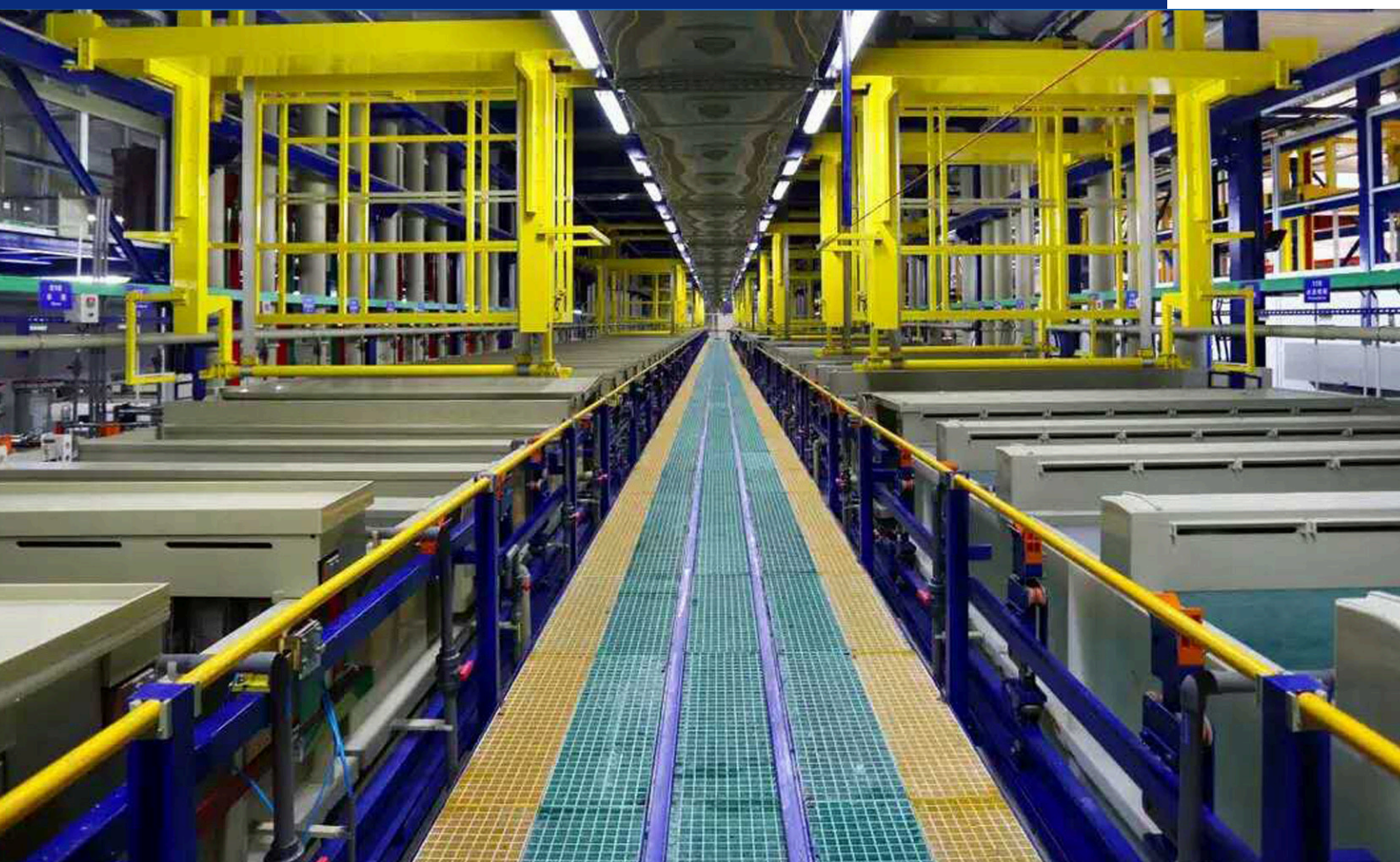




ASIA GREENTECH (MALAYSIA) SDN.BHD

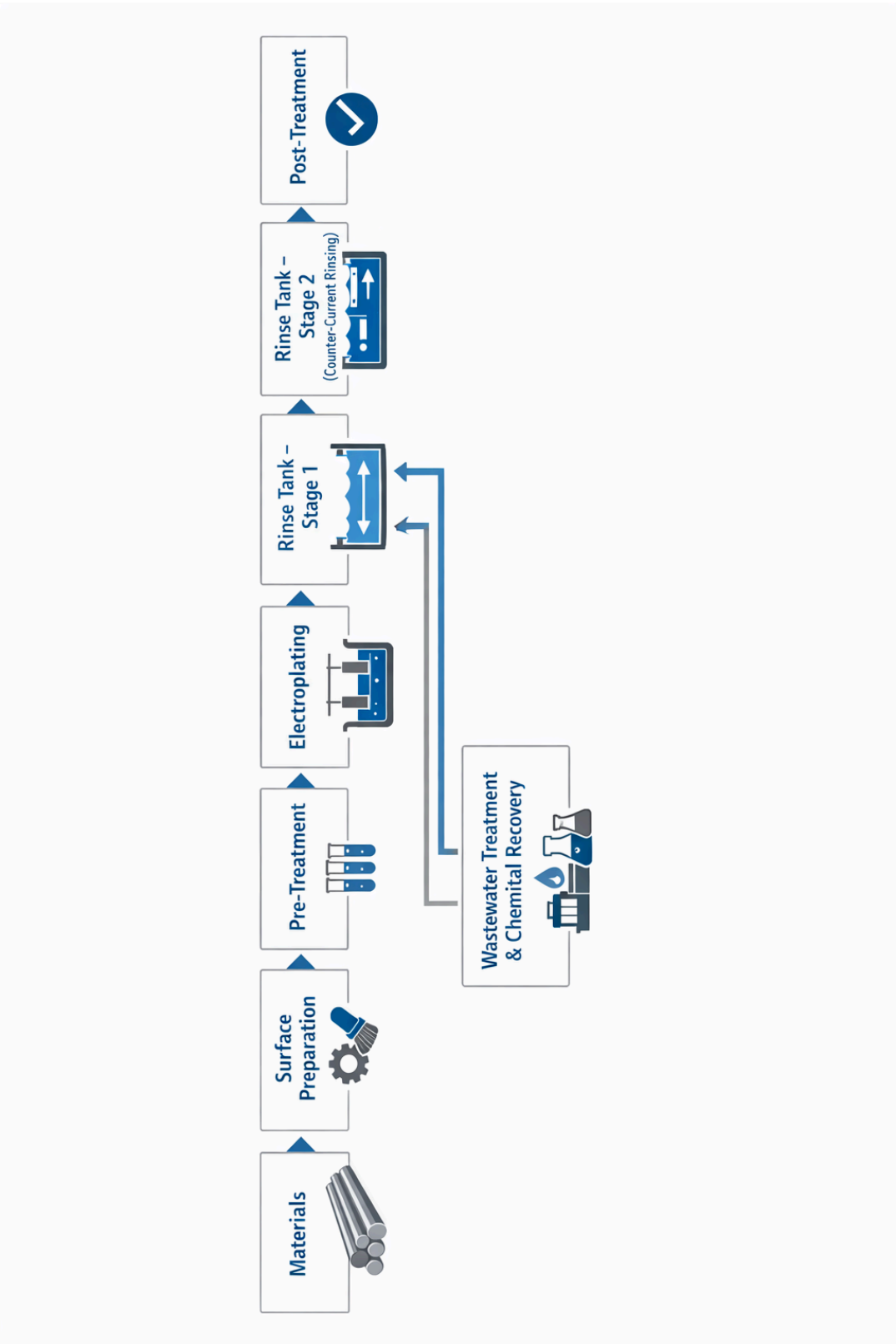
Asia Greentech (Malaysia) Sdn. Bhd. is a specialist supplier to the electroplating and metal surface treatment industry, delivering reliable, efficient, and application-driven equipment solutions for a wide range of industrial sectors.

We design, manufacture, and supply complete electroplating production lines, including pretreatment systems, plating equipment, post-treatment processes, and supporting environmental protection and wastewater treatment solutions. Every system is engineered to ensure consistent coating quality, stable operation, and long-term performance.

Asia Greentech provides end-to-end project support, from process and equipment design through fabrication, system integration, installation, and commissioning. By delivering fully integrated, turnkey solutions, we help our customers enhance productivity, maintain process control, and comply with environmental and operational standards.



Electroplating Plant Process



Gantry Electroplating

Gantry Electroplating uses an automated, crane-like gantry system to move barrels or racks of small parts through sequential chemical baths (cleaning, rinsing, plating, passivation) for uniform, high-throughput metal coating (like zinc, nickel, chrome)



Gantry Electroplating Features:

- Flexible process sequences
- Easy maintenance and expansion
- High plating quality and control
- Can handle heavy loads
- Medium to large parts
- Custom rack designs for diverse geometries



Barrel Electroplating



Barrel Electroplating involves tumbling products in a rotating, non-conductive barrel within a plating solution, where electricity (via internal contacts/danglers) deposits metal for uniform coverage, ideal for fasteners or stampings needing corrosion/wear protection.

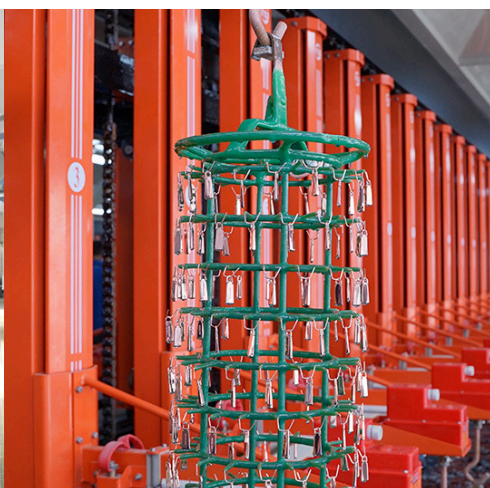


- Very high throughput
- Lowest cost per part
- Excellent for mass production
- Minimal labor
- For small, loose parts
- High-volume bulk production
- For parts that don't require cosmetic finish



Annular Electroplating

Annular electroplating system is an automated systems (**vertical lift**, **barrel**, **rack**) for uniform coating on ring/tube shapes, focusing on precise part handling (**carriers**, **racks**), pre-treatment (cleaning, etching), the core plating cell with optimized anodes/cathodes for the annulus, power control, and post-treatment (rinsing, drying), all managed by PLC for consistent quality in industries like aerospace, defense, and electronics.

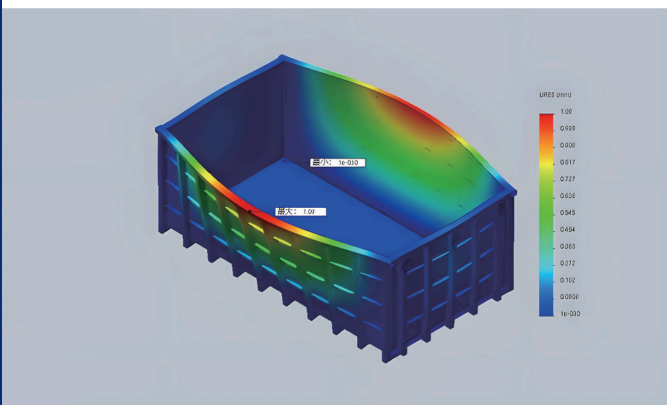


- Very high productivity
- Compact footprint
- Smooth material flow
- Lower handling time per part
- High-volume, repetitive production
- Small to medium parts
- Standardized processes

Process Tank

Our electroplating process tanks are manufactured using industry-proven materials including PP (Polypropylene), PVC, FRP, and carbon steel with corrosion-resistant linings, selected to match specific chemical, temperature, and process requirements.

Custom-designed to suit each specific electroplating application, our process tanks are engineered to deliver long service life, operational safety, and stable performance. Complete tank systems are available for degreasing, pickling, rinsing, plating support processes, cooling, and passivation, ensuring a fully integrated and efficient production flow.



Acid Fume Extraction System

Our electroplating lines are equipped with high-efficiency air pollution control systems designed to effectively capture and treat acid mist and process fumes, ensuring a safe working environment and regulatory compliance.



Fume Scrubber System



- Vertical and horizontal scrubber designs to suit different plant layouts
- Efficient acid mist and fume capture at source
- Multi-stage spray and neutralization process for reliable purification
- Corrosion-resistant construction for long service life
- Improved workplace safety and cleaner emissions
- Designed to meet local and international emission standards

Wastewater System

Integrated Treatment Processes

- Coagulation & Flocculation for effective removal of suspended solids and contaminants
- Chemical Precipitation to convert dissolved pollutants into removable solids
- Solid-Liquid Separation for consistently clarified effluent
- Sludge Dewatering using high-efficiency filter press systems (15–60 m² available)



www.asia-greentech.com

Key Benefits

- Reduced chemical consumption and lower overall operating costs
- Compact, efficient, and easy-to-maintain system design
- Supports water reuse or compliant discharge
- Environmentally responsible operation aligned with sustainability goals

Auxiliary Equipment

- Customised Jig (Racking)
- Barrel Drums
- Electric Hoist
- Pumps
- Customised Tanks
- Filter Machine
- Rectifier
- FRP Flooring Sheet
- Filter Catridge
- Ultrasonic Cleaner

OUR PRODUCTS





ASIA GREENTECH (MALAYSIA) SDN BHD

202501023221 (1624634-M)

No. 83 (First Floor), Jalan Pusat Perniagaan Raja Uda 2
Pusat Perniagaan Raja Uda, 12300 Butterworth, Pulau Pinang

www.asia-greentech.com
sales@asia-greentech.com