VINI HYDRAULICS

ENGINEERING EXCELLENCE

PRODUCT BROCHURE

HYDRAULIC SOLUTIONS, ENGINEERED AROUND YOUR APPLICATION.



CYLINDERS / POWER PACKS / HYDRAULIC COMPONENTS / HYDRAULIC SPMS

The hydraulics vertical of Shree Sponge Steel & Casting Ltd. · Engineering heritage since 1991 · Vadodara · Mumbai

OUR COMPANY

ENGINEERING HERITAGE. HYDRAULIC SOLUTIONS.

VINI Hydraulics is the hydraulics vertical of Shree Sponge Steel & Casting Ltd. Our journey has grown from an engineering foundation into machinery manufacturing and special-purpose hydraulic machinery for the steel industry.

We began by making hydraulic cylinders and power packs for our own machines and for OEMs. That experience shaped a focused business serving customers with standard and customised hydraulic products, components and systems.


सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL & MEDIUM ENTERPRISES

CERTIFICATE

ZED SILVER

under MSME Sustainable (ZED) Certification Scheme awarded to

SHREE SPONGE STEEL & CASTING LIMITED
ENTERPRISE NAME

Flat No:- 6/1/1, Building:- GIDC Por-Ramangamdi, Road/Street:- GIDC Por-Ramangamdi, Village/Town:- Por-Ramangamdi, Block:- GIDC, City:- Vadodara, VADODARA, GUJARAT-391243
UNIT ADDRESS

28-Manufacture of machinery and equipment n.e.c.
CODE (AS PER NIC-2008)

UDYAM-GJ-24-0002842
UDYAM REGISTRATION NUMBER

ANIS INSPECTION INDIA LLP
ASSESSMENT AGENCY

Issued on : November 16, 2026

Certificate Validity : Three years from the date of issue

Certificate No. 16112026_970817

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level.
Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.

OUR JOURNEY

1991
ENGINEERING FOUNDATIONS
Shree Sponge Steel & Casting Ltd. established as an engineering company.

2010
MACHINERY MANUFACTURING
Expansion into industrial machinery and practical equipment experience.

2021
HYDRAULIC SPMS
Special-purpose hydraulic machinery for the steel industry.

2022
VINI HYDRAULICS
Cylinders and power packs for reputed OEMs.

WHAT WE DO

ONE SOURCE FOR YOUR HYDRAULICS

01 HYDRAULIC CYLINDERS
Standard and application-specific cylinders, including custom dimensions and mountings.

02 POWER PACKS
Electric motor and diesel engine-driven units configured to pressure, flow and duty.

03 HYDRAULIC COMPONENTS
Custom manifold blocks and multipassage rotary joints.

04 SPECIAL-PURPOSE MACHINERY
Scrap pushers, charging trolleys and orange peel grabs for the steel industry. Hydraulic SPMs as per customer requirements.

ZED SILVER
MSME SUSTAINABLE (ZED) CERTIFICATION

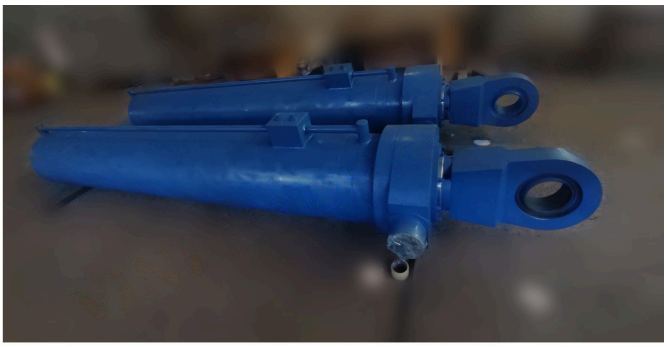
MAKE IN INDIA

Shree Sponge Steel & Casting Ltd.
Mfg. of: Hydraulic Cylinders, Power Packs & Hydraulic SPMs

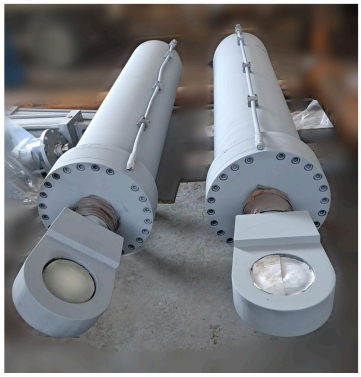
PRODUCT RANGE 01

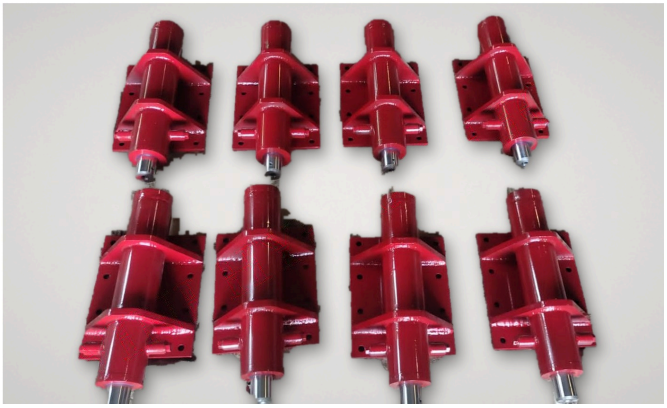
HYDRAULIC CYLINDERS











800 mm
MAX. BORE

6,000 mm
MAX. STROKE

400 bar
WORKING PRESSURE

Maximum capabilities depend on the application and configuration.

TYPES

- Single acting
- Double acting
- Multi-stage telescopic
- Variable cushioning (optional)
- Pressure measurement (optional)

CONSTRUCTION

- Tie-rod
- Welded
- Threaded
- Heavy-duty bolted

MOUNTINGS

- Front / rear flange
- Clevis, male or female
- Front, rear or intermediate trunnion
- Side or end foot

OUR SPECIALITY

FULLY CUSTOM CYLINDERS

Custom cylinders with custom mounting solutions are our speciality. Share your bore, stroke, pressure and mounting needs and we engineer the cylinder around your machine.

Also available: repair, rod change and bore honing for cylinders of any make and design, with repair in 3–4 working days.

PRODUCT RANGE 02

HYDRAULIC POWER PACKS





ELECTRIC POWER PACKS

DESIGNED AND BUILT IN-HOUSE

Designed, manufactured and assembled in-house with standard components from leading brands, including complete circuit design when required.

150 HP
MAX. POWER

600
MAX. LPM FLOW

3,000 L
MAX. CAPACITY

700 bar
MAX. PRESSURE

Maximum capabilities depend on the application and configuration.

DIESEL ENGINE DRIVEN POWER PACKS / APUS

POWER WHERE THERE IS NO GRID

Engine-driven auxiliary power units for mobile use, remote sites, ports, ships and marine applications.

- Yanmar, Rehlko (Kohler) and TMTL (Eicher) engines
- 7 kW, 35 kW, 26 HP and 23 HP units
- Multiple stations
- Hydraulic monoblocks or PVG valves
- Electrical or manual control panel

BUILT AROUND YOUR DUTY

SIZED TO YOUR LOAD AND CYCLE

We study the load, pressure, duty and operating conditions before we size a power pack, then assemble and test it in our own facility.



PRODUCT RANGE 03

HYDRAULIC COMPONENTS

MANIFOLD BLOCKS

COMPACT, CUSTOM-MACHINED CIRCUITS

Custom manifold blocks for cartridge, modular and solenoid valves, engineered around your circuit and machined in our own facility. Every block is inspected and tested in-house before dispatch.



SG Iron **Steel** **Aluminium**

Materials: SG iron, mild / carbon steel, aluminium alloy

- Software-enabled manifold block design
- Cartridge, modular and solenoid valve provisions
- Inspection and testing before dispatch



ROTARY JOINTS

OIL TRANSFER TO ROTATING PARTS

Rotary joints carry hydraulic oil from fixed pipework into rotating machine parts, built to the passages, pressure and speed your application needs.

- Single passage
- Multipassage
- High-speed (bearing type)
- Custom designs

Send us your circuit diagram or port layout, and we will quote the block or joint built to it.

PRODUCT RANGE 04

SPECIAL-PURPOSE MACHINERY





HYDRAULIC SCRAP PUSHER

INCREASE FURNACE MELTING EFFICIENCY.

For furnaces from 6 MT to 45 MT crucible, with remote operation and X, Y and Z-axis movements. Handles scrap on furnace platforms and packs it more densely inside the furnace.

10–15%
MORE OUTPUT

30–50
UNITS/T SAVED

Crew requirement at least halved.





SCRAP CHARGING TROLLEY

MECHANISED FURNACE CHARGING

Designed around furnace and plant layout. Replaceable abrasion-resistant liners, high tilt angle and stable compact design support scrap transfer to the furnace from one bay to the other. Installed in India and Africa, with replaceable abrasion-resistant liners and a high tilt angle. For brownfield and greenfield projects.

ORANGE PEEL GRABS

HYDRAULIC SCRAP & WASTE HANDLING

Hydraulic grabs in 1 m^3 and 2 m^3 sizes for scrap and bulk handling.

SPECIAL PURPOSE MACHINERY

CUSTOM MACHINERY FOR YOUR PROJECT OR PLANT

Our highly skilled team can take care of custom machinery requirements that you may have for your projects or plant needs. We can integrate mechanical design, hydraulics and E&I in our systems and deliver a complete product suited to your needs.

Kindly get in touch to discuss this further.

WORKING WITH US

FROM REQUIREMENT TO DELIVERY

1
UNDERSTAND
Load, pressure, stroke, speed, application, mounting and environment.

2
DESIGN
In-house 3D and circuit design.

3
MACHINE
Components machined in our own facility.

4
ASSEMBLE
Fabrication and assembly under one roof.

5
TEST & DELIVER
Tested before dispatch. Ultra-fast delivery.

WHERE OUR PRODUCTS WORK

INDUSTRIES WE SERVE

- Construction
- Mining
- Earth moving
- Truck hydraulics
- Steel & aluminium
- Textile & paper mills
- Defence sector
- Ceramics
- Plastics
- Material handling
- Agriculture & forestry
- Aerial work platforms
- Presses
- Pharmaceutical & chemical
- Elevators & lifts
- Special purpose machines

SERVICE & REPAIR

KEEP YOUR EQUIPMENT RUNNING

Cylinder repair
3–4 working days, rod change, bore honing, any make.

Power pack servicing
Overhaul, component repair and equivalent replacements.

Seals & spares
Branded Moulded seals, Custom CNC turned seals.

HOW TO BRIEF US

TELL US ABOUT YOUR APPLICATION

Share the **load or tonnage, working pressure, stroke alongwith no of cylinders, cycle time, mounting arrangement for cylinder design and operating environment**, with a **Circuit drawing or GA drawing** if you have one. Else we will design the same for you.

Our team will review your requirement, confirm the configuration and **reply with a quotation**. Standard sizes and fully customised designs are both welcome.

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ENGINEERING EXCELLENCE

LET US TALK

TELL US YOUR REQUIREMENT.

SCAN TO VISIT

www.vinihydraulics.com

Product details, datasheets, articles
and our enquiry form.

REGD. OFFICE & FACTORY

6/1/1, GIDC Estate, POR-391243,
Dist. Vadodara, Gujarat, India

MUMBAI SALES & SERVICE

405, Express Chambers, MV Road,
Opp. Rustomjee Natraj, off Western Express Highway,
Andheri East, Mumbai 400069

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sales@vinihydraulics.com

Shree Sponge Steel & Casting Ltd.
Mfg. of: Hydraulic Cylinders, Power Packs & Hydraulic SPMs

MAKE IN INDIA

ZED SILVER
ENGINEERING HERITAGE SINCE 1991