



**RESOURCE**  
ENGINECH (INDIA) PVT. LTD





# MANUFACTURING FACILITIES



## “ uniqueness

Understanding client's needs Customized solutions  
Spares readily available

## “ design & development

In House Design Staff  
Using 3D CAD Software like Creo

## “ advantage

More than 35 years of Experience in Product  
Frequent Improvements

## “ quality assurance

Documented System for QC  
Capability to Measure 5 $\mu$ m (Microns)

## “ since 1990

Online data of each shaft since 1990 with ears  
Listen to your feedback







## **MULTI BLADDER SHAFT** Series 201

The Multi Bladder Shaft is made of Aluminum Extrusion with steel journals Tight -fitted for High Torque capability. It is assembled with a PU tube for longevity.

## **LUG SHAFT** Series 101

Grippers are slit through the metal pipe and pneumatic bladder is used for inflating. The grippers give positive holding of the core.



## **FRICTION SHAFT** Series 451

A Shaft specially designed for slitters to handle constant tension on multiple slit. The base steel shaft has multiple bladders, mounted with Ball Locks for reel holding.



## **SELF - CENTERING MULTI BLADDER SHAFT** Series 251

Basic Structure of Multi Bladder Shaft with special internal valves design to handle Reels much higher Linear Speeds. The shaft is assembled with PU Tube and Hard Rubber Ledges for long life and operation.





## SAFETY CHUCK - ADJUSTMENT

Series 351

Certain material needs alignment adjustments, while shaft is rotating on the machine. The safety chuck is designed to handle the reel shifting in either direction upto 25mm. The sliding flange design is based on standard safety chuck with locking mechanism.

## SAFETY CHUCK - SLIDING

Series 321

A variant of classic Safety Chuck. The sliding flange allows the shaft to be locked in position while transferring torque at High RPM.



## THRUST CHUCK Series 551

Thrust chuck is a taper wedge design used for core holding where the force is applied through the arms. It is truly mechanical and fool proof.



## AIR CHUCK Series 561

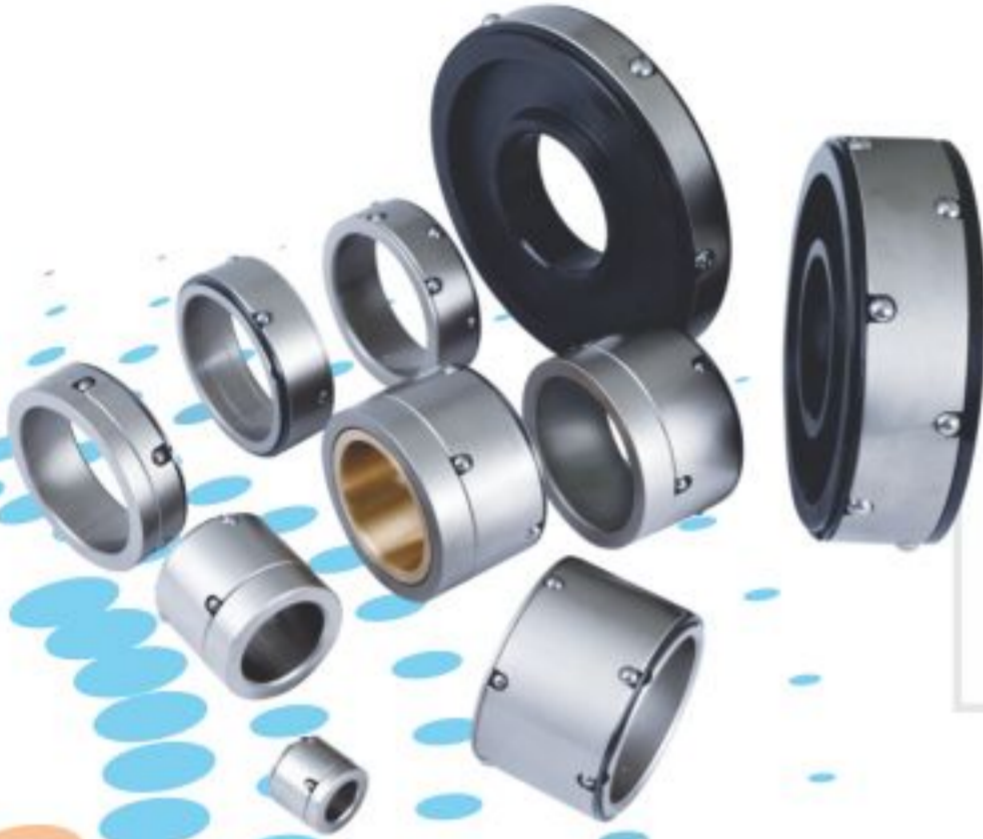
It is a simple bellow type chuck mounted on an aluminum body for holding up the reel. It is used with a side clamp or a set screw on the base shaft.





## TORQUE CHUCK Series 501

Cam type shaft makes the chuck hold core in positive gripping position.



## BALL LOCK Series 401

Most widely used friction elements for Differential winding. Steel, Aluminum or Engineering Plastic body specially manufacture to act as gripper with Ball.



## MULTI BLADDER CHUCK Series 221

Variant of the Multi Bladder shaft with through bore inside for holding on a shaft

## QUICK LOCK Series 481

Quick Lock is one of the products where maximum advantage of cam is used for concentric holding of the reel.





## REEL LIFTER Series 705

Mechanical clamping shaft is designed to lift reels from floor. Once can simply lock the reel by locking Latch on the top.



## BOW ROLLER Series 631

Curved steel roller with a rubber sleeve unit for removing wrinkles from the web.



## AIR POWER CHUCK Series 531

One of the most heavy and durable core holding option where mechanical advantage of taper wedge is used through high pressure pneumatic cylinder.



## REEL SHAFT EXTRACTOR Series 701

An innovative tool for Handling Longer and Heavier shaft. The mechanism is designed with flexibility to hold various designs of shafts in a single stand. The mechanism is purely mechanical and could be automated upon request.





# SPARES & PARTS



FLAT TUBE (PU, RUBBER)



COTTON FELT



RUBBER LEDGES & FLAT SPRING



UPPER & LOWER LOCK PIECE



AIR VALVE

RUBBER BLADDER / TUBE



RUBBER LUG



LUG HOLDING STRIP & CONICAL SPRING



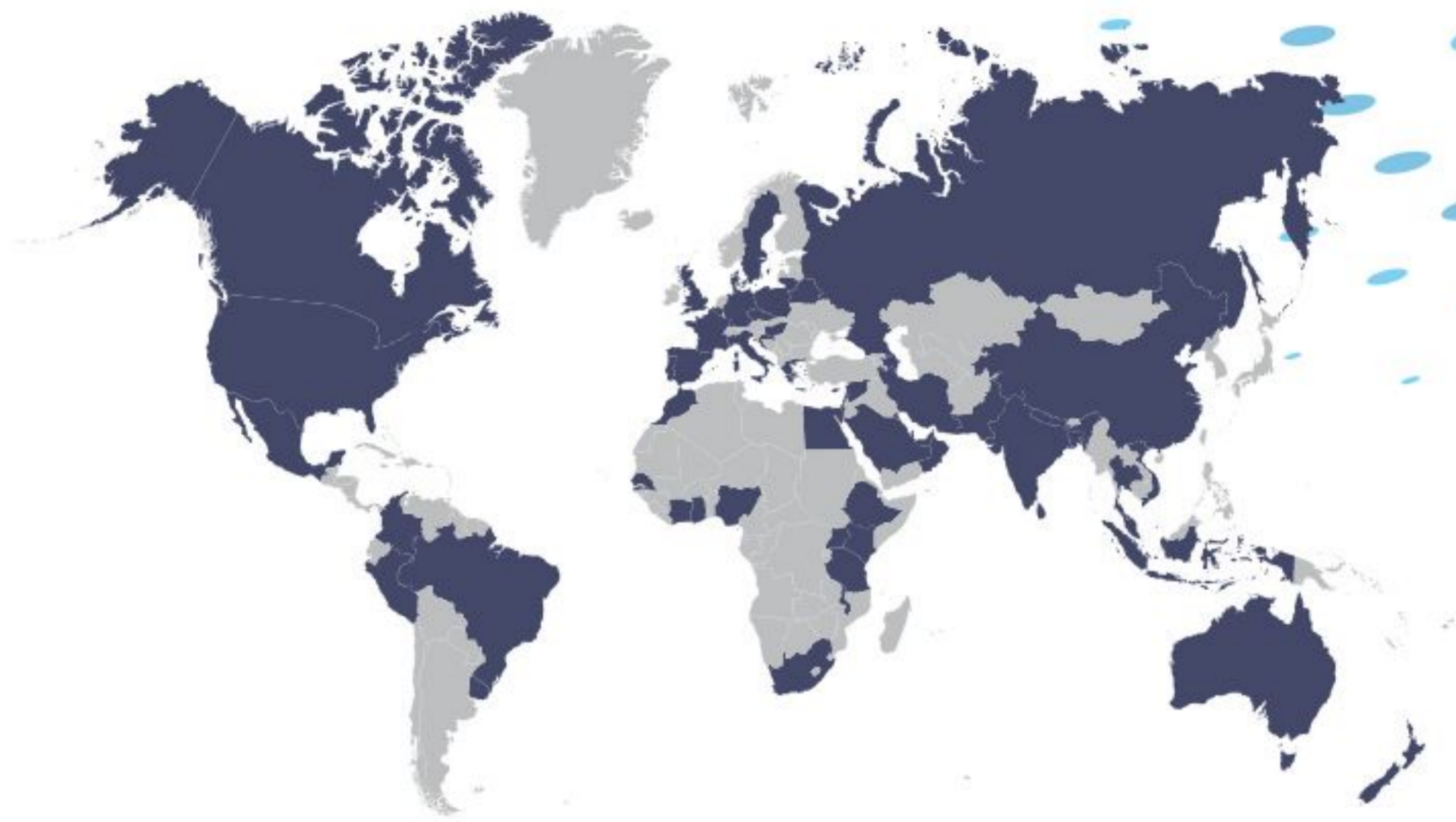
ALUMINUM LUG







**SERVING 1600 CUSTOMERS IN 60 COUNTRIES**



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