



IES

COMPANY
PROFILE

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Innovative Engineering Solutions

ABOUT US

Innovative Engineering Solutions



Innovative Engineering Solutions company established in NOV 7th 2024. And has undergone significant development and growth resulting in its establishment as the foremost custom-built attachments manufacturer in current markets.

Innovative Engineering Solutions has become the best manufacturer of custom-built attachments, catering to various industries such as Construction, Agriculture, Forestry, Landscaping, Mining, and Material handling. With a associates operating from two facilities, we remain committed to providing top-notch products and operational excellence to our customers.

GOVERNANCE POLICY

Innovative Engineering Solutions



We hold ourselves to the well standards of corporate governance across all of our business endeavors. We view corporate governance as the foundation for achieving superior performance & for providing outstanding service to our employees.

We adhere to legal provisions & regularly evaluate our practices against industry standards. The process begins with the Board of Directors composed of accomplished professionals & independent consultants. We consider integrity, transparency, risk management, internal controls, effective communication, and maintaining high standards of safety & health as essential components of corporate governance.

PLANT

Innovative Engineering Solutions



Equipped with state-of-the-art machinery and advanced technologies, our facilities have the capability to efficiently and precisely transform raw materials into finished products. IES facilities are versatile, allowing us to manufacture a wide range of custom-built attachments for construction, agriculture, forestry application, and material handling applications.

With over well skilled technicians and engineers collaborating, we leverage their expertise to optimize processes, troubleshoot issues, and continuously improve efficiency. From research and development to prototyping, quality control, and mass production, our facility handles every aspect of the manufacturing process.

Building No.Flat No.: PLOT NO.4 SY.NO.123
Road/Street: K.G.F.Main Road
Locality/Sub Locality: Dasarahosahalli Industrial
Area,Bangarpet Taluk
City/Town/Village: Bangarapet
District: Kolar
State:Karnataka
PIN Code:563162
Phone: +91 76191 18607
Phone: +91 99007 52370
Phone: +91 98803 98238
Email: ies.innovativeinfo@gmail.com

OUR PRESENCE

Innovative Engineering Solutions



Our company is in Dasarahosahalli Bangarapet[T] kolar[D] Karnataka[S]- 563114. IES has strategically extended its influencing, establishing a well presence that reaches across Nation.

Over the years, we have dedicated ourselves to expanding our presence in the current markets and have achieving remarkable success in exporting our products to various regions, We aim to continue cultivating strong business collaborations, primarily with Original Equipment Manufacturers (OEMs) and the attachment manufacturers.



Our Values

Innovative Engineering Solutions



Excellence

We are dedicated to continuously improving and setting the highest standards for ourselves.

Customers

We are dedicated to providing them with the well quality products and services.



Our Values



Safety

We are committed to ensuring the well-being of our employees and their families.

Community

Our operations aim to generate economic, social, and environmental value.



MISSION

Our mission is to produce affordable, well-quality attachments that enhance our clients' productivity, lower expenses, and manage risks effectively. We are dedicated to providing exceptional performance, fostering enduring partnerships, and driving industry innovation and leadership.

VISION

Our vision is to be the No.1 choice for customized attachments and maintain industry leadership. We aim to be the leader in delivering innovative, reliable, and Well-quality solutions for manufacturing Automotive, Automobile, Construction, Agriculture, Forestry, and material handling.



OUR TEAM

Inspired by the dedication and integrity of our BOARD OF DIRECTORS.

Innovative Engineering Solutions competent team of engineers are led and motivated by them continuously.

Our team of dedicated and hardworking individuals consists of well- trained engineers and designers who are focused in achieving their everyday goals.

Further, our team exhibits immense knowledge in their individual tasks, leading to the increase in overall productivity coupled with quality of final products.

BOARD OF DIRECTORS



Selvaraj T



Punitha T



Surendar V

Elevating standards, Ensuring Excellence

Innovative Engineering Solutions



At Innovative Engineering Solutions, our commitment to quality is unwavering. We understand that quality is not just a feature; it's an integral part of our identity and a cornerstone of our success. Our Quality Assurance practices are designed to elevate standards and ensure excellence in every aspect of our operations.

We adhere to the highest well trained standards at IES. Our workforce is expertly trained and well in quality practices, and we have optimized and standardized our production facilities for maximum efficiency.



Work Culture

Innovative Engineering Solutions



Our culture is rooted in a relentless pursuit of results. We believe in fulfilling our customers' needs in terms of cost, quality, and delivery by fostering a culture of accountability, efficiency, and continuous improvement. Every member of our team is dedicated to achieving our quality objectives, ensuring that excellence permeates every facet of our work.

Capabilities

IES. our team of well trained engineers are dedicated to meeting your unique business needs. We are armed with the industry leading technology and techniques, meeting the needs of customers from several industrial segments. We believe that every problem has a solution and every material has a tool. We go after the most difficult work and have mastered the art of getting it done efficiently.

Timely Delivery

Our quick turnaround time ensures that your projects stay on schedule, from prototype development to high-volume production. We ensures timely delivery of goods through efficient planning, real-time tracking, and reliable logistics. With a strong commitment to accuracy and customer satisfaction, the company consistently meets deadlines while maintaining quality, safety, and operational excellence across all supply chains.

Self-Certified Supplier

Innovative Engineering Solutions



As a self-certified supplier, we hold ourselves to the highest standards of quality and reliability. We take full responsibility for the quality of our products and services, ensuring that they meet or exceed the expectations of our customers needs. Our self-certification status is a testament to our confidence in the quality of our workmanship and processes.



INNOVATION

MANUFACTURING

IES delivers high-quality manufacturing solutions by combining advanced technology, skilled expertise, and strict quality control. The company ensures efficient production, cost-effective processes, and reliable output while meeting industry standards and customer expectations.

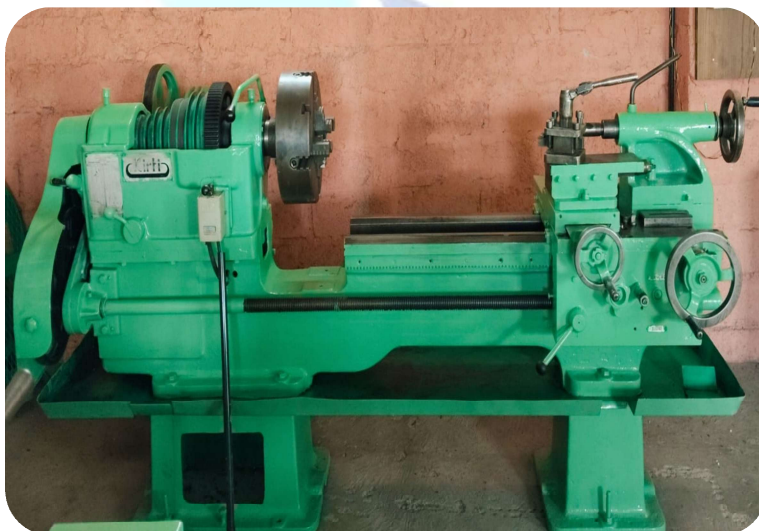


CNC Turning Center

Capacity	
Swing Over Bed	500 mm
Std. Turning Dia.	250 mm
Max. Turning Dia.*	365 mm
Max. Turning Length*	500 mm

Radial Drilling

Max Dia	40 mm
Spindle Travel	300 mm
Max Length	500 mm



Conventional Lathe 1

Max Dia	350 mm
Travel Length	700 mm
Max Length	1000 mm



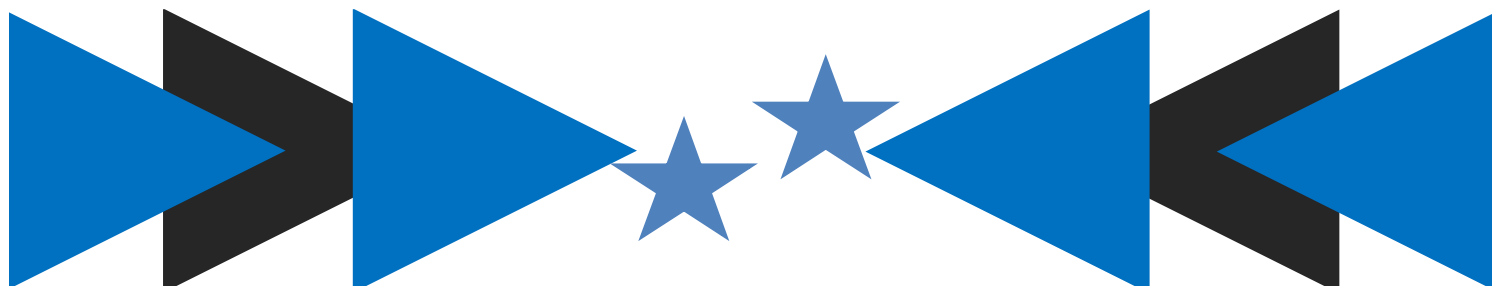


C Type Power Press 10 Ton

Capacity	10 Ton
Bed Size	480 x 580

Hand Fly Press 10 Ton

Capacity	10 Ton
Bed Size	350 x 450



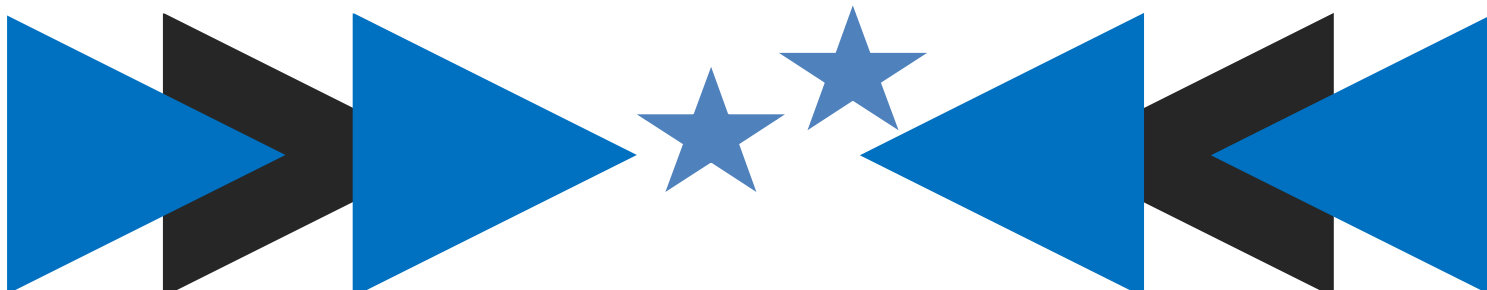


Conventional Lathe 2

Max Dia	200 mm
Travel Length	700 mm
Max Length	1000 mm

BandSaw cutting

Max Dia	200 mm
Max Sq	150 mm
Max Rectangle	175x150 mm





Hand Fly Press 500kgs

Capacity	500kgs
Bed Size	150 x 240

Radial Drilling

Max Dia	40 mm
Spindle Travel	300 mm
Max Length	500 mm





Drilling Machine 2

Max Dia	12 mm
Travel Length	140 mm

Drilling Machine 3

Max Dia	20 mm
Travel Length	140 mm





Drilling Machine 4

Max Dia	20 mm
Travel Length	140 mm



Conventional Lathe 3

Max Dia	160 mm
Travel Length	500 mm
Max Length	900 mm



WELDING 1

Capacity

*Rated Output Current: 200 Amps
Suitable for medium to heavy-duty arc welding applications
Designed to handle continuous industrial welding operations*

Key Features

*Oil-cooled welding transformer for effective heat dissipation and longer service life
Current selector rotary switch for adjusting welding current levels
Earth and Holder terminals for secure and reliable cable connections
Cooling fan to prevent overheating during prolonged use
Indicator lamp to show machine power/status
Robust metal body for durability in harsh workshop environments*



WELDING 2

Capacity

*Output Current: Up to 200 Amps
Suitable for medium to heavy-duty manual arc welding
Supports electrodes typically in the 2.5 mm to 4.0 mm range (approx.)*

Key Features

*Oil-cooled welding transformer for efficient heat dissipation and long operating life
Heavy-duty steel body designed for industrial workshop conditions
Robust cable connections for electrode holder and earth clamp
Simple and reliable operation, ideal for continuous use
Low maintenance design with stable current output*



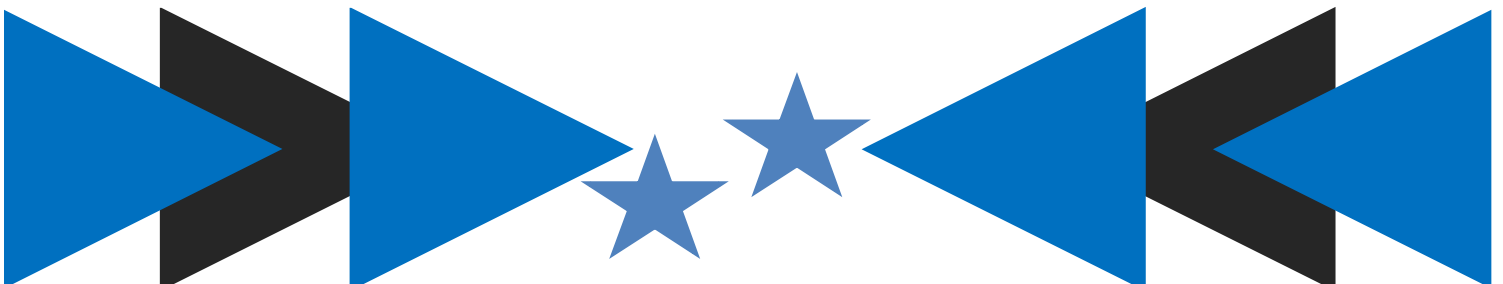
OUR PRODUCTS

GEAR SHIFT BOOSTER (VK -BSTR 01) [CHILD PARTS]

GEAR SHIFT ROD REAR PART



The image showcases precision-engineered gear shift components manufactured by IES. It includes Gear Shift Booster (VK-BSTR 01 – Child Parts) and Gear Shift Rod Rear Parts. These components are produced using high-quality metal, ensuring durability, accurate fitting, smooth operation, and long service life. The products reflect excellent machining, uniform finishing, and strict quality standards, making them suitable for automotive and industrial applications.



GEAR SHIFT ROD FRONT PART



The image displays precision-manufactured Gear Shift Rod Front Parts produced by IES. The components are made from high-quality metal with accurate machining, smooth surface finishing, and precise drilling. Designed for automotive applications, these parts ensure reliable gear shifting, durability, proper alignment, and long service life. The uniform design and batch arrangement highlight consistent quality and strict manufacturing standards.



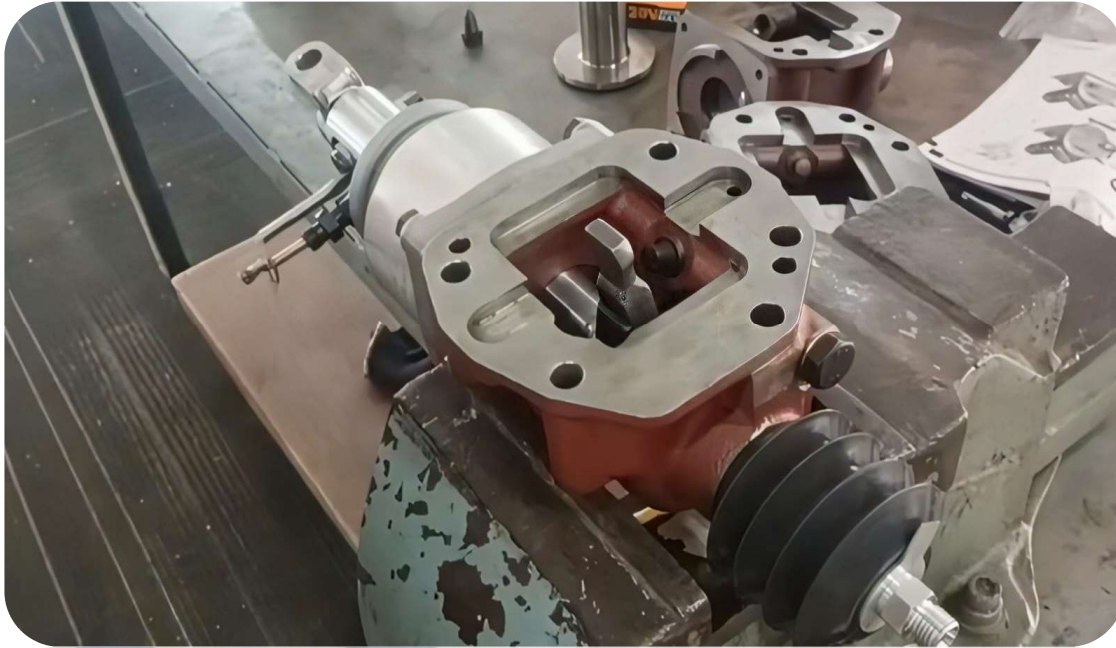
CONTROL ROD



The image shows a precision-engineered Control Rod manufactured by IES. Made from high-quality metal, the component features accurate machining, drilled mounting holes, and smooth surface finishing. It is designed to transmit motion and control force efficiently in mechanical and automotive systems, ensuring reliability, durability, and consistent performance under operating conditions.



Control Valve Housing



The image shows a precision-machined cast metal housing used in pneumatic Gear-shift Booster for TATRA assembly to enclose internal control/valve mechanisms. The housing provides mounting support, sealing surfaces, and alignment for shafts, valves, or bearings.



Customer Assy

VK-BSTR is mounted on the Transmission assembly of the BEML TATRA EURO-II transmission for shifting gears in the models ET8X8, ER8X8, RR8X8, RR6X6 which IS 100% indigenized.

BOOSTER ASSEMBLIES

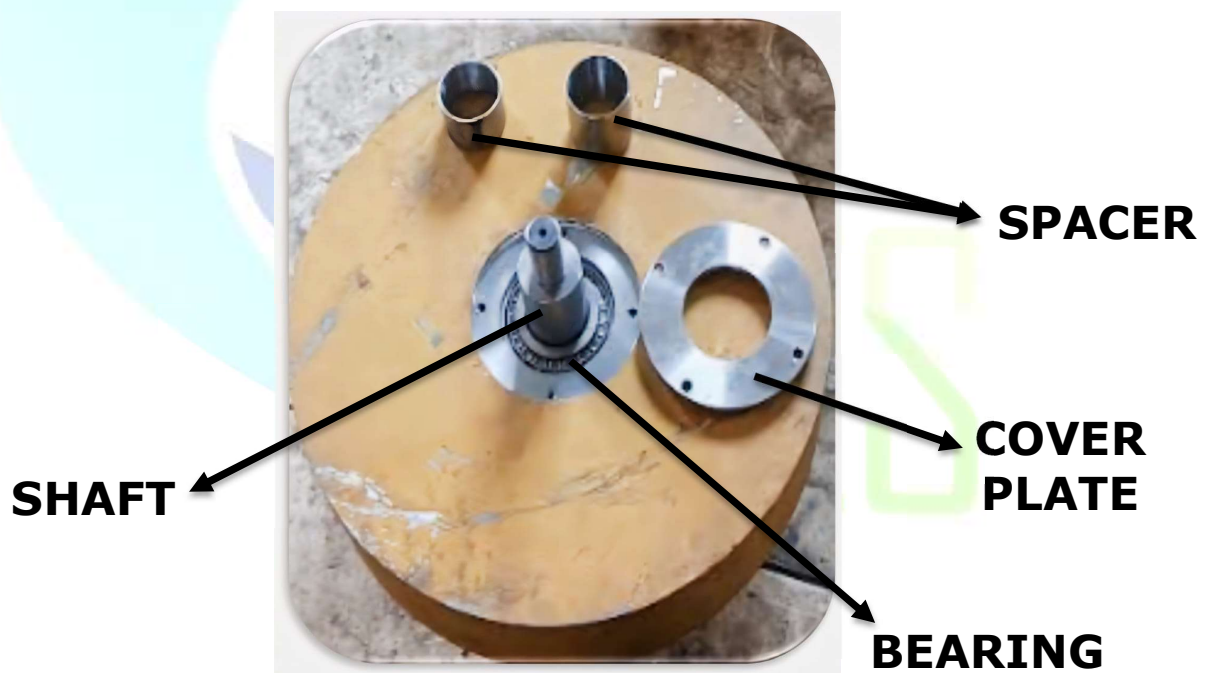
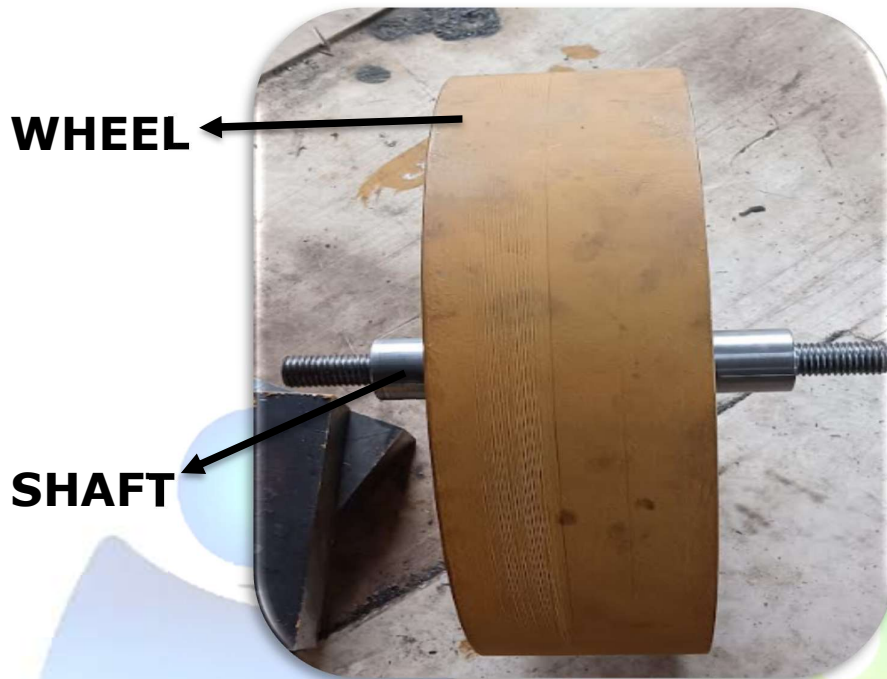


VK-BSTR 01 ASSEMBLED ON TATRA TRANSMISSION

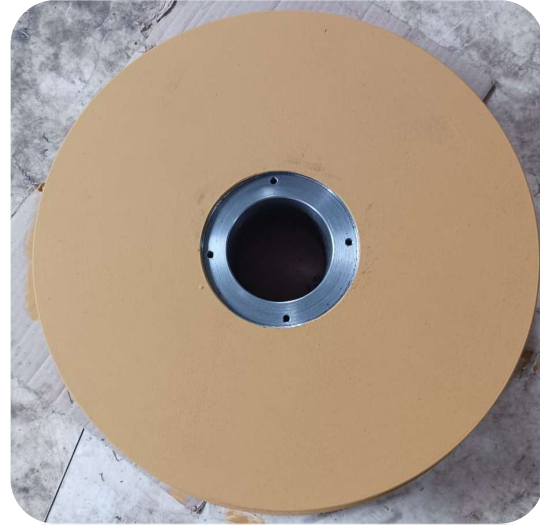


Travis Project

WHEEL ASSY



WHEEL = *The image shows a precision-machined, this wheel is designed to distribute heavy loads efficiently while providing adequate friction to ensure stability on the track. It is a critical component that enables smooth rolling motion, supporting load-bearing operations and facilitating controlled movement through the shaft.*



SPACER = *A spacer is a precision component used to maintain a specified distance between adjoining parts, providing proper clearance and ensuring accurate alignment between components such as bearings, shafts, and other mechanical assemblies.*



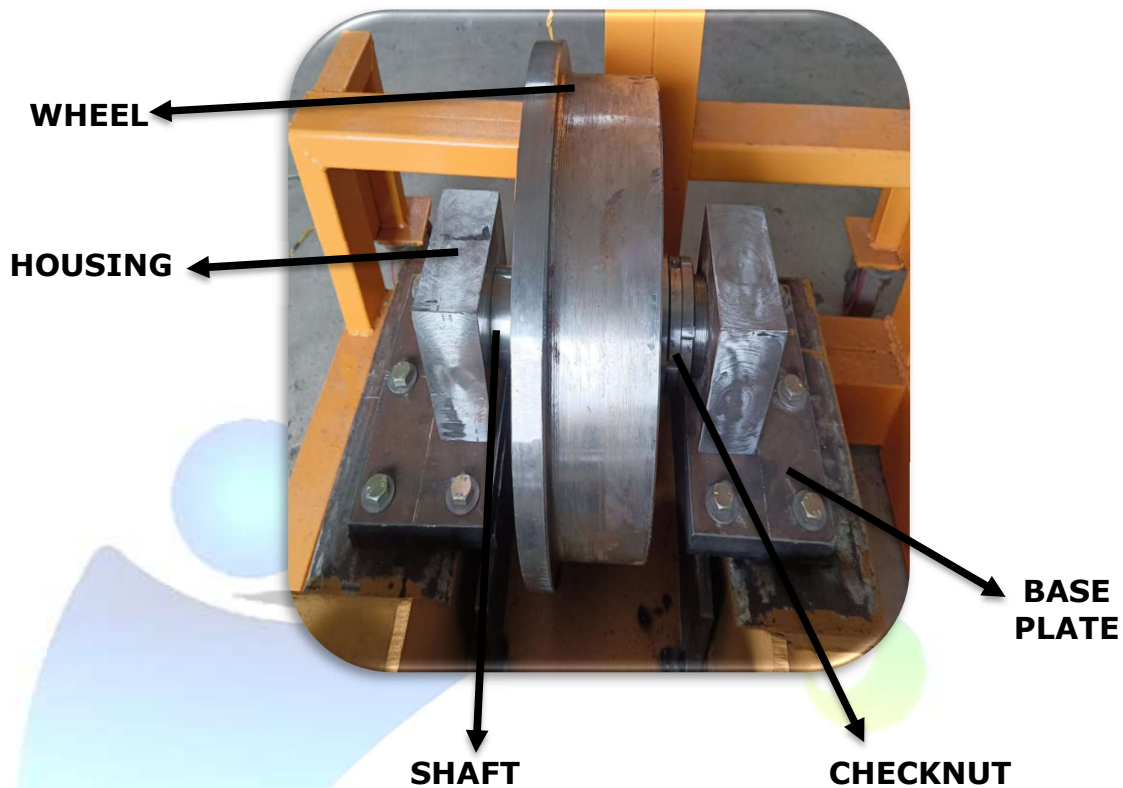
SHAFT=A shaft is a precision-machined mechanical component used to transmit torque and rotational motion, supporting mounted elements such as wheels and bearings while ensuring strength, alignment, and smooth operation within mechanical systems.



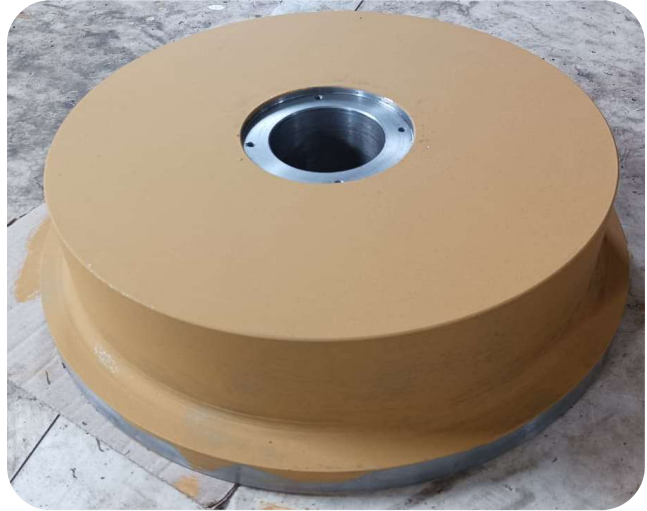
COVER PLATE=A cover plate is a precision-machined component used to enclose, protect, and secure internal mechanical parts in wheel providing structural supports for shaft, bearing with proper alignment, and protection against dust, debris, and external damage in mechanical assemblies.



WHEEL ASSY



WHEEL = *The image shows a precision-machined, this wheel is designed to distribute heavy loads efficiently while providing adequate friction to ensure stability on the track. It is a critical component that enables smooth rolling motion, supporting load-bearing operations and facilitating controlled movement through the shaft.*



COVER PLATE= *A cover plate is a precision-machined component used to enclose, protect, and secure internal mechanical parts in wheel providing structural supports for shaft, bearing with proper alignment, and protection against dust, debris, and external damage in mechanical assemblies.*



BASE PLATE=A base plate is a structural component used to provide a stable mounting surface, evenly distribute loads, and securely support mechanical assemblies of housing in traxis and ensuring proper alignment and long-term structural integrity.



CHECKNUT=A check nut is a threaded locking component used in shaft assemblies to secure bearings or other mounted parts in position, preventing axial movement and loosening due to vibration or operational loads.



HOUSING=A housing is a precision-fabricated machined component used in shaft assemblies to support and locate the shafts, ensuring proper alignment with key way & from shaft and wheel to structural stability, and protection of internal components during operation.



SHAFT ASSEMBLY=A shaft assembly is an integrated mechanical unit comprising a shaft and associated components such as bearings, spacers, nuts, and housings, designed to transmit torque, to support wheel rotational loads, and ensure smooth, reliable operation within wheel assy.



HOUSING ASSY

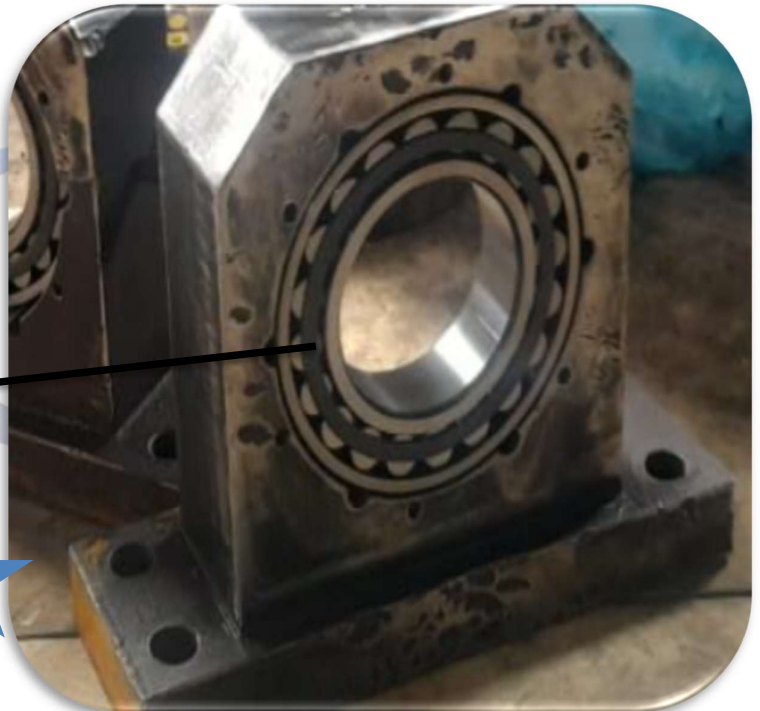
HOUSING

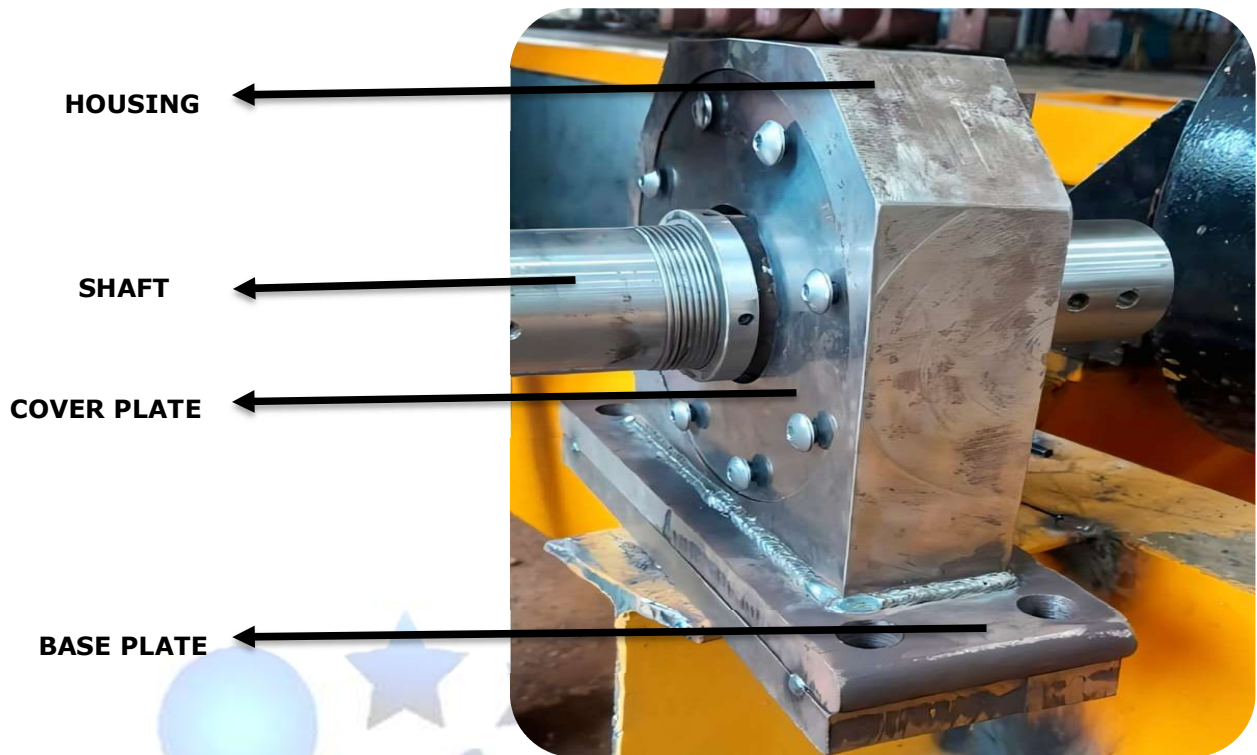
COVER
PLATE

SHAFT

BASE PLATE

BEARING ASSY





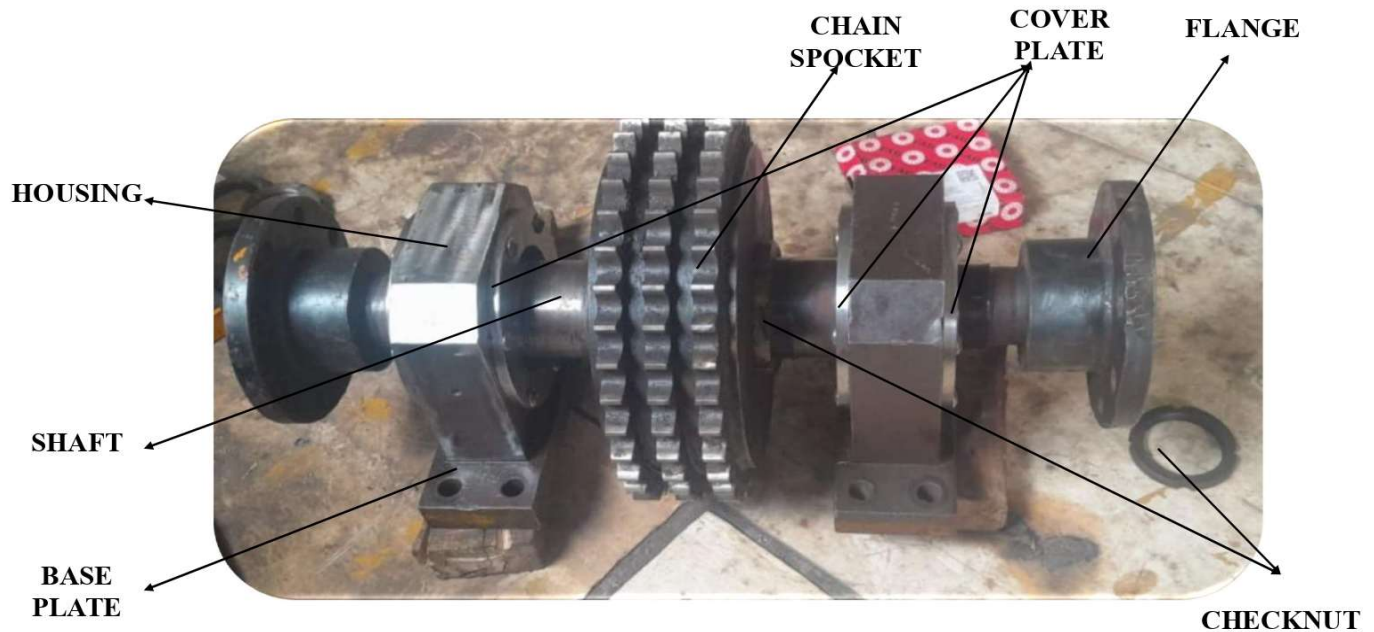
HOUSING=A housing is a precision-fabricated component used in shaft assemblies to support and locate bearings and shafts, ensuring proper alignment, of wheel and structural stability, and protection of internal components during operation.

SHAFT ASSEMBLY=A shaft assembly is an integrated mechanical unit comprising a shaft and associated components such as bearings, spacers, nuts, and housings, designed to transmit torque, to support wheel rotational loads, and ensure smooth, reliable operation within wheel assy.

COVER PLATE=A cover plate is a precision-machined component used to enclose, protect, and secure internal mechanical parts in wheel providing structural supports for shaft, bearing with proper alignment, and protection against dust, debris, and external damage in mechanical assemblies.

BASE PLATE=A base plate is a structural component used to provide a stable mounting surface, evenly distribute loads, and securely support mechanical assemblies of housing in travis and ensuring proper alignment and long-term structural integrity.

CHAIN SPOCKET ASSY



HOUSING=A housing is a precision-fabricated component used in shaft assemblies to support and locate bearings and shafts, ensuring proper alignment, of wheel and structural stability, and protection of internal components during operation.

SHAFT ASSEMBLY=A shaft assembly is an integrated mechanical unit comprising a shaft and associated components such as bearings, spacers, nuts, and housings, designed to transmit torque, to support wheel rotational loads, and ensure smooth, reliable operation within wheel assy.

COVER PLATE=A cover plate is a precision-machined component used to enclose, protect, and secure internal mechanical parts in wheel providing structural supports for shaft, bearing with proper alignment, and protection against dust, debris, and external damage in mechanical assemblies.

BASE PLATE=A base plate is a structural component used to provide a stable mounting surface, evenly distribute loads, and securely support mechanical assemblies of housing in travis and ensuring proper alignment and long-term structural integrity.



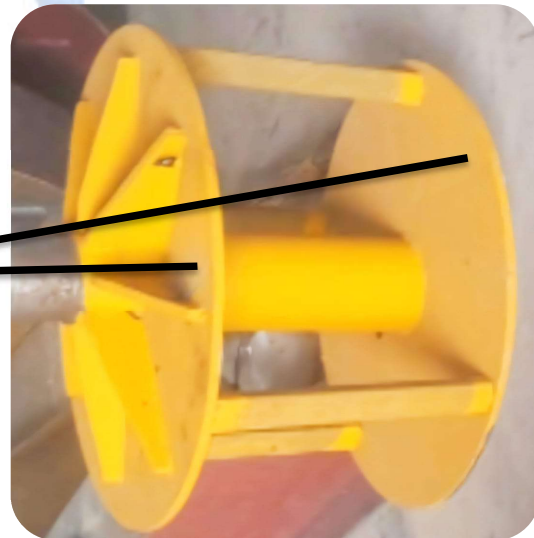
CHECKNUT=*A check nut is a threaded locking component used in shaft assemblies to secure bearings or other mounted parts in position, preventing axial movement and loosening due to vibration or operational loads.*

CHAIN SPOCKET=*A chain sprocket is a toothed mechanical component mounted on a shaft, designed to engage with a roller chain to transmit rotary motion and power efficiently between interconnected shafts in a mechanical drive system.*

FLANGE=*A flange is a machined mounting component used to support, locate, and secure rotating or stationary parts on a shaft assembly, ensuring proper alignment, load distribution, and a rigid connection with adjoining components.*

Rope shovel

WHEEL PLATE



ROPE SHOVEL=*A rope shovel is a heavy-duty mechanical component used to guide, support, and control wire ropes, ensuring smooth movement, reduced wear, and efficient load handling in material-handling and mining equipment.*

WHEEL PLATE=*The wheel plate is a precision-fabricated machined circular component used to support and locate the rotating elements within the assembly, ensuring structural rigidity, proper alignment, and uniform load distribution during operation.*



OUR CORE VALUES

Complete Customer Satisfaction

Innovative Engineering Solutions provides custom solutions for every job. We value treating every customer with utmost care and satisfaction.

Integrity

Innovative Engineering Solutions maintains the highest professional and ethical standards in all of our dealings with customers, employees, suppliers, and our community.

Environmentally Responsible

Innovative Engineering Solutions makes every effort to minimize the impact of our equipment and operations on the environment.

Importance of Employees

Innovative Engineering Solutions believes that our people are our strength therefore we reward outstanding performance and innovation. We provide equal opportunities for our people to achieve their career goals.

Innovative Thinking

Innovative Engineering Solutions embraces innovative thought through collaboration with its customers and employees to overcome any challenges efficiently.

THANK YOU



LOCATION



360° Machines View



IES Website



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+91 99007 52370



+91 98803 98238



ies.innovativeinfo@gmail.com



Building No.Flat No.: PLOT NO.4 SY.NO.123

Road/Street: K.G.F.Main Road

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City/Town/Village: Bangarpet

District: Kolar

State: Karnataka

PIN Code:563162