



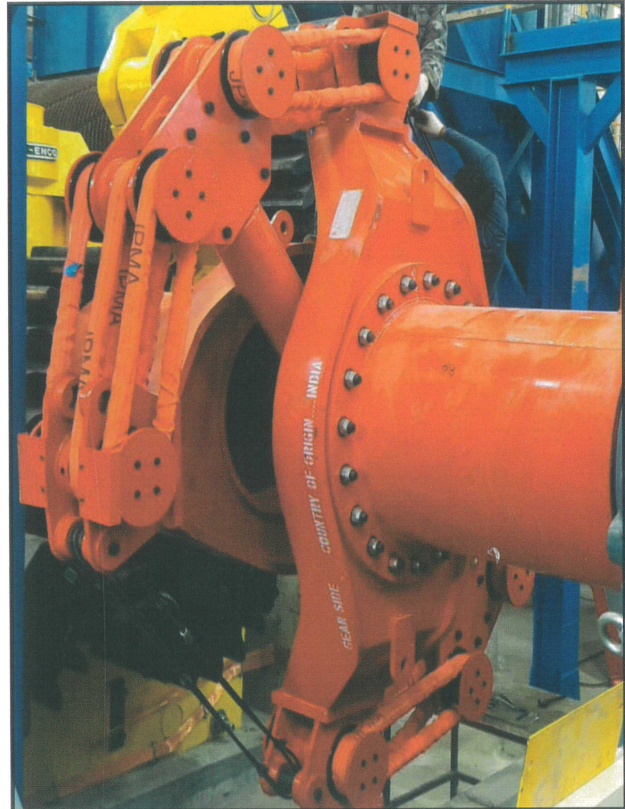
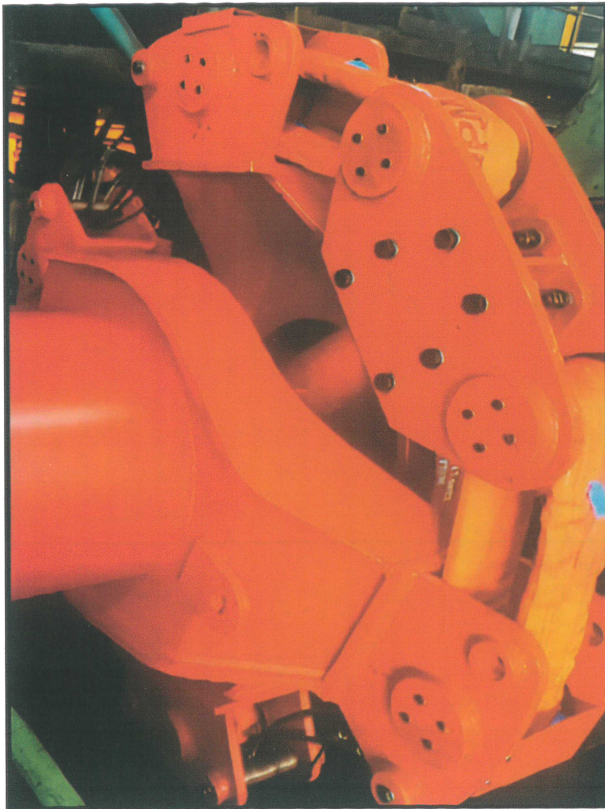
JPMA MILL ROPE COUPLING

Cost effective substitute for conventional system.

Improves mill performance & saves power

E mail: info@jpma.org.in, web: www.jpma.org.in

An ISO 9001 : 2015 certified company



Slings Type Coupling

“JPMA Mill Rope Coupling”

Significant advantages:

- Reduction in thrust generation up to 56 %, in turn extension in life of gear and mill shaft bearing.
- Power saving up to 8 to 10%
- Negligible maintenance

Design Developed & Marketed by :

J. P. MUKHERJI & ASSOCIATES PVT. LTD.

An ISO 9001 : 2015 certified company

‘JYOTI HOUSE’, 172, DAHANUKAR COLONY, KOTHRUD, PUNE 411 038. INDIA.

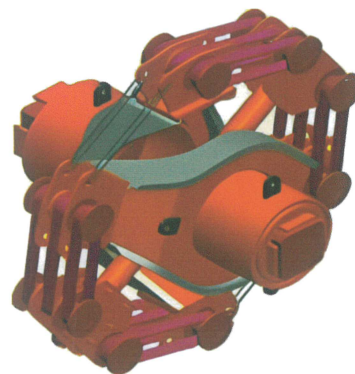
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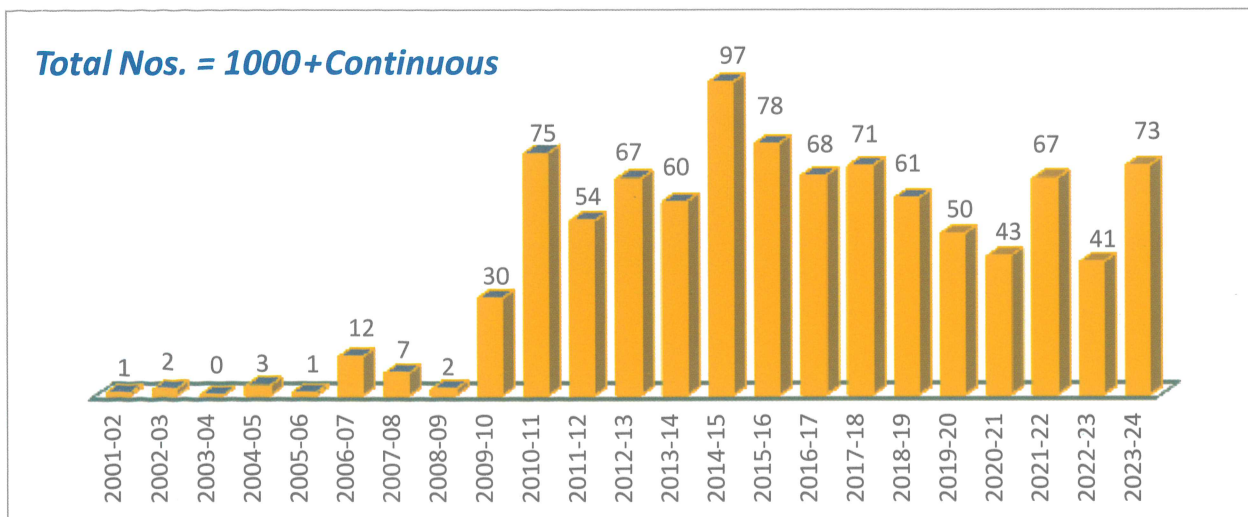


Advantages of “JPMA Mill Rope Coupling”

1. Improves Extraction Performance of mill, the conventional tail bar obstruct free floating of the mill top roller. **“JPMA MILL ROPE COUPLING”** does not impose any constraining thrust on the top roller with free floating of top roller, with specially developed good quality JPMA slings, mill operates at the designed setting and optimum hydraulic pressure and consequently perform more efficiently.
2. If installed on last mill final bagasse moisture will be lower.
3. Misalignment between square end of the gear shaft and mill top roller either due to tilting of the top roller or initial alignment error in installation is fully absorbed by the **“JPMA MILL ROPE COUPLING”**, As a result no significant lateral thrust or bending moment is transmitted to the final gear.
4. Abnormal wear of the final gear is eliminated and transmitted only pure torque with negligible axial and radial forces resulting in considerable increase in the life of the gear. Gear and mill bearing will also last longer.
5. Reduced torque and power consumption of the mill. With **“JPMA MILL ROPE COUPLING”**, there is no loss of torque and power consumption of the mill. The Conventional square coupling and tail bar cause considerable loss of torque. Since the **“JPMA MILL ROPE COUPLING”** removes the constraint on free floating of the top roller, the mill is able to operate with reduced friction losses and this additionally contributes to further saving in operating torque requirement of the mill.
6. **“JPMA MILL ROPE COUPLING”** is particularly advantageous when the space between the gearbox and mill is limited.
7. Negligible maintenance, the only maintenance on **“JPMA MILL ROPE COUPLING”** is quarterly rotation of the ropes. No off-season maintenance, no reworking or re machining of any component is required as is the case with square coupling.
8. Special series of GRPF.



“JPMA MILL ROPE COUPLING” order financial year wise



WIDE RANGE OF MILL ROPE COUPLINGS

Wide array of products that fulfill the exact requirements of customer. The different design of JPMA Mill Rope Couplings are developed to suit different Mill size & specific requirements.

- ✓ We can design coupling from 100 KNm to 4000 KNm torque.
- ✓ Supplied wide range of mill coupling with Gap distance between square ends from 450 mm to 3200 mm.
- ✓ We have supplied “JPMA MILL ROPE COUPLING” suitable for mill sizes from Ø12”x 18” to Ø55”x 110”.

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