



**WE  
MAKE  
THINGS  
MOVE**

# Hindustan Hardy Spicer Ltd

Pioneer in Propeller Shaft, Double Cardan Shaft and Universal Joint Kits



# OVERVIEW AND HISTORY

We are one of the leading global manufacturers of propeller shafts, double cardan shafts, universal joints and related components.

For over 50 years, we have been supplying durable and high quality propeller shafts for a wide range of applications ranging from commercial vehicles to off-highway equipment to numerous industrial applications.

Our factory is located in Nashik, Maharashtra. We manufacture propeller shafts in the Hardy Spicer 1100 to 1800 Series as well as GWB Compact 2000 Series. Our customers include several leading global players in the commercial vehicle, tractor, construction equipment, off-highway and industrial sectors. Over 30% of our production is exported.

Company's name changed to Hindustan Hardy Spicer Limited

*To align the company with GKN Group, the company's name was changed to include that of its collaborator*

Technical license from Hardy Spicer (UK) & Gelenkwellenbau (Germany) of GKN Group

*Initially, propeller shafts and related components were manufactured under the XLO umbrella*

1961

1985

Formation of XLO-GWB Cardan Shafts Limited at Nashik

*In collaboration with Gelenkwellenbau, Germany, the propeller shaft product was separated into a distinct company, XLO-GWB Cardan Shafts Limited. After the expiry of the earlier collaboration agreement in 1993, the company entered into collaboration with GKN Hardy Spicer Ltd, UK*

1994

1995

Certified To ISO 9002 Standard

2003

Started supplying Land Rover shafts and components to the world's largest aftermarket distributor

*This was the Company's first large export customer with sales in all 5 continents*

2004

TS 16949, ISO 9001:2000 Certification & ISO 14001 EMS Certification

Major breakthrough for exports.  
Started supplies to European plants  
of a major global OEM

*This was a landmark moment for the  
company as supplies commenced to  
construction equipment and tractor  
plants of Case New Holland*

2005

Successful development of  
Double Cardan Shaft for  
automotive application

2010

TAFE Best Supplier  
Award

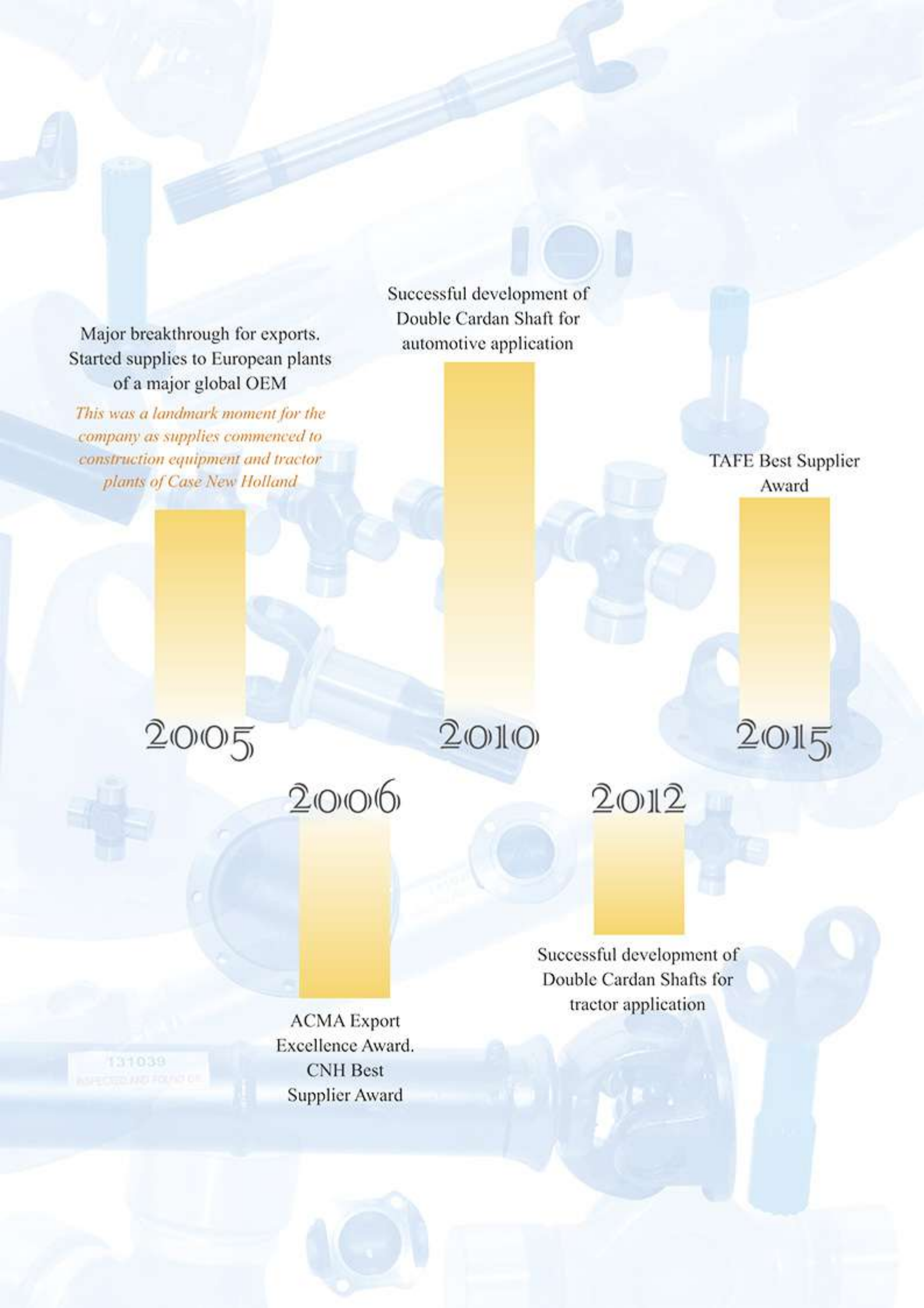
2015

2006

ACMA Export  
Excellence Award.  
CNH Best  
Supplier Award

2012

Successful development of  
Double Cardan Shafts for  
tractor application



# OUR PRODUCTS



## PROPELLER SHAFTS

We manufacture the full range of propeller shafts suitable for a wide range of applications.

- Hardy Spicer 1100 to 1800 Series
- GWB 2045, 2055, 2060 Compact Series

*We can provide propeller shafts with SAE, DIN or T-serrated end fittings. We also customise shafts to meet your exact requirement. Our highly flexible manufacturing process means we are able to cater to all volumes – both large and small.*

## DOUBLE CARDAN SHAFTS

Our shafts are designed to withstand extreme working conditions and allow high continuous angles at high operating speeds. Our testing facility has the capability to test these shafts under a wide range of simulated working conditions.

*We are one of a handful of companies' worldwide manufacturing double cardan shafts.*

*We have successfully helped several of our off highway and agricultural customers substitute imported double cardan shafts with our indigenously manufactured ones. Our shafts are used in vehicles for both the Indian and international market.*

*We have also developed double cardan shafts for all-terrain vehicles.*



## UNIVERSAL JOINT KITS & OTHER COMPONENTS

We also supply standalone universal joint kits and other components to cater to your after sales needs. Our superb manufacturing process enables us to conform to the strictest of quality norms and we export a large percentage of these standalone components to US and European markets.

*We can supply the UJ kits in either greasable or LFL (lube for life) versions*



# APPLICATIONS & CUSTOMERS

## AUTOMOTIVE

At HHSL we have decades of experience in designing and manufacturing propeller shafts for all types of vehicles. Our products are known for their efficient, safe and durable performance on the road even under trying climatic and terrain conditions. Our products require minimal maintenance and we also offer lube-for-life products.

### Customers -

**Britpart, Dana, Force Motors Ltd, Swaraj Mazda Ltd, Vehicle Factory - Jabalpur, Volvo Eicher Commercial Vehicles**



## OFF HIGHWAY & CONSTRUCTION EQUIPMENT

Our shafts are designed and built to withstand even the most trying operating conditions. Off-highway vehicles and construction equipment have to withstand uneven loads, rugged terrain, rapidly varying torques and speeds and heat, dust and humidity. With our product, your vehicle is guaranteed to perform in the face of all these adversities.

### Customers -

**Ajax Fiori, Atlas Copco, Bharat Earth Movers, Case New Holland, Komatsu, Volvo Construction**



## AGRICULTURAL

We supply shafts for self-propelled farm equipment, implements and attachments to the leading global manufacturers. Our products have withstood the wettest of soil conditions and have proven their mettle over a wide range of geographies.

### Customers -

**Case New Holland, International Tractors, Tafe**



## INDUSTRIAL

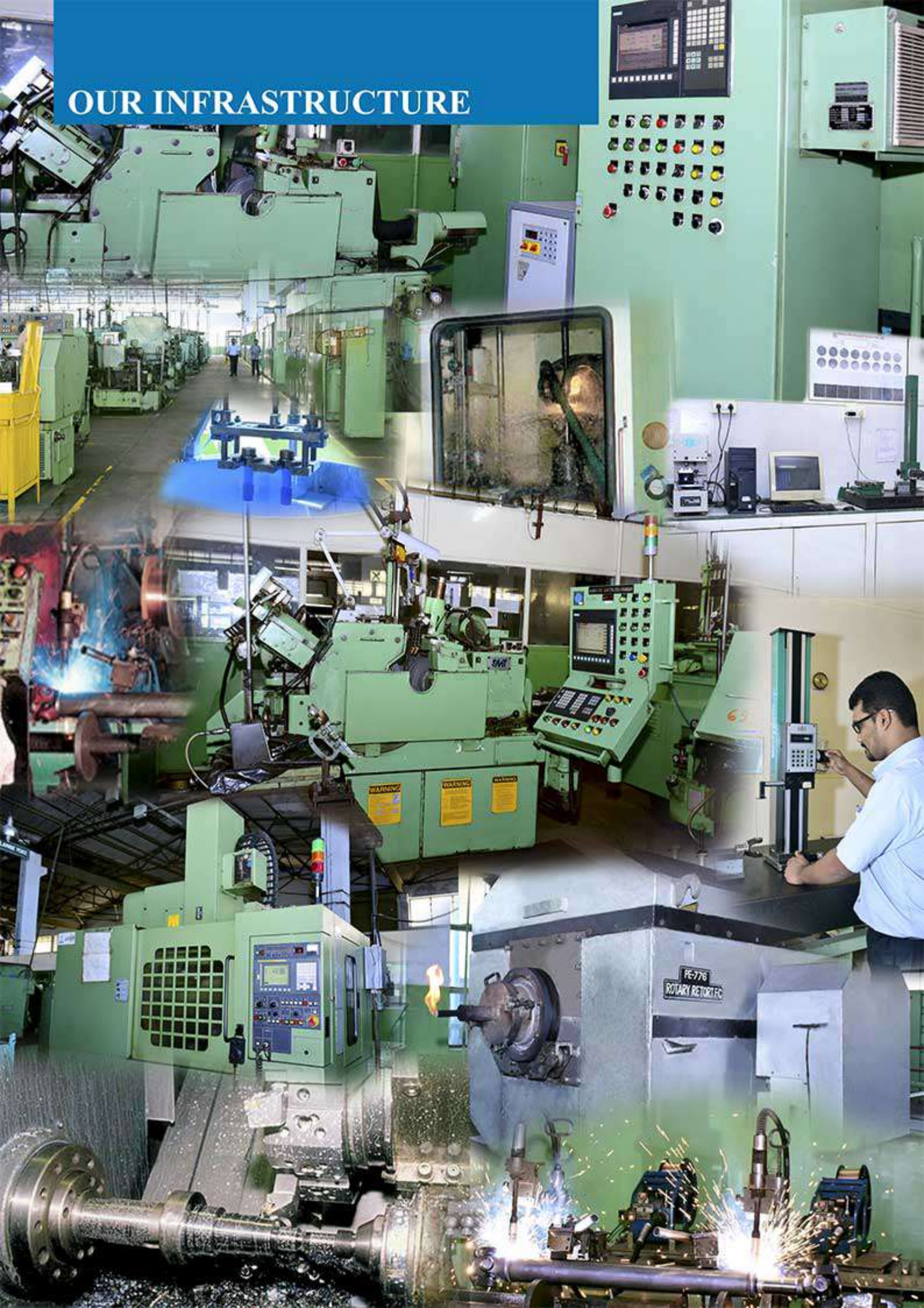
Our years of experience in process industries ranging from food production to steel and paper mills; in delivering power from stationary engines, electric motors and turbines; and in meeting the demands of the rail industry mean that we can design a propeller shaft to suit any industrial application. Our flexible manufacturing process enables us to fulfil all volumes of requirements with minimal lead time.

### Customers -

**Bevcon Wayors, CMI FPE, Esmech, Godrej & Boyce, Jindal Iron and Steel Company, Manugraph Industries Ltd, Saj Test Plant, Steel Authority of India Ltd, Tata Iron and Steel Company**



# OUR INFRASTRUCTURE



# OUR COMMITMENT



Our longstanding commitment to quality, service and customer satisfaction has earned us a loyal customer base, both in India and overseas. We pride ourselves on supplying durable and reliable propeller shafts to fulfil every customer need. We work closely with each and every customer to develop a clear understanding of their individual requirements—and then deliver the optimum solution accurately engineered to meet their specifications.

Our state of the art factory is spread over 40,000 sq. meters of land.

- Our advanced machine shop is equipped with modern SPMs for all critical operations
- We have an in-house heat treatment facility with excellent process controls
- Our assembly section has modern balancing machines with CNC controls and a sophisticated paint booth
- We also have a fully fledged in-house R&D facility with capability for load life, torsional static and fatigue and mud-bath testing

Utmost focus on quality assurance is at the core of our corporate philosophy and this is visible in all aspects of our operations. We are a TS 16949 and ISO 14001 EMS certified company. We are able to meet the most stringent of quality norms.

We also believe that people are the backbone of any organisation. We have a team of over 200 talented individuals who are committed to working towards fulfilling the needs of every customer. Our team is constantly undergoing training to keep them at the leading-edge of new developments to enable us to better serve you.

**IRCLASS**  
SYSTEMS AND SOLUTIONS PRIVATE LIMITED

**CERTIFICATE OF APPROVAL**  
Issued by Indian Register Quality Systems  
(A Division of IRCLASS Systems and Solutions Private Limited)

This is to certify that the Environmental Management Systems of

Organisation: Hindustan Hardy Spicer Limited  
Address: C-12, Additional Industrial Area,  
Ambad, Nashik - 422 010,  
Maharashtra, India

has been assessed and found conforming to the following requirement

Standard: ISO 14001:2004

Scope: Manufacture and Dispatch of

- Propeller Shafts and Universal Joint Assemblies
- Components for Propeller Shafts and Universal Joint Assemblies

Certificate No.: IRQS/1630513

Original Certification Date : 02/06/2004  
Current Date of Granting : 04/07/2016  
Expiry Date : 14/09/2018

Shashi Nath Mishra  
Head IRQS

Indian Register Quality Systems

NABCB  
EM 005

This approval is subject to continued satisfactory maintenance of the Environmental Management System of the organisation to the above standard, which will be monitored by IRQS. The use of the Accreditation Mark indicates accreditation with respect to activities covered by the certificate with accreditation no. EM 005.  
Head Office: 52A, Adil Shankaracharya Marg Opp. Powai Lake, Powai, Mumbai - 400 072, India.

**BUREAU VERITAS**  
Certification

**Certificate of Approval**  
Awarded to

**HINDUSTAN HARDY SPICER LTD.**

Plot No. C-12, M.I.D.C., Addl. Industrial Area,  
422010 - Ambad, Nashik - Maharashtra India

Bureau Veritas Certification certifies that the Quality Management System of the above organisation has been audited and found to be in accordance with the requirements of

**ISO/TS 16949:2009**  
and the applicable customer specific requirements

SCOPE  
Design and manufacturing

PERMITTED EXCLUSIONS)  
None

PRODUCT(S) DELIVERED  
PROPELLER SHAFT ASSEMBLY, UNIVERSAL JOINT KIT  
ASSEMBLIES AND PROPELLER SHAFT COMPONENTS

Date of certification: 18 May 2016  
Date of expiration: 14 September 2019  
Bureau Veritas Certification Certificate N°IND 1742678  
0137 Compliance N° 238794

Shashi Nath Mishra  
Head IRQS

For more information, please contact Bureau Veritas Certification. Bureau Veritas Certification is a member of the Bureau Veritas Group. The official website is: www.bureauveritas.com. The official document is in English. All other languages are translations and not for reference only.

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Spicer**

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Visit us at Website: <http://www.hhsl.net>