



AN  COMPANY

Corporate Overview 2024

About GPS

Our products and services

1. **We sell** new alloy process equipment, including reactors, heat exchangers, tanks, filters, dryers, mixers and centrifuges. Our parent company, International Process Plants, has a 46-year track record as experts in the second-hand equipment market.
2. **We primarily serve** the chemical, pharmaceutical, oil and gas, fertilizer and power generation industries.
3. **We focus** on providing customers with the equipment they need when they need it -- especially harder-to-find process equipment. We offer both standard and custom-built solutions, with lead times ranging from zero to 28 weeks.

Why GPS?

Our value propositions

1. **We save you significant time and money** on your equipment procurement without sacrificing quality. We can provide immediate solutions from inventory, which includes new reactors, exchangers and other equipment.
2. **We also are a custom solutions provider. We fabricate** ASME, National Board, CRN, and/or PED standard equipment built to order. We are proud to deliver world-class quality at competitive costs.
3. **We ship with industry-leading delivery times.** Whether from our stock of standard equipment or a custom designed solution, quality is our passion and delivery speed is our signature.

Why GPS?

Our value proposition is simple:
We deliver high-quality process equipment with industry-leading delivery times at competitive costs.



"Instead of building only to order, we build equipment every day for our inventory to offer reduced or no lead time on commonly used process equipment. This structure, along with maintaining fabrication material inventories, allows us to insert your custom process equipment orders to the front of our production queue. We are proud to maintain an average custom fabrication lead time of 12-18 weeks from receipt of order."

– Ross Gale, President, Gale Process Solutions

Industries Served



TEXTILE
CHEMICAL



POLYMER



PHARMACEUTICAL



FOOD COLOR



SPECIALITY
CHEMICAL



RUBBER ADHESIVE
& BINDER



WINERY & DAIRY



CONSTRUCTION
CHEMICAL



DYE & PIGMENT



AROMATIC
CHEMICAL



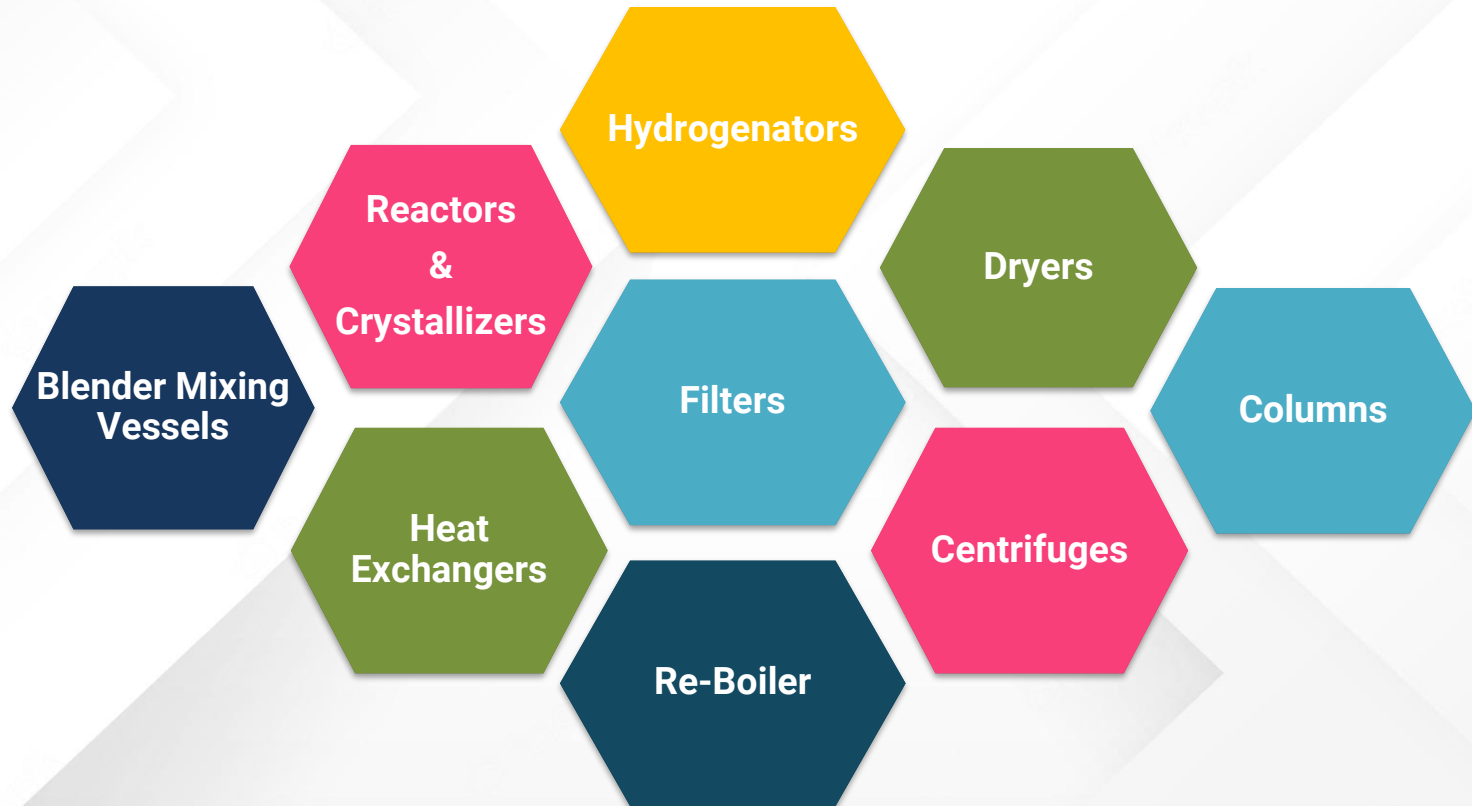
OIL &
PETROCHEMICAL



RESIN
& PAINT

Primary Equipment Types

We specialize in pressure vessels and downstream process equipment



Equipment Fabrication

Our Materials of Construction & Fabrication Size Guidelines

Materials of Construction

- Stainless Steels (304/L, 316/L, 321)
- Duplex
- Super Duplex
- Nickel Alloys
(Hastelloys, Inconel, Monel, Alloy 20)
- Titanium
- Tantalum
- Carbon Steel
- Cladded Materials

Fabrication Sizes

- Reactors: 100KL ~ 25,000 gallons
- Hydrogenation: 20KL ~ 5000 gallons
- High Pressure Reactors ~ 15,000 gallons
- Crystallizer: 20KL ~ 5000 gallons
- Heat Exchangers: 1900m² ~ 20,000 ft²
- Re-Boilers: 100KL ~ 25,000 gallons
- Centrifuge: 1900mm ~ 72" diameter
- Columns 15m ~ 50 ft length
- Max Diameter for fabrication: 4.6m ~ 15ft
- Max Length: 11m ~ 36 ft (other than columns)
- Max Weight: 60 Metric Tons

Certifications & Standards



9001, 14001, 45001



**Equipment manufactured as per ASME, TEMA, API, DIN, IS standards and cGMP
in compliance with USFDA, EMA, UKMCA, and TGA**

Stocked Equipment

GPS keeps a constant inventory of 2000-, 4000-, and 6000-gallon 316L Stainless Steel reactors with the following specifications for immediate delivery:



Design Standard: ASME Section VIII Div. 1

Stamping: "U" Stamp

Internal Pressure: 145 psi/FV

Internal Temperature: 302 °F

Jacket Pressure: 145 psi

Jacket Temperature: 302 °F

Jacket Type: Half Pipe Coil 304SS

Internal Finish: Ra12 Electropolished

Impeller Type: 4-Blade PBT

Agitation Seal Type: Double Mechanical

Drive Make: SEW Nord

Sanitary Construction: Yes

cGMP Design: Yes

Fabrication Capabilities



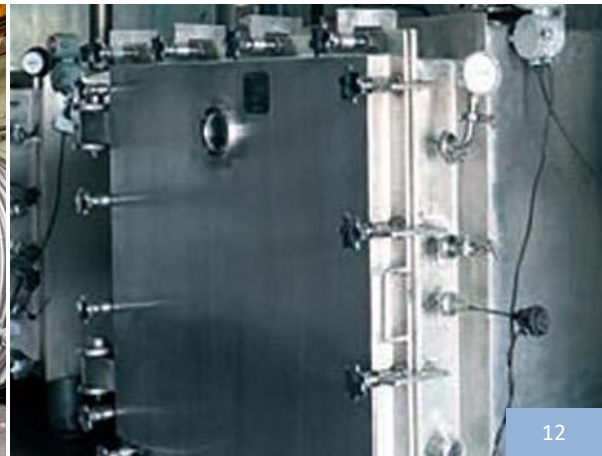
- Dished-end/head spinning machines to ensure precise knuckle forming of dished-ends up to 16' (5m) dia. w/near zero ovality.
- Hydraulic Presses-250/500 ton capacity for dished end and cone forming up to 1.57" (40 mm) thick x 13'8" (4200 mm) diameter.
- Automatic plate rolling machines capable of rolling plates up to 1 3/16" (30 mm) thick
- Long bed precision lathes 20' (6000 mm) & 14'8" (4500) mm for agitator shaft
- High-center lathes - machining up to 7'6" (2300 mm) diameter. Heat exchanger tube-sheets, flanges, drive pedestals, centrifuge baskets. Gap machining of up to 6.5' (2000 mm) for tube-sheets and main body flanges etc.
- Various precision lathes for all drive unit and other equipment components.

Fabrication Capabilities



- HMT Radial Drill – Heavy Duty
- Milling & Shaping Machines
- Balancing Machine – 3 ton capacity for balancing of high/low RPM agitators up to 19'6" (6000 mm) long having agitator sweep p to 7'4" (2200 mm) diameter and centrifuge baskets up to 6' (1800 mm) diameter.
- Section bending machine - provides flexibility in forming the spiral half-pipe coil jacket for fitting on bottom dishes. Forms sections: flats, bars, angles, channels, beams, square & rectangular pipes.
- Half-Pipe Coil forming machine for making Joint Free Jacket Coils of maximum length for longevity/durability.

Recent Fabrications





Thank you.
We hope to see
you soon.

World Headquarters:

410 Princeton Hightstown Road
Princeton Junction, NJ 08550 USA

+1 609 586 8004

www.galeprocesssolutions.com

info@galeprocesssolutions.com

