

March 12, 2026 // Bawal, Pfedelbach

10 years of TII in India: Heavy transport expertise for India and international markets

Ten years ago, TII India Pvt. Ltd. commenced production in Bawal, near New Delhi. The site began operations in 2015 with the assembly of pre-assembled modules and has since developed into an integral part of the TII Group's global value chain. With around 350 employees, a production area of 30,000 m² and several thousand axle lines delivered, the site has evolved into a strategic heavy transport hub serving customers in India and international markets.

From the outset, TII India was fully integrated into the TII Group's global production network and operated according to the same quality standards as the German facilities. This early alignment created the basis for its international market integration and positioned Bawal as a strategic manufacturing location within the TII Group. "When we started in 2015, our focus was on building a stable industrial base with the highest standards. Today, Bawal is a central pillar of our global strategy," explains Miguel Fernandes, Managing Director TII India. "We have evolved from a production site serving the Indian market into an internationally connected heavy transport hub."

A globally deployable modular system

At the heart of this development is the modular SCHEUERLE K25 system. As a comprehensive modular platform solution, it forms the technical basis for a wide range of heavy transport applications, from infrastructure and energy projects to large-scale industrial components.

Depending on market requirements, the modules are configured to comply either with national regulations or internationally recognized homologation standards. Since 2022, TII India has also been manufacturing variants that meet UNECE requirements, enabling deployment in highly regulated markets.

This provides customers with a globally deployable transport solution that can be configured according to project-specific and regulatory requirements without altering the fundamental technical architecture. This consistency reduces complexity, enhances investment security and strengthens the system's applicability across global markets. The K25 system is complemented by a broad range of additional components and project-specific accessories, allowing further applications and the implementation of individual transport requirements.

"Our goal is to offer a globally standardized transport solution that can be flexibly configured and expanded," says Fernandes. "This creates planning certainty and gives our customers the opportunity to further develop their applications on a stable and reliable technical foundation."



Technological development and milestones

In its early years, TII India set important technological benchmarks. In 2016, just one year after the company's founding, the Bawal site delivered its first telescopic SCHEUERLE Extender units for applications such as the transport of rotor blades of up to 62 meters in length, responding at an early stage to growing demand from the energy sector.

As engineering expertise expanded, projects with significantly higher payload capacities followed. In 2018, TII India delivered the first girder bridge manufactured in India for its customer Nabros Transport Pvt. Ltd., with a payload capacity of up to 500 tons. In 2019, a further girder bridge was supplied to Parabia Transport Pvt. Ltd., designed for payloads of up to 550 tons.

Projects in the 500-ton range marked a new dimension of technological capability. They represented a decisive step in the site's maturation and reinforced TII India's position as an engineering centre for demanding heavy transport applications in international markets.

Global presence - made in Bawal

Today, transport solutions manufactured in Bawal are not only in operation in India, but also across the Middle East, Southeast Asia, Latin America, Africa and Europe. "Trusted worldwide – that is now a reality," emphasises Filippo Baldassari, Managing Director of the TII Group. "The fact that around two thirds of TII India's revenue now comes from international projects highlights the strategic importance of this site within our global network."

Engineering, service and international network

With the opening of a new office in Pune in 2025, market presence has been further strengthened. Pune consolidates project engineering, sales and service activities for India and parts of Asia and works in close coordination with the production site in Bawal. The Bawal site also serves as a service hub for TII SCHEUERLE products in India and Southeast Asia. This structure shortens response times and enhances customer proximity from project planning through to after-sales support.

In recent years, Bawal has also developed into an important meeting point for international partners and dealers. Regular open house, partner and dealer events at the site bring together customers and sales partners from various regions. In addition to exchanging insights on current projects, discussions focus on product developments, market trends and technological innovation. These events underline the role of TII India as an active part of the global network – not only in production, but also in knowledge transfer and the strategic development of the brand.

The road ahead

Looking ahead, the TII Group sees significant growth potential in the region, particularly in the field of modular heavy transport systems. "The future belongs to modular solutions," underlines Filippo Baldassari. "As projects increase in size or complexity, scalable transport solutions that can meet a wide range of operational and regulatory requirements become essential."

For TII India, this means building on its engineering strength, further developing its modular transport systems and reinforcing its position in international markets.



Photos



From production start in 2015 to a global hub: The TII India team at the Bawal site represents modular heavy transport expertise from India for international markets.



Inside the production facility in Bawal: Heavy transport systems for the TII SCHEUERLE brand are manufactured here according to the same quality standards as at the German site in Pfedelbach.



Handover of the girder bridge to Parabia at the Bawal site: Designed for payloads of up to 550 tons, the project exemplifies the technological maturity and growing engineering expertise of TII India.



SCHEUERLE Extender units from the Bawal site: The vehicles are used for the transport of rotor blades.



Heavy transport project in India: iRISE moves a large-scale industrial component using modular SCHEUERLE K25 axle modules.



International project deployment in Saudi Arabia: Teamlifting transports a large-scale industrial component on modular SCHEUERLE K25 axle modules



Project transport in India: Bhagyodaya Transport Limited. moves a process vessel weighing approximately 450 tons for Fabtech on modular SCHEUERLE K25 axle modules.



Heavy transport project in Chile: OXA transports a TESMEC trencher machine for energy and infrastructure applications on modular SCHEUERLE K25 modules.



Dealer and partner events at the Bawal site: International sales partners and customers gather for open house events to exchange insights on product development, technological innovations and market trends.



Miguel Fernandes, Managing Director TII India, drives the international integration of the Bawal site and the continued development of modular heavy transport solutions for global markets.

Company profile

The TII Group, a company owned by the Heilbronn-based Otto Rettenmaier family, is a globally active manufacturer of heavy-duty and special vehicles and has a workforce of around 1000 employees. The Group includes industry specialists, TII SCHEUERLE and TII KAMAG, and has production sites in Germany and India along with a worldwide organisation of sales and service partners. With innovative vehicles for manoeuvring and transportation operations, the TII Group, which is listed in the index of world market leaders, supports its customers in the transport and logistics sectors, building industry, plant engineering, air and space travel, shipbuilding, energy, steel and mining as well as yard logistics for realising a wide range of complex transport tasks. The TII Group holds the current world record of over 23,000 tons for the transportation of extremely heavy loads on vehicles. TII stands for the tradition of innovation, customer orientation and partnership as well as for high product quality and sustainability in heavy-duty mobility.

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