

We control the uncontrollable



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*10,500mm Hydraulic Cylinders for Radial Gate.
Total 24 nos. Bansujara Project, M.P.*

Customised:

Hydraulic Power Packs, Hydraulic Cylinders, Hydraulic Test Rigs, Hydraulic Hoist for Hydro Power & Dam gates, Hydraulic Hoists for Offshore drill floor manipulation arms.

Applications:

Hydraulic Cylinders for: Pipe Laying Vessels, Split Hopper Barges, Dredgers, Training Section Hopper Dredgers, Crane Cylinders, Jack Cylinders, Double-acting Telescopic Cylinders, Ceramic Coated Cylinders, Stainless Steel Cylinders, Oil and Water Rigs etc.



*Cylinder for Mintudu Leska Dam Project, Meghalaya
125 tonne x 9550mm stroke*

COMPANY PROFILE

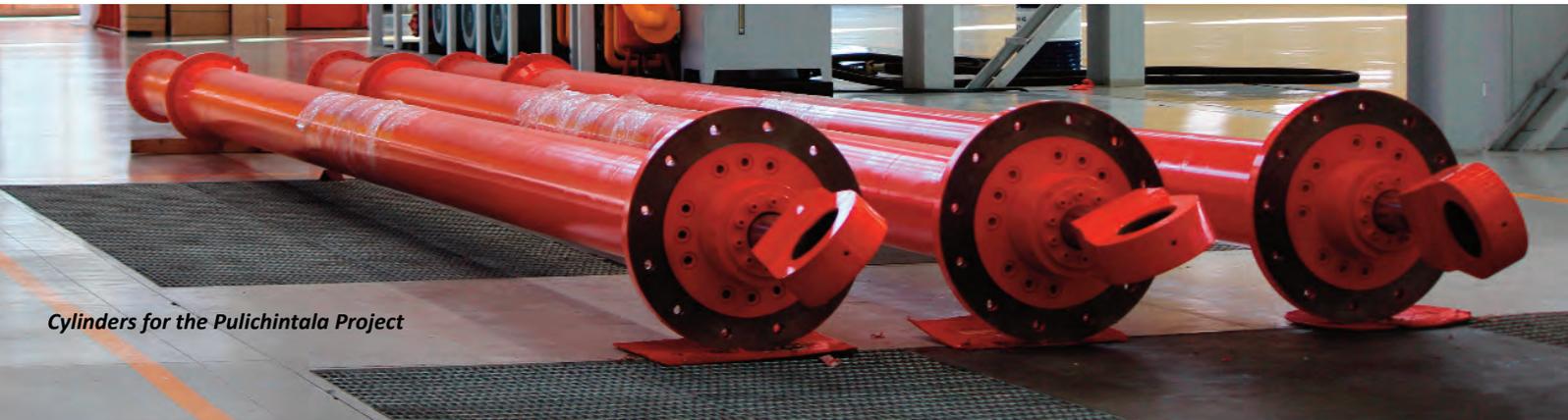
Suvera Fluid Power Private Limited is a dynamic and innovative company dealing in top-of-the-line fluid power systems, with its roots in Hyderabad, India, and having extremely satisfied clients all over the world. At the heart of our operations is a team of dedicated engineers, which is passionate about its craft and involved in every step of engineering, to apply innovative engineering to solve the toughest of problems for our clients. This no-nonsense attitude, along with a history of high on-time completion, competitive cost structure, and 100% customer satisfaction, has contributed to making us a preferred and trust-worthy partner in many high-profile projects.

Capability:

We have over three decades of proven experience in the field of fluid engineering, having designed, manufactured and supplied Hydraulic cylinders, Hydraulic systems, Hydraulic equipment and Hydraulic hoists for dam gates/ hydro power projects to some of the well-known companies in the spheres of Industrial, material handling and marine applications.

Our area of thrust over the past few years has been Hydraulic hoists for dam gate/ hydro power projects, where we've been innovating and making inroads with customized solutions to so many customers, that in industry circles, we're being called Hydraulic Cylinder specialists. Apart from this, we also design and manufacture complete solutions for Material Handling equipment like Crushers, Boom Luffing Bucket Wheelers, Dredgers, Aluminum Extrusion Machines & Plants, Automatic Cotton Bailing Press, Scrap Bailing Press and Spiral Duct machines.

Having reached the pinnacle of the business for Hydraulic hoists for dam gates and Hydro Power projects, we're now shifting our focus onto various areas related to marine and off shore applications - an area in which we originally started business. Our Hydraulic Cylinders and Power Packs are fully capable of being used for Winches,



Cylinders for the Pulichintala Project



**SUNNEN HTH-3000S
CNC Honing machine**

Marine Piling Structures, Operating Doors of Hopper, Split, Jack-up Barges and other applications. So exacting are our standards and top-of-the-line quality, that our products stand the test of both, time and the extreme adverse weather and even underwater conditions.

Range:

We manufacture a wide range of products, from simple power packs to complex Test rigs, Presses and Cylinders to conform to stringent tolerances. Cylinders, both single and double action with pressure levels varying from 100 bar to 450 bar and bores from 25mm to 1000mm are manufactured using high strength St52/ Cold drawn seamless steel tubes, stainless steel piston rods with ceramic coating, with the maximum stroke length of 20 meters.



Our Power packs are made using international branded hydraulic components and standard fittings, the products are treated for corrosion protection with phosphate, enamel painting, powder coating, polyurethane painting etc., in strict accordance with specifications to enhance product durability and finish.

The company strives to minimize manufacturing time and cost through standardized designs, innovative solutions, effective management techniques and improved manufacturing facilities such as Horizontal Honing machines with latest technologies like servo expansion and servo controlled reciprocation, which ensure excellent surface finish. The full range of products and detailed description can be found in separate sheets attached to this profile.

Applications:

Our Hydraulic Power Packs are used in industries like chemical, cement, steel, automobile, glass, power, heavy engineering, construction, winches and power piling structures in marine/off shore applications.

Our Hydraulic Cylinders and hoists are used for Hydel power plants, dams and canals and include dam gates, intake gates, radial gates, slice gates and opening and closing doors of Hopper Barges, Split barge and Jack-up Barges in Marine/Offshore applications.



Research and Development:

We accord a lot of importance to R&D, as many of our clients need customized solutions with absolutely no scope for any error, so it's literally back to the drawing board for every client, while an in-house Quality Testing wing ensures that every product we make measures up to the stringent standards set forth.

This attention to detail has resulted in perfection par excellence, earning us a sobriquet 'Hydraulic Cylinder Specialists'.

Our team of qualified, experienced and dedicated engineers and detailers exploit the company's well-established design and engineering facility located at our factory in Hyderabad, India, which is equipped with the latest computer hardware and software for analysis, design, and drafting. All drawings from concept to completion are prepared in AutoCAD/CATIA.



Services:

- Hydro Power Intake gate, Radial gate, Sluice gate Hydraulic Hoists on Turnkey basis.
- Customized Hydraulic Systems, Test Rigs and Cylinders.
- Customized Hydraulic Equipment like Presses.
- Refurbishing Hydraulic Cylinders and Equipment.
- After Sales & Service.



Lower Jurala HEP, TS Genco, Telangana 260 Ton X 11900mm Stroke

Clients:

The Company serves a variety of customers spread over diverse industry segments such as Steel, Cement, Dredgers, Ships, Defence, Power, Hydro Power, Paper, Construction, General Engineering Industry, Mining and many more, having executed many projects and has been regularly supplying hydraulic systems and cylinders not only to huge government undertakings, but also public sector undertakings and private firms.

Expertise:

Suvera has emerged as one of the major manufacturers of Hydraulic Hoists for Hydel power projects, Radial Gates, Sluice Gates and undertake complete projects on turnkey basis, i.e. design, manufacture, supply, erection and commissioning of hydraulic hoists, along with required systems & control panels. We have successfully executed projects for various Hydel projects/sluice gates.

Suvera Fluid Power (P) Ltd., with its proven expertise, having handled a wide range of small, medium and large projects, has an enviable reputation for engineering high quality systems, competitive costs, and 100% client satisfaction. No challenge is too big for us. In fact, we love engineering challenges that bring out the best innovation from our research labs, leading to some great projects that stand testimony for our expertise for times to come.





PRODUCTS

Hydraulic Power Packs

Suvera is one of the leading hydraulic power packs manufacturers and suppliers in India. Hydraulic power packs are hydraulic equipments with pumps, valves, motors and other accessories that are widely used in pressers and filters. These hydraulic power pack systems are available for both small and large duty applications. Only high quality pumps and valves are used in these power packs to ensure excellent performance.

Our power packs are coupled with motors of good power capacities. The motors used in these hydraulic power packs are of 3 to 7 HP capacity and can work up to a maximum pressure of 250 bar. The valves are integrally fixed and have a vertical assembly.

These hydraulic power pack systems can be used for AC and DC single acting applications with pressure up to 250 bars. The valves of these hydraulic power packs are specially designed and tested against various industrial standards and hence reduce oil leakage during working.

We provide these power packs in both standard and custom built designs. Available in auto cut off and holding types. These power packs have a high quality finish, as they are painted with epoxy paints. We ensure that our power pack systems have a compact design and rust free nature. Our double acting cylinders and hydraulic power pack components are tested on various parameters like durability, resistance, shelf life etc, to ensure quality products for our customers. Our hydraulic power packs are widely applicable for drilling, clamping, rotation, lifting and slotting machines. In turning machines they are used for chuck clamping and turret movement.

Specifications of Hydraulic Power Packs:

- Hydraulic presses.
- Marine machines.
- Earth moving equipment.
- Industrial automation machines.



Hydraulic Cylinders

Suvera is one of the renowned Hydraulic Cylinders manufacturers in India offering an exclusive range of hydraulic equipments to the clients. Hydraulic Cylinders are mechanical motors that are widely used for creating a unidirectional force with the help of a stroke. We manufacture and design these cylinders in accordance with the industry standards.

We offer these hydraulic cylinders in different pressure ranges based on the requirements of our clients. These cylinders offered by us are widely used in various aerospace industries, power plants, marine applications, agro industries and huge machinery processing industries and many more. Our hydraulic cylinders have advanced features and high functional level, hence are widely appreciated in various sectors.

Our hydraulic cylinders enhance smooth operation during all heavy duty applications hence highly beneficial since it can work under all pressure conditions. Customers can avail these cylinders in different grades based on their requirements. We offer these hydraulic cylinders in market leading prices.

Features of our Hydraulic Cylinders:

- Piston rods with high tensile strength.
- Position sensing and proximity switches, supplied as required.
- Durable and strong welded construction.

Specifications of our Hydraulic Cylinders:

- Bore diameter: 50 mm to 1500 mm.
- Stroke: 20000mm
- Can manage pressure up to 500 bar.
- Temperature: 20 to 80 degree C.

Industrial Hydraulic Equipment

We are also one of the leading industrial hydraulic equipment manufacturers in India. Industrial hydraulic equipments serve a wide range of industries and various other sectors with their quality and heavy duty applications. We make no compromises in the manufacture of industrial hydraulic equipment and use high quality materials, because of which they are highly durable and long lasting.

Our range of industrial hydraulic equipment includes hydraulic power packs, hydraulic pistons, hydraulic motors, hydraulic cylinders and much more. These equipments are well fabricated using quality machineries and efficient techniques. The industrial hydraulic equipments offered by us are easy to install and maintain, and are widely appreciated in the Indian markets. Suvera's industrial hydraulic equipment offered by us is highly functional and can withstand all pressure conditions. Our professionals test these equipment on various parameters before supplying them to our clients. Customers can avail this industrial hydraulic equipment in different grades based on their requirements and in market leading prices.

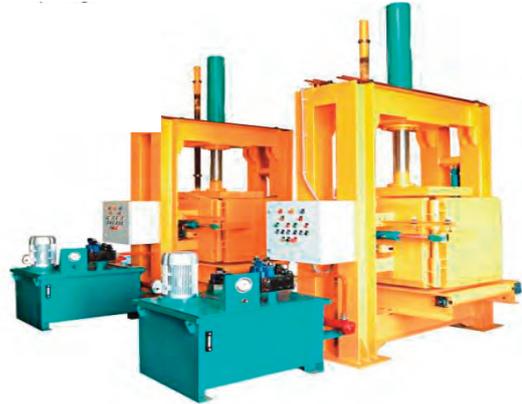
Some of our industrial hydraulic equipment applications are:

Tobacco Equipment: Our company is engaged in manufacturing and supplying a wide range of tobacco equipment in India. Tobacco equipments are machines used for processing tobacco in various tobacco industries. These equipments are manufactured using high grade raw materials. Our tobacco equipments mainly include tobacco crusher, tobacco drier, conditioning machine and tobacco processing machines.



The cutter machine first cuts the raw tobacco into small pieces and slices as per the required sizes. Our tobacco pressing equipment and crushing machines efficiently crush the material into different quantities. Tobacco materials are fed into the driers with the help of a suitable conveying system in drying machines, it also consists of a steam heater for heating the materials. Processing of the material is taken up after obtaining moist-free tobacco.

Cotton Baling Press: If you're searching for heavy duty and highly functional Cotton Baling Press, Suvera is the right place to find it. Our products are of a very high quality and have made a name for themselves in the market, in fact, our company is one of the leading manufacturers of Cotton Baling Press in India. We manufacture these Baling Presses using high grade materials as per the latest technologies. The Cotton Baling Presses offered by us are used for baling raw or waste cotton in different quantities. These machines can easily manage cotton fiber and are serving the textile industries relentlessly with their high performance. The Cotton Baling Press offered by us has a baling capacity of up to 30 to 35 bales per hour.



The high efficiency of our cotton baling press helps in easier compression of cotton, thus reducing manual labor. These baling presses offered are very simple to install and maintain, and are very easy to operate, all of which lead to a cost-effective way of baling cotton. We manufacture this cotton baling press in different baling capacities as per the requirements of our clients. Customers can avail this cotton baling press at competitive prices.

Aluminium Extrusion Press: We are one of the leading manufacturers and suppliers of Aluminium Extrusion Presses in India. Our experienced professionals use their expertise in manufacturing them by using high grade raw materials like stainless steel and other materials. The presses are manufactured based on the industrial standards to meet all the requirements of our clients.

This Aluminium Extrusion Press comprises of front platen and back platen which are held together by four tie rods, this machine consists of various parts like main cylinder, container, ram, dummy block, tool stack, tie racks, die oven and racks. All the parts are well checked on quality basis for ensuring our clients a highly durable Aluminium Extrusion Press. Our Aluminium Extrusion Presses are well suited for all types of sections, round, hex, square, flat, hollow pipes of aluminium. The patterns and alignments can be easily made as per the requirements of the clients.



Tobacco Auto Press: Suvera has, for a long time, been one of the leaders in the manufacture and export of tobacco auto presses in India. Our range of tobacco auto presses is manufactured using world standard high quality raw materials and machines. These tobacco pressing machines are widely used in various tobacco industries for processing and pressing tobacco. Our tobacco auto press machines have a single pressing feature and can process, measure tobacco from a range of +/- 1 kg. Insertion of the carton is also done automatically into our tobacco auto press machines.

The production capacity of our tobacco auto press is widely appreciated by the customers. These machines are also appreciated for their durability, sturdiness, high processing capacity and long lasting properties. This tobacco auto press is packed in carton, wooden boxes and zipper bags. These tobacco auto press machines are controlled automatically with the help of programmable logic control unit. We manufacture these tobacco auto press based on the requirements of our clients and at competitive prices.

Hydraulic Hoists For Hydel

Suvera is one of the leading manufacturers and suppliers of Hydraulic Hoists for Hydel dam projects in India. The design and manufacturing process of our hydraulic hoists are manufactured with latest technologies and requirements. Our hydraulic hoists can be set up as substitutes to air driven units in all places where hydraulic lines, central hydraulic systems are present. Our hydraulic hoists for Hydel power applications include dam gates, intake gates, radial gates and sluice gates.

The components of our hydraulic hoists are manufactured using high quality raw materials for ensuring durability and long lasting nature. Our range of hydraulic hoists is widely used in various canals and power plants. These hydraulic hoists for Hydel encompass hydraulic cylinder with an oil pumping unit which is fixed for vertical gates in canals and dams. The rods of the cylinders can be directly fixed to the gates. The fluid used in these hydraulic hoists is oil and it works depending on the motor size with an intake pressure of 100 bar up to 180 bar.

Our range of hydraulic hoists for Hydel applications is widely appreciated for its efficient hydraulic system, functioning, pressure intake capacity etc. We install these Hydel hydraulic hoists for various dam gates and Hydel power plants and provide service for the same. The company undertakes installation and servicing works of Plant & Equipment either as a part of its turnkey project or as an independent activity with our highly professional, trained and skilled technicians and staff. We are equipped with sophisticated facilities, handling equipment, tools & tackles for carrying out installation and commissioning works to a tune of 5000 MT per annum. Suvera has earned a user friendly tag from its Customers and Sub-Contractors for its customer-centric nature.

We design and manufacture:

- DAM GATES
- INTAKE GATES
- RADIAL GATES
- SLUICE GATES

Hydraulic Cylinders Manufacturing range

- Bore Diameter upto 1500 mm
- Stroke length upto 20000 mm

Application of our Hydraulic Hoists:

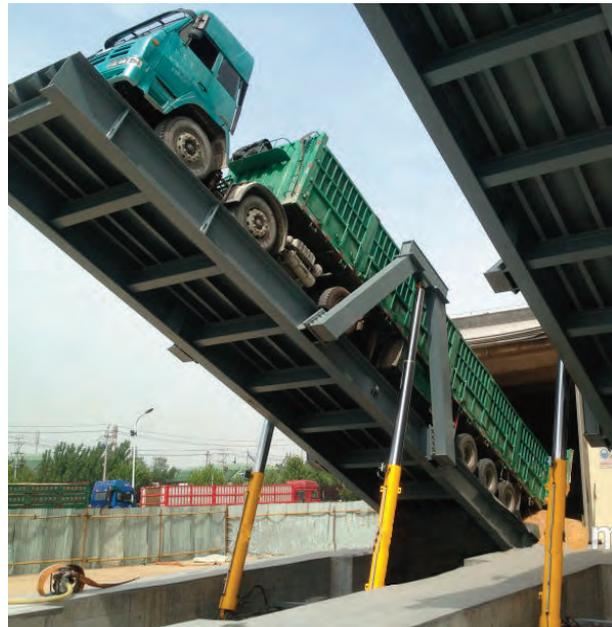
- Widely used in Hydel power plants, dams and canals.
- Applicable for all kind types of barrages.
- Used in intake and sluice gates.



Marine and Offshore Applications:

Our company is well positioned to serve the stringent and extreme applications of the marine and offshore industries. Our Hydraulic Cylinders can be used for offshore applications like Drill floor manipulation arms, Catheads, Knuckle boom cranes, Personal access buckets and other applications, while our Hydraulic Power packs can be used for drill floor access, with quality up there with the best, which will prove to be assets in extreme conditions.

Our gas accumulators can be surface-mounted to power BOP (blowout preventer control system) hydraulic power unit features 20 accumulators, each of 11-gal size and is essential to the drilling operations.



Men and Machinery:

We have a team of dedicated engineers with a collective experience of over 120 years, a team of Designers and a Quality team, all of who combine to assure a only high quality and zero error cylinders are supplied to our customers. It's no wonder that our Cylinders and Power Packs run for decades without any problems.

We have fully equipped manufacturing facilities including top-of-the-line equipment like SUNNEN HTH-3000S CNC Honing machine, 310x3000mm PINACHO CNC Lathe machine, a Test Bench that can measure upto 500 BAR with Scada software, along with 3 meter, 6 meter and 10 meter Honing machines, manual lathe machines, high and low pressure test rigs, grinding machines etc, in a totally modern and dust free facility.



Test Bench that can measure upto 500 BAR





*SLS Power Corporation, Dummugudem, Telangana
140 Ton x 10,650mm Stroke x 6 Hoists (4MW x 6)*

