LabhGroup
Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Chemical Processing Industries!

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Presenting

Chemical Pressure Vessel

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Pressure Vessel For Chemical Plant



Vertical Pressure Vessel



Horizontal Pressure Vessel

Chemical Processing Machines Divison

Global Leader in Next Generation Chemical Processing Plant & Machinery

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | GMP Quality | Executive Member FIEO Federation of Indian Export Organizations

Technical Specifications

Particulars	Specifications
Name	Chemical Pressure Vessel
Function	To hold chemical substances under high-pressure conditions
Capacity	1500 to 30,000 litres (Customizable)
Diameter	Up to 3 meters
Shell & Dished End Thickness	Up to 32 mm
Weight	Up to 20 tons
Length	Up to 30 Meters
Standard Design Pressure	140 psig (9.5 kg/cm2g)
Hydro Test Pressure	210 psig (15.0 kg/cm2g)
Vessel Shape	Horizontal & Vertical
Design Code	IS 2825, ASME Sec VIII Div. I, PD 5500, PED 97/23/EC, AD 2000-Merkblatt, EN 13445, PESO SMPV Rules 1981, API 650 or equivalent
Vessel Material Option 1	Carbon Steel (IS 2002, A 285 C, SA 516 grade 60/70, SA 537)

Vessel Material Option 2	Stainless Steel (SS 304, 304L, 309, 309S, SS 310, SS 316, 316L)
Application 1	Chemical industry
Application 2	Pharmaceutical industry
Application 3	Fertilizer & pesticide industry
Application 4	Food processing industry
Application 5	Refinery, petrochemical & natural gas processing industry
Warranty	1 +1 year extended warranty
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)
Note	Exact specifications may vary and shall be made available upon specific request.

Salient Features

- Designed to withstand high-pressure conditions depends on the specific application and the requirements of the chemical process involved
- Constructed using stainless steel & carbon steel materials that provide high strength, corrosion resistance, and pressure containment
- Built in accordance with industry standards and codes, ensures the vessels meet safety, design, and fabrication requirements
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

Our Range of Chemical Processing Machines

- Chemical Reactor
- Pressure Vessels
- Steel Pressure Vessel for chemical industry
- Adhesives Glue Making Plant & Machines
- Paint Varnish Making Machine & Production Line
- H_2SO_4 Acid Plant - Manufacturing Plant
- Stabilized Bleaching Powder Production Plant
- Sodium Hypochlorite Plant - Manufacturing Machine
- Calcium Carbonate Production Plant
- Alkyd Resin Manufacturing Plant & Machines
- Polyester Resin Production Plant Machinery
- Epoxy Resin Making Plant & Machine
- Acrylic Resin Production Plant
- Phenol Formaldehyde (PF) Resin Plant
- PVA Emulsion Manufacturing Plant

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

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