

Is it customisable?

Yes. Customisation of size, capacity and functions is offered across the range; send the part geometry and the daily volume you need to clear.

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