

Gold/Silver Potassium Cyanide Making Machine | 2000 L

Large-Scale Silver Stripping Machine

A 5 metre, six-basket, 2000 litre stripping line for plants that de-plate by the batch.



The industrial version of the same electrolytic process: 5 x 1.6 x 3 m, a 2000 litre PP tank, six stainless baskets of 80 x 20 x 80 cm on an iron overhead crane, and 10 kW at 380 V.

The problem it is built for

Once de-plating stops being an occasional job and becomes a shift, batch size is the constraint. Six large baskets over a 2000 litre bath means a plant can clear a day's rejects in one loading instead of cycling a small tank six times.

Published specification

Parameter	Value
Total dimensions	5 x 1.6 x 3 m
Tank material	PP (polypropylene)
Overhead crane material	Iron
Basket material	Stainless steel
Basket quantity	6 units
Basket size	80 x 20 x 80 cm
Tank capacity	2000 L
Voltage	380 V
Total power	10 kW

Large-Scale Silver Stripping Machine - features and applications

What is built into it

Feature	What it does
Batch throughput instead of cycle time	Six baskets over a 2000 litre bath processes significant volumes of silver-coated material in a single batch, which is where the labour saving against manual stripping comes from.
Controlled electrolytic process	No chemical stripping bath to dispose of. Less reagent consumed, less toxic wastewater discharged, and filtration and neutralisation options available to meet discharge rules.
Clean separation at the interface	Complete removal of the silver layer without damaging the underlying material, which matters when the base part is going straight back into production.
Built for continuous duty	Corrosion-resistant construction throughout, with overload protection and insulation on the electrical side so the machine can be run by operators of different skill levels.
High-purity recovered silver	The silver that comes off is ready for refining or direct reuse, which is the point of doing this in-house rather than selling scrap by weight.

Where it is used

- Jewelry: silver stripped from outdated or damaged rings, necklaces and bracelets so the base material is reusable
- Electronics: silver removed from connectors, printed circuit boards and end-of-life parts
- Plating plants: recovery of silver deposited on racks, fixtures and rejected work
- Metal finishing and recycling operations working at plant rather than bench scale

Questions buyers ask

How does this differ from the small stripping machine?

Same electrolytic principle, different scale. 2000 litres and six 80 x 20 x 80 cm baskets against four 60 x 28 x 60 cm baskets, 10 kW against 6 kW, and a 5 metre footprint against 2.5 metres.

What about the wastewater?

The process is electrolytic rather than chemical, so it consumes far fewer reagents than a chemical stripping bath. Filtration and neutralisation options can be specified to bring discharge in line with local environmental requirements.

Is the recovered silver ready to sell?

It comes off at high purity and is described as ready for refining or direct reuse. If you want it taken to 9999, pair it with the silver electrolysis refining machine.

Can the tank size be changed?

Customisation on size, capacity and function is offered across the range. Tell us the batch weight you need to clear per shift.

Every figure in this document is reproduced from what Shenzhen Xinhongfa publishes for this machine. Where a figure is not published it is left out rather than estimated. Confirm the current revision with your quotation.