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| **Press Release** | February, 4th.2021 |
| Pfedelbach |

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| **Further development of the UltralightCombi series by SCHEUERLE: stronger, fully modular and yet still lightweight** |

**SCHEUERLE has continued developing the modular platform vehicles of its UltralightCombi series. The new versions now also allow the axle line combination 5+7 thus offering higher payloads. The proven functionality of the UltralightCombi axle lines is retained as is the ability to combine with existing transport equipment.**

The name of the series provides the answer: The modular platform vehicles of the UltralightCombi U10/U11/U12 series from SCHEUERLE, a subsidiary of the Transporter Industry International Group (TII Group), have been in particular weight-optimised and score highly with an extremely favourable payload-to-dead weight ratio. The tried and tested models have already set records in its vehicle market segment.

In the course of developing the product range even more, SCHEUERLE design engineers further optimised and lowered the operating costs of the vehicles. The significantly increased bending moment makes it possible to drive more axle lines. Up to now, the combination of a front bogie unit with four pendulum axles, one deck bridge and one rear bogie with six axles has been possible (combination description: 4+6), i.e. the most powerful version of the UltralightCombi. Now it is possible to realise a combination of 5+7 axle lines. This facilitates an even greater payload for the vehicle operator through the use of two additional axle lines.

**New models offer increased axle loads**

With a permissible axle load of up to 13.4 tonnes at 25 km/h - 80 km/h, the U11 version allows particularly high payloads to be transported. Away from public roads - for example, during internal logistic operations - axle loads of 14.8 tonnes at a maximum of 25 km/h and 17.4 tonnes at 10 km/h are possible.

With a total width of 2.55 metres, the platform vehicles of the U10 and U12 series fully comply with EC standards and Road Traffic Licensing Regulations (StVZO). This offers advantages regarding approval procedures and especially for empty runs. In addition, it is possible to use ferries or other width-critical facilities or routes with these combinations. However, the operator does not have to make any compromises regarding stability compared to wider transport platforms. The UltralightCombi has an identical span as other Scheuerle vehicles with 3 m widths.

**Use of reliable and proven assemblies**

In the course of the vehicle overhaul, TII design engineers also attached great importance to reducing the number of component variants as well as using components from the other Combi series vehicles. This offers customers a number of advantages.

For example, the new UltralightCombi platform trailer is equipped with the pendulum axles of the EuroCompact models along with the steering of the InterCombi vehicles, components whose reliability has been tried and tested for many years. The gooseneck is now largely identical to that of the EuroCompact low-bed semi-trailer. As a result, this means that the continuous fifth-wheel load adjustment of the EuroCompact vehicles is also available for the UltralightCombi series.

**Compatible with the EuroCombi and InterCombi series**

In spite of the wide-ranging overhaul, the proven functionality of the UltralightCombi series has been fully retained. Furthermore, the new versions are compatible with the previous models. In addition, the UltralightCombi U10 and U11 versions can still be combined with modules of the InterCombi and EuroCombi series.

Another advantage of the UltralightCombi series is the easy handling. For example, when using a deck with a hook coupling adapter, the front bogie unit can be removed for loading operations so that self-propelled machines can drive onto the low-deck trailer at the front by means of a flat ramp.

**Suitable for transporting large as well as heavy loads**

Vehicles in the UltralightCombi series can be used for a wide range of tasks. Due to the axle line loads and the EC-compliant vehicle width, the modular platform trailers are suitable for the transport of large and heavy loads on public roads. Thanks to their low dead weight, they facilitate far more compact combinations with the same payload compared to the modules of the Combi series or comparable vehicles offered by competitors. Construction machinery, components for wind turbines, containers, transformers and crawler crane components are typical loads.

**One series – many versions**

The UltralightCombi modular platform vehicles are available in 2, 3, 4 and 6-axle versions. The modular design of the UltralightCombi vehicles facilitates use as a trailer and semi-trailer as well as a bolster or low-deck combination. A comprehensive range of practical equipment options is available. This includes excavator, slab and frame decks as well as wind tower adapters.

**Photo:**

The new UltralightCombi offers the proven functionality of previous models but is superior in terms of the overall operating costs.

**Company Profile**

The Transporter Industry International Group (TII Group) belongs to the Rettenmaier entrepreneurial family and is a globally active manufacturer of heavy-duty and special vehicles. It is comprised of the Scheuerle, Nicolas, Kamag and TIIger brands, and has a workforce of around 900 employees. With innovative vehicles for logistics yards, public roads and industrial areas, the world market leader for heavy-duty vehicles with hydraulic pendulum axles supports its customers – from transport and logistics, building industry, plant engineering, air and space travel, shipbuilding through to energy, steel and mining – for realising a wide range of complex transport tasks. Transport assignments include construction machinery, wind turbine facilities, ships, antennas as well as entire factory plant. The TII Group holds the current world record of over 17,000 tonnes for transporting extremely heavy loads on vehicles. The TII Group focuses on product quality and innovations for the future of heavy-duty transportation mobility. In addition to locations in Germany, France and India, the group has a global sales and service organisation.

[www.tii-group.com](http://www.tii-group.com/)

**Press Contact**

 Volker Seitz

Head of Global Marketing & Communication
Tel: +49 (0)7941 / 691-2187
Volker.Seitz@Tii-Group.com