The TII Group moves the world: Seventy percent of all transports over 3,000 tons and ninety percent of all transports over 5,000 tons are performed using vehicles by the TII Group.

With its brands SCHEUERLE, NICOLAS, KAMAG and TIIGER the group of companies has production sites in Germany, France and India as well as a production cooperation in North America (Florida). It assists and advises its customers with a globally active sales and service organization. Heavy-duty vehicles by the TII Group transport entire industrial plants, ships, submarines, oil and offshore platforms, turbine, construction machinery but also slag pots and ladles in the remotest corners of the world.

“For our customers, we bring around 400 years of experience in heavy-duty transport, accumulated by four companies, into play, thus securing their future economic success of tomorrow today.”

Senator E. h. Otto Rettenmaier, multi-entrepreneur and founder of the TII Group
As a full-range supplier, the TII Group offers a wide range of vehicles to move loads of all kinds, from the modular, self-propelled transporter (SPMT) to transport loads of 15,000 tons and more all the way to vehicles for stock handling in yard logistics.
POWERBOOSTER

OVERVIEW

POWERBOOSTER

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1. **Assist mode on transportation routes with gradients:** As soon as a tractor has no sufficient power anymore to manage the incline, i.e. the speed drops below 9 mph (14 km/h), the driving gear starts automatically, thus providing sufficient thrust.

2. **On public roads – as trailer combination:** Once the driving gear is switched off, the drive unit can achieve a speed of 50 mph (80 km/h) in the transport combination with truck tractor.

3. **For in-plant transports – agile and extremely flexible:** For in-house transports, the drive unit with PPU can be controlled as a self-propelled transport combination using a mobile control unit, negotiating bridges to safe unit weights or to operate through narrow corners and traffic circles with truck tractor.

4. **Mechanical “side-by-side” coupling:** A further possibility for the in-house transport is the mechanically coupled side-by-side combination. Due to the wide supporting base, payloads with a high centre of gravity can be transported.

5. **Mechanical “end-to-end” coupling:** The PowerBooster can be used as a traction unit at the front or as a thrust machine at the rear part of extremely long combinations (with or without decks). With all these different kind of possible combinations the PowerBooster is an all-rounder of the heavy duty transport.
INTERCOMBI PB
THE 360 DEGREE SOLUTION FOR HEAVY MODULAR TRANSPORT

AREAS OF USE
// On-site, on public roads, around the world

PAYLOAD
// Depends on combination

AVAILABLE VEHICLE TYPES
// InterCombi PB in all available vehicle variants with PPU Z230 / PPU Z390

ADVANTAGES
// PB vehicles can be towed at up to 50 mph
// At the destination, they can be remotely maneuvered as a self-propelled vehicle
// Additional power in drive mode can do without a second tractor unit
// PB vehicle modules can be coupled in a trailer combination
**K25 H PB**
*AT HOME ON-SITE AND ON PUBLIC ROADS*

**AREAS OF USE**
/ On-site, on public roads, around the world

**PAYLOAD**
/ Depends on combination

**AVAILABLE VEHICLE TYPES**
/ K25 H PB in all available vehicle variants with PPU Z230 / PPU Z390

**ADVANTAGES**
/ PB vehicles can be towed at up to 50 mph
/ At the destination, they can be remotely maneuvered as a self-propelled vehicle
/ Additional power in drive mode can do without a second tractor unit
/ PB vehicle modules can be coupled in a trailer combination
The SCHEUERLE HighwayGiant PB is tailored to the needs of North American customers. Transports in North America often pass through several states, covering great distances. If additional tractor units need to be carried along as a reserve, substantial additional costs are incurred. The use of the PowerBooster technology cannot only dispense with these tractor units but also makes it possible to move the vehicle by means of a remote control. Therefore, you can possibly do without a second loading process at the destination if the load needs to be taken to its final destination in a confined area.

**AREAS OF USE**
- On-site, on public roads, North America

**PAYLOAD**
- Depends on combination

**AVAILABLE VEHICLE TYPES**
- K25 H PB in all available vehicle variants with PPU Z230 / PPU Z390

**ADVANTAGES**
- Additional power in drive mode can do without a second tractor unit
- PB modules can be pulled using speeds of up to 60 mph (96 km/h) whereby the hydrostatic additional drive automatically disengages
- PB vehicle modules can be coupled in a trailer combination
- At the destination, they can be remotely maneuvered as a self-propelled vehicle
**COMBINATION OPTIONS**

**FULL FLEXIBILITY**

**Can be used in any combination**

PowerBooster vehicles of the TII Group can be coupled together in large groups of vehicles. They provide additional thrust for the entire vehicle combination and potentially save on additional tractors during transport operations. Depending on the size of the combination as well as the number of integrated PPU, the complete combination can thus be controlled like a self-propelled vehicle by means of a remote control. The connection to the tractor may be realized with a gooseneck or drawbar.
Available to you 24/7
SCHEUERLE, NICOLAS, KAMAG and TIGER have bundled their customer service for all brands and sites in the joint sales organization TII Sales GmbH & Co. KG. With a wide network of representatives and their own distribution centers, the TII Sales staff is available as your point of contact around the world. This guarantees comprehensive consulting on the spot, right from the start.

Benefit from us!
Whether you would like to convert an existing fleet or solve individual transportation issues – TII Sales offers the required expertise to always provide customers of the TII Group with the ideal solution. We recognize specific requirements, discuss them with you and promptly offer the best vehicles. In doing so, we will focus on the future together. How is the market developing, how can you change your existing fleet if needed, which accessories and expansions are worth considering to grow your business – TII Sales will advise you in all of these questions and provide you with the collective know-how of all four companies.
**Engineering hand in hand**

In close cooperation with developers and designers, the project engineers of the TII Group develop application-specific solutions. In close consultation with the customer, the respective requirements are first identified and analyzed with the customer. Then, we determine which modifications must be made on existing models or what a redevelopment needs to look like to meet all your needs.

**With you through all project stages**

Customers are continuously assisted by the sales team even when it comes to order processing. From proposal via project implementation all the way to delivery, you will be assisted by the TII Sales representative responsible for you. Members of the sales organization are traveling around the globe. They have a vast know-how of industries and an eye for individual solutions. They will be there for you whenever and wherever they are needed.

**Contact Sales**

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The service offered by the TII Group provides for global support during the entire service life of the vehicles. Service team members can be reached 24/7 via a free hotline. From the acceptance of new vehicles, training and instructions on the vehicle via modifications and overhauls all the way to repairs and the supply of spare parts, the TII Group offers all types of services to ensure the efficient operation of the vehicles for their customers worldwide. This range of services is complemented by accompanying support services. In particular, this includes financing support, procurement of used vehicles to other interested parties, consulting on planned transports as well as tailor-made service packages. Building on the specific product data, the documentation and operating instructions, training measures are performed on the product to address the customer's needs. An essential element of the service range also includes modifications and overhauls. With targeted measures, customers can ensure an even longer-term use of the vehicles acquired. Immediate support is ensured by the global cooperation with service partners and our own technicians. A well-assorted stock of spare parts facilitates prompt maintenance. The TII Group offers security of supply for spare parts and small accessories for the entire product range and the regular life cycle of a product, thus guaranteeing operational reliability for the user.

Contact Service

Phone: +49 7941 691 111
E-Mail: service@tii-sales.com
CAREER
AT THE TII GROUP

TII as an employer
The TII Group offers its employees opportunities that would not normally be available in major corporations. The international character of the business with heavy-duty vehicles – over 70% are exported worldwide – brings a cosmopolitan flair to the daily working life. A steelworks vehicle for Oman, a modular transport solution for Colombia, mining equipment for Australia.
At the TII Group, new employees notice from the very beginning that they are moving something on a global scale, both literally and figuratively. Joining the company is possible at all stages of life – the TII Group offers opportunities for trainees, students, young and experienced professionals.

Vocational Training
At the company’s in-house vocational training center, the TII Group provides apprenticeships in all professions typical for the industry. In the process, future construction mechanics, mechatronics engineers, product designers, industrial clerks and office clerks are not only provided with solid basic knowledge but also specialist knowledge. Due to insights gained in related departments such as design or project planning, apprentices at the TII Group get a glimpse of the bigger picture early on.

Cooperative studies, internships or final paper
Be it engineering, business management or computer science: The TII Group offers dual courses of study in cooperation with renowned colleges (DHBW). Furthermore, students often like taking the opportunity to gain their first professional experience through internships at the TII Group.

Starting out with and without professional experience
The TII Group offers attractive career options for qualified skilled workers, young professionals and professionals with years of experience. Be it as a skilled worker in production, as an engineer in design or as a manager in sales - dedication and performance are rewarded at the TII Group. Our global presence offers an interesting working environment, not only for members of the sales and service staff traveling around the globe. Flat hierarchies and open structures guarantee responsible, independent actions.

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