

Enertron Technologies Private Limited

- We are a team of engineers, solving problems, creating technologies and bringing it to reality through precise manufacturing processes.
- We have in house 3D/2D CAD designing team which can very well understand customer expectations and design and develop optimum solutions as per requirements.
- Our production team is capable of precisely manufacturing parts and assemblies as per drawings given by design team. End products are designed and tested to their extremes for providing enhanced product life

Enertron Technologies Private Limited

Our products briefly includes:

- > Rotary Unions or Rotary joints
- > Slip Rings
- > Swivel Joints
- > Hydraulic Cylinders
- > Hydraulic Jacks
- > Hydraulic Power Units or Hydraulic Power Packs
- > Hydraulic force operated Machineries

Enertron Technologies Private Limited

- Our services briefly include:
 - > On demand manufacturing as per sample/drawing of any product
 - > Precise bulk machining of parts exactly as per drawing or sample

Rotary Unions

- Rotary unions are used to transfer fluid from a stationary part to a rotating part. It acts as a coupling which allows seamless fluid transfer without any leakages.
- Based on applications, we manufacture rotary unions in following specifications. We also customize product as per customer requirements.
 - > Single port or multi port
 - > Air/Vacuum/Water/Oil/Gas/Chemicals or a combination of fluids passing through different ports
 - > Maximum Speed of rotation upto 10000 RPM
 - > Maximum pressure upto 400 bar
 - > Temperature upto from -50 deg to 600 deg C

Rotary Unions



Rotary unions



Rotary Unions



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Slip Rings

- Slip rings are used to transmit electrical power, data or signal from a stationary part to rotating part.
- We can manufacture slip rings and also integrate it with rotary unions and provide combined solution.
- We manufacture slip rings for following specifications:
 - > Maximum current upto 100 Amp
 - > Ethernet or USB data
 - > Signals for automation applications

Slip Rings



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Swivel Joints

- Swivel joints are used in piping to provide degree of freedom to reduce stress. These are similar to rotary joints, but speed of rotation is very less or nil depending on application.
- We manufacture swivel joints in following specifications
 - > Threaded or Flanged
 - > From 1/4 inch to 16 inch pipe diameter
 - > Fluids oil, gas, water, air
 - > Maximum pressure upto 250 bar
 - > Temperature range -50 deg C to 600 deg C

Swivel Joints



Swivel Joints



Hydraulic Cylinders

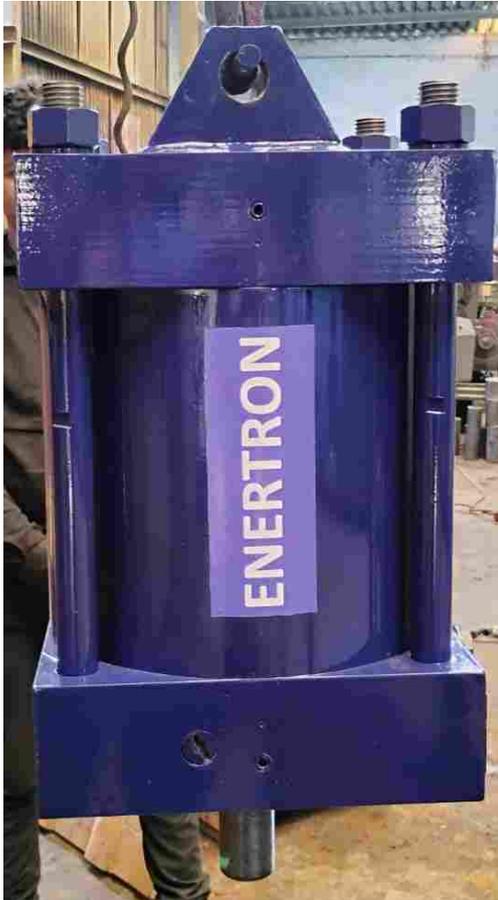
- Hydraulic cylinders convert fluid power into mechanical force.
- We make hydraulic cylinders in following specifications
 - > Single acting or Double acting cylinders
 - > Cylinders with adjustable or fixed cushioning
 - > Telescopic cylinders
 - > Tie Rod type
 - > Welded type
 - > High tonnage cylinders

Hydraulic Cylinders



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Hydraulic Cylinders



Hydraulic Jacks

- Hydraulic Jacks are a type of hydraulic cylinders, but where mostly a pushing force is required, and pressure is applied for long period of time with less duty cycle.
- We manufacture hydraulic jacks upto 50 Ton Capacity and working pressure upto 700 Bar

Hydraulic Jacks



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Hydraulic Power Units or Power Pack

- Hydraulic Power Unit or Power pack is used to provide pressurized oil to hydraulic cylinders or jacks.
- We provide them in following specifications:
 - > Electric Motor powered pump or with manual hand pump
 - > Solenoid valve operated or hand lever operated
 - > With Air cooled or water cooled Oil Cooler
 - > Manual hand pump upto 700 Bar pressure
 - > Electric motor powered upto 450 Bar pressure

Hydraulic Power Unit



Hydraulic Machineries

- Hydraulic Baler Press (Vertical)
- Hydraulic Baler Press (Horizontal)
- Hydraulic Power Press

Hydraulic vertical baler press

- These are used to do volumetric compression of new or scrap items for efficient logistic cost.

Applications:

- FIBC jumbo bags, Corrugated Boxes, PET plastic bottles, Coconut coir/waste, Plastic scrap, Cotton, Tyres, Drum crushing, Aluminum can, Metal waste and many more



Our Services

- Precise manufacturing of parts as per sample or drawing



Drawing generation
as per sample



Sample quantity for customer
validation



Mass production after customer
validation

Our Customer Base

- Oil and Gas Industry
 - Heavy Engineering Industry
 - Defence and Aerospace Industry
 - Hydraulic Machinery Manufacturers
 - Automation and Robotics
 - Railways and Earth Moving Machinery Manufacturers
 - Wind Mill Operators and Manufacturers
- and many more

Contact Us

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