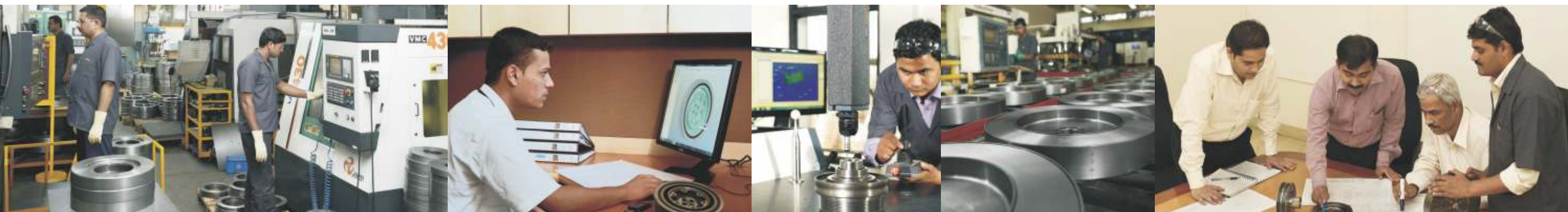


## Torsional Vibration Dampers



### LET US KNOW YOUR CHALLENGES!

We promise effective solutions.

With more than three decades of experience and a drive towards excellence, today, Hodek Vibration Technologies Pvt. Ltd. is Asia's leading manufacture of Torsional Vibration Damper for engines. We design and manufacture dampers for cars, light and heavy commercial vehicles, tractor, industrial and earthmoving equipment and marine propulsion units..

Hodek's keeps the promises made to clients. We deliver exceptional quality dampers on time as per your quantities.

The 300 strong intelligent and competent workforce at Hodek are the backbone of our company and rise to any challenge given towards design and manufacture for world class dampers.

#### PRODUCTION CAPACITY

**Rubber Vibration Damper**  
120,000 p/m by October 2012

**Viscous Vibration Damper**  
23,500 p/m by February 2013



### OUR MISSION

To do the right things in the interest of Nation by providing innovations for all and with the involvement of the people.

At Hodek people stand for

**R**esponsible  
**E**thical  
**S**olution oriented  
**P**utting organization over self  
**E**ntrepreneurial  
**C**ustomer focused  
**T**reat all as equal

### OUR CLIENTS

Developing and manufacturing high quality customized technical solutions and dampers for specific requirements is Hodek's reason for success. Some of our satisfied clients are-

- Ashok Leyland Ltd.
- Bharat Earth Movers Ltd.
- FIAT India Automotive Ltd.
- Cummins India Ltd.
- Force Motors Ltd.
- Cummins UK
- International Cars and Motors
- Cummins USA
- Mahindra and Mahindra Ltd.
- Cummins Engine Co
- Mahindra Navistar Engines Ltd.
- Greaves Cotton Ltd.
- Nissan Ashok Leyland Ltd.
- Kirloskar Oil Engines Ltd.
- Tata Cummins Ltd.
- Wartsila India Ltd.
- Tata Motors Ltd.
- Volvo-Eicher Commercial Vehicles Ltd.

### HODEK VIBRATION TECHNOLOGIES PVT. LTD.

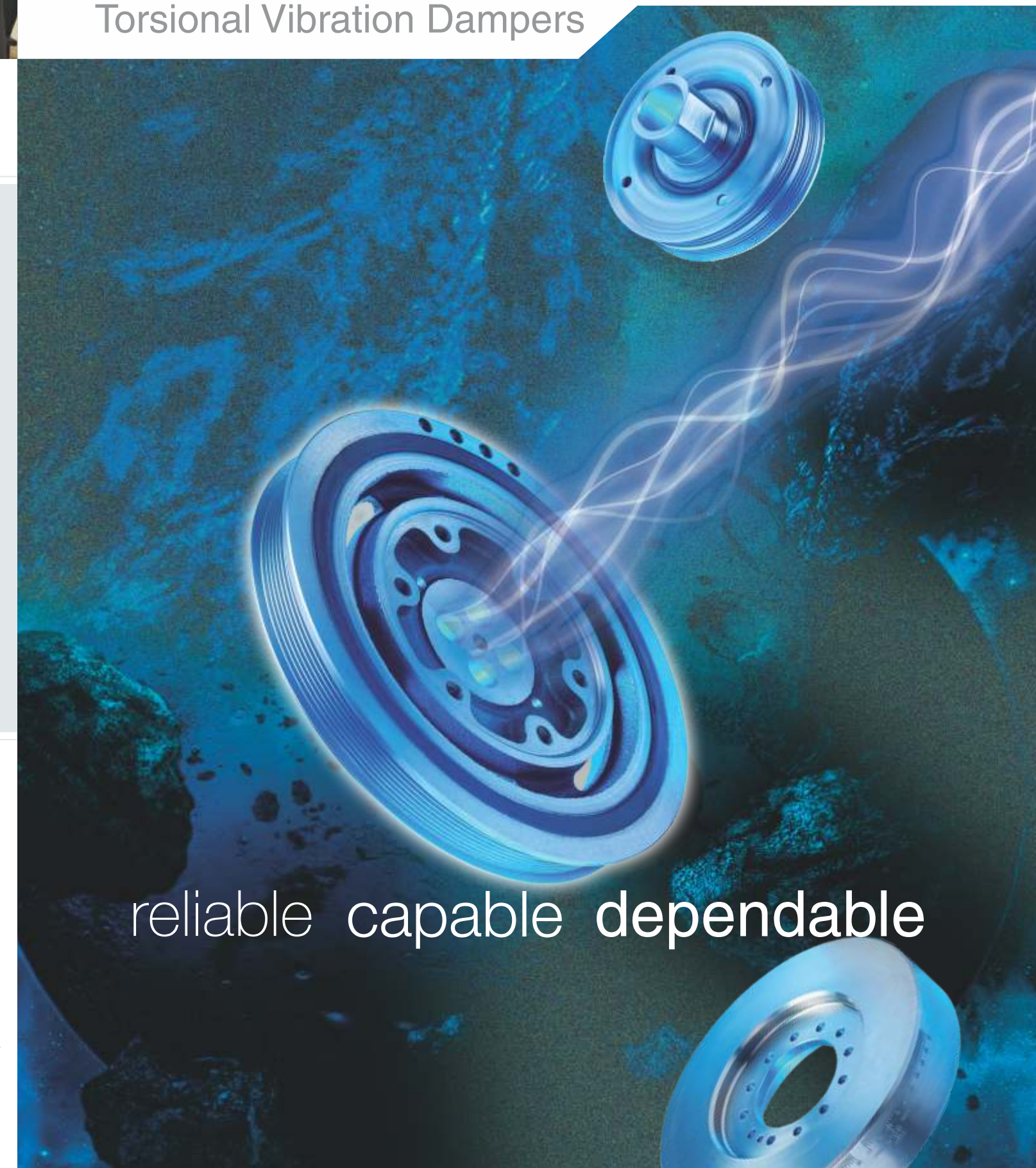
**Pune Regd. Office & Factory**  
At Post Sahajpur, Nandur Road,  
Taluka Daund, Dist. Pune - 412 202.  
Phone: +91 2119 242184 / 242111

**Pune Office (For courier and postage)**  
102, Leela Chambers, Pune Satara Road,  
Pune - 411 037.  
Phone: +91 20 2421 9335 / 2421 9336

**Dharwad Factory**  
Plot No 502 / 503, Belur Industrial Area, Dharwad,  
Karnataka - 580 011.

[www.hodekindia.com](http://www.hodekindia.com)

reliable capable dependable





**We are ready for the long haul!**

Modern diesel engines are designed, keeping in mind the demand for bigger, tougher loads and quicker turn-around time for both, on and off-highway vehicles. These engines need increased cylinder pressures, turbo charging, reduced weight-to-power ratio and lesser number of gears. This, in turn, results in increased torsional vibrations, leading to greater fatigue levels of the crankshaft.

Torsional Vibration Dampers provides protection to the gear train, accessory drive, key-way shaft and most importantly the crankshaft. A well designed and manufactured Vibration Damper from HODEK VIBRATION TECHNOLOGIES LIMITED reduces the chances of premature crankshaft failure and keeps you safe for the long haul ahead.

### OUR PRODUCT RANGE

**Hodek can customize the damper sizes and manufacturing process as per your specific requirements. Our product range so far has been-**

#### Standard Rubber Vibration Damper

Hodek manufactures a variety of Rubber Vibration Dampers, of sizes ranging from 5 inches (127 mm) to 16 inches (406 mm).

#### Integral Rubber Vibration Damper

Integral rubber vibration dampers are an innovative solution to modern compact diesel engines and at present Hodek supplies 7 such variants to major OEMs in India.

#### Viscous Vibration Damper

Hodek's variety of Viscous Vibration Dampers ranges from sizes of 6 inches (150 mm) to 26 inches (650 mm).

#### Bolted Type Viscous Vibration Damper

Hodek is one of the major manufacturers of Bolted Type viscous vibration dampers in India. The size ranges from 26 inches (650 mm) to 35 inches (890 mm).



### WE ARE IN SYNC WITH YOU

**Great performance and handling.**

As the largest manufacturer of Vibration Dampers in India, Hodek is fully geared to provide a wide range of cost effective and extremely reliable products in large numbers, with consistently high quality. Our products offer-

Consistent and high damping

Longer life and no aging of components

Low lifetime cost of ownership

Lower weight and small sizes

Ability to withstand high temperatures



### TELL US WHAT YOU REQUIRE!

**Our dampers are custom made to your systems!**

Hodek's engineering department and the extensive in-house R & D facilities have much experience and expertise in analysis of complex engine dynamics for small passenger cars to heavy trucks, generator sets, marine propulsion units, earth moving equipments and other high power vehicles.

The Hodek range of dampers use a variety of material as the damping medium. We can customize the manufacturing process as per our clients' material requirement. We can design dampers in cast iron, SG iron, and sheet metal.

Our advanced simulation techniques for damper design make possible extremely efficient and cost effective damper solutions for crankshaft protection, reduced gear wear and lower engine noise. Our state-of-the-art test equipments for verification and validation enable Hodek to achieve precise calculations and defined dampening properties.

Our latest testing and diagnostic methods and processes at our factory and on-site go great lengths to prepare your vehicle for the long haul.

All these technologies are effectively deployed by our experienced R & D think-tank and well supported by engine experts from around the world.

What's more? Our special "Turbo" Development process enables Hodek to develop and submit prototype samples in minimum lead times so that our customers can rest assured that their Damper design will be completely taken care while they concentrate on other engine component development.



reliable capable dependable

### SET YOUR STANDARDS

**Our quality will match them all.**

Strict excellence standards, well-engineered technologies and latest measurement techniques throughout Hodek's production process guarantee that the finished damper's quality will exceed your expectations.

Hodek has following certifications to its credit -

- ISO 9001
- ISO/TS 16949
- ISO 14001

### LAY DOWN YOUR DELIVERY SCHEDULES!

**We guarantee no line stoppages !**

Hodek runs on the motto "capacity ahead of demand". Our efficient and streamlined supply chain and production processes absorb fluctuations so that we guarantee that there will be no line stoppages.

Our delivery rating to all our customers is 100% since the last two decades for all our customers from India and abroad. We have received awards for "best supplier for delivery" from major OEMs as a testimony to our quality and competence.

Hodek is further expanding production capacity by setting up another latest technology driven manufacturing plant with a capacity of 40,000 Rubber Vibration Dampers and 20,000 Viscous Vibration Dampers over the next 10 months to cater to the ever growing requirements of our satisfied customers.

Hodek understands that the erratic market requirements are a challenge for the customers. We translate this understanding into action by being flexible and undertake an order irrespective of volume. We can customize and adapt the production line for lowest to the highest volume as required by the customer.

