

# NEWS THIS WEEK

STORIES THIS WEEK FROM THE WORLD OF AUTOMOTIVE



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INNOVATORS IN  
THE AFTERMARKET.

## TRESA MOTORS APPOINTS VINOD DASARI AS CHAIRMAN

Tresa Motors has appointed Vinod K Dasari as the Chairman of the Board. Vinod's vast experience and exemplary track record in the automotive sector make him the perfect choice to lead Tresa Motors into a promising future.

At the company's helm, Dasari will spearhead the company's strategic direction, drive innovation, and foster synergies within the organization. With his extensive domain expertise, he will play a pivotal role in reinforcing Tresa Motors' position as a leader in the electric trucking business.

"We are thrilled to welcome Vinod K Dasari to the Tresa Motors family," said Rohan Shravan, Founding CEO, Tresa Motors. His remarkable accomplishments and profound insights in the automotive sector make him a critical resource for our growth journey. We are confident that under his leadership, Tresa Motors will reach new heights of success, delivering innovative EV solutions to meet the evolving needs of our customers."



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## PORTER ANNOUNCES RESTRUCTURING OF KEY LEADERSHIP



Pranav Goel

Uttam Digga

Shruti Ranjan Satpathy

Porter announces restructuring of its key leadership. Embarking on a transformative journey to fortify its commitment to the core purpose of 'Moving a billion dreams, one delivery at a time', Uttam Digga, Co-Founder of Porter, assumes the role of Chief Executive Officer, while Pranav Goel, transitions to the role of Executive Vice Chairman. Shruti Ranjan Satpathy gets additional responsibility and takes the role of Chief Product & Technology Officer.

Mr. Pranav Goel, Executive Vice Chairman said, "Throughout our journey, we have achieved remarkable milestones, positioning Porter as one of India's leading logistics companies."

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## HENDRICKSON LAUNCHES AIR AND MECHANICAL SUSPENSIONS AND AXLES FOR TRAILER APPLICATIONS IN INDIA

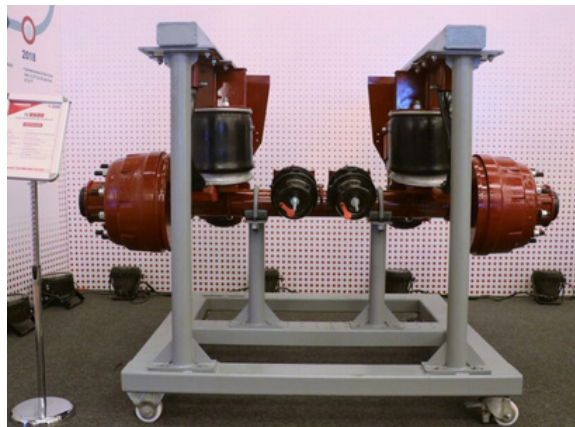
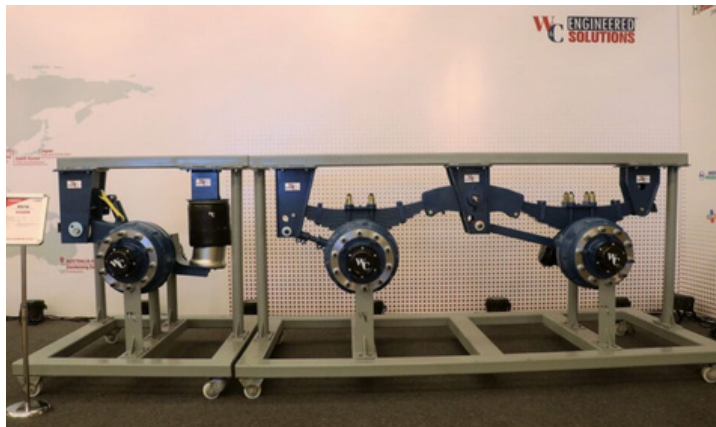
Hendrickson, a leading global manufacturer and supplier of medium and heavy-duty mechanical, elastomeric and air suspensions, integrated and non-integrated axles, and other commercial vehicle systems, has launched its innovative air and mechanical suspensions and axles for trailer applications in India. With a rich legacy of 110 years in driving technology, design, and innovation, Hendrickson continues to set new benchmarks in providing



(From left) Gerry Remus, VP / GM - Truck Commercial Vehicle Systems, Richardo Martin, VP - International Operations, Matthew Joy, President & CEO, Hendrickson, and Mohit Khosla, Whole-time Director & CEO, Hendrickson India.

customized components and suspension systems for the global commercial transportation industry.

Hendrickson (a Boler Company) forayed into India in 2006 through a Joint Venture with Tata AutoComp Systems and in 2011, incorporated a 100% subsidiary named Watson & Chalin India Pvt Ltd to expand its manufacturing footprint for truck and trailer products and serve as a manufacturing base to support global customers in Europe, Middle East and Asia.



Hendrickson presently has sales and distribution facilities and/or state-of-the-art manufacturing and research and development centers in the United States, , Canada, Mexico, Colombia, United Kingdom, Germany, Austria, Romania, France, Poland, Turkey, India, China, Japan, Thailand, Australia and New Zealand.

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Bearings that help your business accelerate!



CK BIRLA GROUP nbc

# PERFORMANCE THAT CONTINUES TO SET A NEW BENCHMARK





## BENGALURU'S PUBLIC TRANSPORTATION TO ADD A NEW DIMENSION; **BMTC** TO INDUCT ADVANCED ELECTRIC BUSES



The citizens of Bengaluru will now have smarter, safer and a greener public transportation. A prototype of the Tata Motors' smart electric bus was flagged off today, by Shri Ramalinga Reddy, Hon'ble Minister of Transport, Government of Karnataka, Dr. N. V. Prasad, IAS, Secretary to Government, Transport Department and Ms. G Sathyavathi, IAS, Managing Director, Bengaluru Metropolitan Transport Corporation (BMTC) along with delegates from Government of Karnataka, BMTC and Tata Motors.

As part of the larger order signed between TML Smart City Mobility Solutions Ltd., a fully owned subsidiary of Tata Motors, and BMTC, the company will supply, operate and maintain 921 units of state-of-the-art 12-metre low-floor electric buses for a period 12 years. Tata Starbus EV is an indigenously developed bus with superior design and best-in-class features for sustainable and comfortable commute.

Commenting on the announcement, Ms. G Sathyavathi, IAS, Managing Director, Bengaluru Metropolitan Transport Corporation, said, "Meeting the high-quality benchmark, we are elated to flag off Tata Motors' electric bus prototype. The advanced features and impressive performance of the electric bus align perfectly with BMTC's commitment to reducing our carbon footprint and improving the quality of life for our citizens. We look forward to supplementing our fleet with Tata Motors' new, smart electric buses."

Speaking at the occasion, Mr. Asim Kumar Mukhopadhyay, CEO and MD, TML Smart City Mobility Solutions Limited said, "We are delighted to see our first smart electric bus get flagged off in Bengaluru. For decades, Tata Motors' advanced research and development facilities have meticulously created offerings that are cutting-edge and eco-friendly. The bus flagged off today is equipped with state-of-the-art features and ergonomic design, providing commuters a hassle-free travel experience. We are confident that our electric buses will make public transportation safe, comfortable and energy efficient."

The Starbus EV boasts a top-of-the-line design, advanced safety features and a powerful, energy-efficient electric drivetrain. With zero tailpipe emissions, the e-bus contributes significantly to reducing air pollution and mitigating the impact of climate change.

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# INTRODUCING **FLYWHEEL**

from World's leading MHCV  
**CLUTCH MANUFACTURER**



Ultra Sonic Cleaning  
Machines for Mirror Finish



High Pressure Molding  
for Long Life



Butt-Welding for  
Ring Gear Production



Imported Crack Detection  
Machines for Crack  
Free Delivery



DRIVEN BY  
**INNOVATION**  
**DESIGN**  
**TECHNOLOGY**



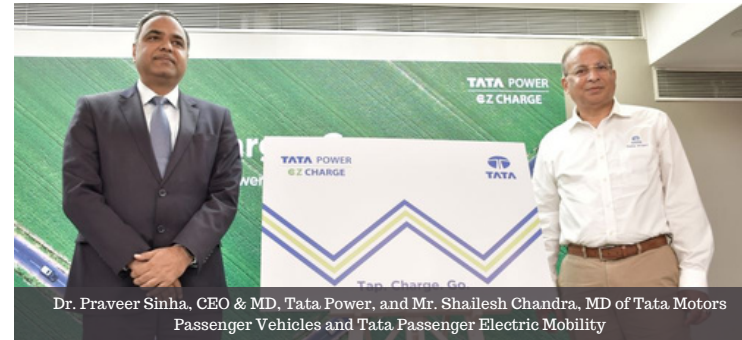
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...LIFE FOR LIFE

## TATA POWER REVOLUTIONIZES EV CHARGING EXPERIENCE; LAUNCHES RFID ENABLED 'EZ CHARGE' CARD



Dr. Praveer Sinha, CEO & MD, Tata Power, and Mr. Shailesh Chandra, MD of Tata Motors Passenger Vehicles and Tata Passenger Electric Mobility

Tata Power, one of India's largest and fastest growing EV charging solutions provider, has unveiled the EZ CHARGE card, an advanced RFID (Radio-frequency identification) card that promises to redefine the EV charging experience for lakhs of electric vehicle (EV) owners across the country.

The EZ CHARGE card, launched at the Bombay House by Dr. Praveer Sinha, CEO & MD, Tata Power, and Mr. Shailesh Chandra, MD of Tata Motors Passenger Vehicles and Tata Passenger Electric Mobility. The card offers unparalleled convenience with its Tap, Charge, and Go functionality. The RFID card features a built-in chip that enables efficient, secure, and seamless initiation of charging sessions and payment for same.

Based on their pre-set recharge value, users can automatically begin the charging process by simply tapping the EZ CHARGE RFID card on the Tata Power EZ charger. Once the vehicle is charged, EV owners can embark on their journeys with ease and confidence.

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## ANAND GROUP TIES UP WITH SHRI VISHWAKARMA SKILL UNIVERSITY TO PROVIDE 'EARN-WHILE-LEARN' FOR OPERATING ENGINEERS

ANAND Group, a leading manufacturer of world-class auto components and systems, has signed a MoU late last week with Shri Vishwakarma Skill University (SVSU), Haryana to allow its operating engineers to pursue a B. Tech in Mechanical and Smart Manufacturing to support their careers within the industry and beyond.

The programme will help the Group's working professionals continue higher education through application-based learning under the 'Earn-while-Learn Dual Education' model. The three-year course is an All-India Council for Technical Education (AICTE) approved programme and supported by the Government of Haryana.

The initiative is titled H.O.P.E or Higher Education for Operating Engineers.

The MoU between ANAND and SVSU was signed in the presence of Mr. Anand Mohan Sharan (IAS), Additional Chief Secretary, Higher Education, Directorate of Technical Education, and Department of Industries and Commerce, Haryana, who called the new programme as "a trend-setting pilot for academia-industry-government collaboration" to help India's workforce meet the future growth of the country's expanding manufacturing sector.

At the launch of the programme at the MAHLE ANAND Filter Systems (MAFS) plant in Khandsa, Haryana, Mr. Sharan further said: "Every employee at some stage wants to pursue higher education and this initiative by ANAND Group meets those aspirations."

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## TIVA Launches 28 CUM 3A Air & Mechanical Suspension Tip Trailer



### Key Features

- ▶ Smooth and precise handling
- ▶ Distinguished material and manufacturing to improve payload and fuel efficiency
- ▶ Extraordinary design, body and shape for proper load distribution and easy off-loading

### Specifications

Chassis	All steel welded construction. 2 Nos. main longitudinal members are high strength lighter weight Parallel Flange Beam of IS2062/ Equivalent grade steel running along full length of the trailer
Axles	3 Nos. 13T Axles. Front axle with pneumatic operated lifting mechanism
Suspension	Front side air suspension 01 No. & Rear side 16T mechanical suspension
Brakes	ABS Activated twin line air brake system coupled to tractor brake system

### Trailer brakes are actuated from tractor

#### Manufacturing facilities

**Khed, Pune**  
Gat No: 281 & 284,  
Santosh Nagar, (Bham)  
Khed, Pune - 410501

**Chakan, Pune**  
S. No. 961  
Nighoje Chakan,  
Taluka Khed, Pune - 410501

**Jamshedpur**  
Plot No. 336, 338-340  
385-387, 586, 587  
Mukhiyadanga, Bhilai Pahari,  
PS MGM, Jamshedpur - 831012

**Ajmer**  
Plot No. E-1  
RIICO Industrial Area,  
NH 79A, Ajmer - 305025

#### Contact for sales & service

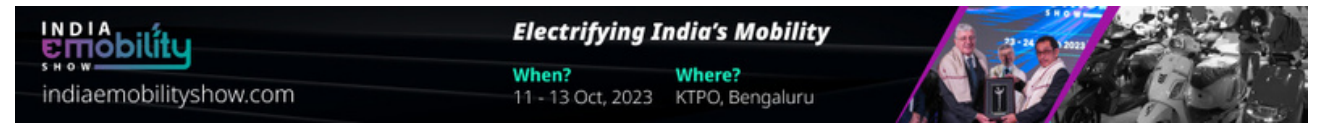
**Toll free: 1800 2666 544**

☎ Sales: 090110 15803

☎ Service: 089564 35685

✉ sales@tivatrailers.com

🌐 www.tivatrailers.com



# EXPONENT ENERGY SHOWCASES PATENTED 'WATER-BASED' OFF-BOARD THERMAL MANAGEMENT SYSTEM



Exponent Energy, an energy-tech startup unveiled the tech behind its 15-minute rapid charging solution for the EV industry. Exponent showcased its proprietary energy stack – battery pack (e<sup>^</sup>pack), charging station (e<sup>^</sup>pump) and charging connector (e<sup>^</sup>plug) that together unlock a 15-minute rapid charge, and long battery life (3000 cycle life warranty, 3 times the industry standard) – all done on regular LFP cells for the first time in history.

Rapid charging kills range anxiety and the need for expensive, oversized battery packs. With this unique two-sided approach, EVs powered by exponent will be 30% more affordable, made possible by an optimised battery capacity (30% smaller), and 5 year financing (powered by

3000 cycle life warranty). Additionally, 15-minute rapid charging reduces EV charging cost by 33%.

Exponent's energy stack addresses two key problems that, for decades, prevented rapid charging on LFP cells – Lithium plating and Extreme heat.

When charging a cell, Li-ions flow from the cathode to the anode and get absorbed. The faster you charge, the more ions flow, leading to crowding around the anode. If left unchecked, this crowding leads to lithium plating, resulting in significant cell degradation. Exponent solves this through a combination of their Battery Management System (10 times more accurate than industry standard), Virtual Cell Model and Dynamic Charging Algorithms. This allows them to proactively sense Lithium crowding in real-time and ensure each cell is rapid charged without significant degradation.

This approach was validated by an independent testing laboratory – TUV India (TUV Nord Group, Germany) that found only 13% degradation after 3000 charging cycles of 15-minute rapid charging.

15-minute rapid charging generates a ton of heat. 256 times more than the industry average of 4 hour charging. If this heat isn't extracted, the battery pack would overheat and switch off.

Furthermore, in India, the ambient temperature is 40°C or higher and Li-ion cells have a far lower thermal sweet spot of 25-35°C. To solve this, we need advanced HVAC systems, which are both bulky & expensive. Additionally, this level of heat is generated only when one rapid charges an EV and not driving it.

Therefore, Exponent has built an advanced HVAC system that's "off-boarded" from the vehicle to its e<sup>^</sup>pump.



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