THE SHIYARD TRANSPORTER

Self-propelled elevating transporter for the shipbuilding industry
We are the worldwide leading full-range manufacturer of special road vehicles for heavy load and special transport.

The semi-trailers, low-loaders, modular vehicles and self-propelled trailers that we produce are used to transport anything exceptionally heavy, long, wide or tall!

Our brand portfolio includes transport solutions for payloads from 15t to 15,000t ... and beyond.

The excellent facilities in a production space of 150,000 m² form the foundation for qualitatively unique, high-tech products.
As a family business we grew over six generations from a small forge to the industry leader. We consider our roots as the basis for an innovative and sustainable future.

We offer solutions for any transport challenge through experience, flexibility and knowledge. Know-how and expertise from the development to the production start to finish. Your requests are in good hands at Cometto!

We trust our optimized production processes, modern techniques and highly qualified employees. As the quality leader, we apply the highest standards to ourselves in order to guarantee the perfect quality of our products.

Our extensive service ensures you a worldwide presence, 24h a day and 7 days a week. The Faymonville Group offers the most sustainable and wide-ranging customer service of the industry.
Through our eager research and progressive developments, we strive above all for ease and user-friendly handling in our SYTs. Through our long experience we know that the ship and shipbuilding industry is highly demanding and therefore it is important to us that our vehicles are reliable and safe. Through the constant introduction of new technologies and more efficient solutions, we strive to provide you with the best possible satisfaction.
The Cometto SYT self-propelled elevating transporter is primarily designed for moving ship sections. With its payload from 100 to more than 1000 tons, shipyard applications can be carried efficiently. It offers various solutions in terms of its total capacity adapted to customer requirements, as well as its wide range of individual suspension types with different payloads from 32 to 45 tons. Due to the reliable electronic steering, it is possible to maneuver easily and safely in narrow areas.
With its suspension capacity of 32, 36, 40 and 45 tons, the SYT holds the highest performance on the market.

THE HIGHEST SUSPENSION CAPACITY ON THE MARKET!

All existing SYT vehicles with the same suspension capacity are 100% compatible. The SYT is characterized by its versatile combinations. On the one hand thanks to its modular design, as well as its widths of five and six meters, and above all by combining three to nine axle lines and four suspension capacities.

MULTITUDE OF COMBINATIONS!

This has the advantage of gaining higher steering precision, achieving better load distribution on the frame and reducing maintenance.

THE MOST PRECISE STEERING SYSTEM THANKS TO SLEW DRIVE

Whether with full load or with relevant slopes, the tubeless assembly provides a secure and safe solution without limitation in distance.

TUBELESS TIRES AS STANDARD

The Faymonville Group has been successfully using its proven surface protection for a long time. MAXProtect+ has been thoroughly tested and continually improved for one reason only: to meet your highest demands. With MAXProtect+ your vehicle remains longer in use without corrosion.

OPTIMAL PROTECTION

After programming, our customers can easily install updates. User-friendly handling is our key!

RELIABILITY, EASE AND SAFETY

User-friendly operation and programming. Continuous software updates are available and easy to install by the customer himself. High performance level and back-up control unit.

AVAILABILITY AND EFFICIENCY

WHAT MAKES IT EXCEPTIONAL

THE HIGHEST SUSPENSION CAPACITY ON THE MARKET!

MULTITUDE OF COMBINATIONS!

THE MOST PRECISE STEERING SYSTEM THANKS TO SLEW DRIVE

TUBELESS TIRES AS STANDARD

OPTIMAL PROTECTION

RELIABILITY, EASE AND SAFETY

AVAILABILITY AND EFFICIENCY
Due to the modular concept the strong and sturdy chassis is designed for heaviest loads. It is made of high grade steel, which brings with it the following features:

- **HIGH YIELD POINT**
- **HIGH SAFETY COEFFICIENT**

The equipment includes lashing points to lift the transporter with the crane, as well as detachable panels on the platform. These facilitate the maintenance work.

**ROBUSTNESS**  
**A COMPONENT OF OUR DNA**
Maximum maneuverability and precision are guaranteed by a steering angle of +130°/-130°. The electronically controlled slew drive is driven by hydraulic motors. The entire system is based on the most powerful drive boxes and worm screws. The impressive steering and synchronization is combined in the clear cockpit and the optional remote control.
Cometto’s SYT offers a choice of four different load capacities: 32, 36, 40 and 45 tonnes. The compass type suspension with long stroke of 700mm is coupled to the frame by a slew drive. This requires high-precision machining. Full shock absorption through the use of nitrogen accumulators guarantees constant load distribution on all existing axles. A safety valve and a sectioning ball valve, both located on each suspension, assure safety operations.

Among the advantages of the slew drive that makes us stand out on the market are the following:

- **Higher Steering Precision**
- **Better Load Distribution on the Frame**
- **Less Maintenance**

Uneven surfaces are no challenge for the axles of the SYT, because even under extreme conditions and in difficult terrain we offer smooth transports and are adaptable to loads and surfaces. This is due to the lifting system, which allows the following lifting and lowering modes:

- **Equal Lifting/Lowering**
- **Parallel Lifting/Lowering**
- **Single or Group Suspension Lifting/Lowering**

A joystick and a board in the cockpit make handling easier, smoother and more user-friendly.
**TUBELESS ASSEMBLY**

**A MUST FOR EFFICIENT TRANSPORT**

The most important support is our tubeless assembly and this is exactly the turning point which sets us apart.

With the tubeless assembly it is secure to safely solve the transport even at full load or intense slopes without restrictions of the distances.

**BRAKE SYSTEM**

**BRAKES THAT WON’T LET YOU DOWN**

Powerful and reliable drum brakes are installed on the axles of the Tristop spring brake chamber drives.

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**MODEL** | **TOTAL NUMBER OF SUSPENSIONS** | **TOTAL NUMBER OF DRIVEN SUSPENSIONS** | **WIDTH** | **LENGTH** | **APPROXIMATE PAYLOAD**
---|---|---|---|---|---
**SYT3** | 6 | 2 | 5,000mm | 13,000mm - 16,000mm | 35t | 36t | 40t | 45t
**SYT4** | 8 | 2 - 3 | 6,000mm | 14,000mm - 18,000mm | 36t | 38t | 42t | 47t
**SYT5** | 10 | 3 - 4 | 6,000mm | 17,000mm - 20,000mm | 40t | 44t | 49t | 56t
**SYT6** | 12 | 3 - 4 | 6,000mm | 19,000mm - 22,000mm | 47t | 51t | 57t | 64t
**SYT7** | 14 | 4 - 5 | 6,000mm | 19,000mm - 22,000mm | 55t | 61t | 69t | 78t
**SYT8** | 16 | 4 - 5 | 6,000mm | 21,000mm - 24,000mm | 63t | 72t | 83t | 95t
**SYT9** | 18 | 5 | 6,000mm | 24,000mm | 70t | 81t | 94t | 110t

*different platform dimension on request. The standard length is increased in steps of 1,000mm

**PAYLOAD**

<table>
<thead>
<tr>
<th>PAYLOAD</th>
<th>TYRE TYPE</th>
<th>TRACTION FORCE PER SUSPENSION</th>
<th>BRAKING FORCE PER SUSPENSION</th>
<th>PLATFORM HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>32t</td>
<td>315/80 R22.5</td>
<td>132kN</td>
<td>55kN</td>
<td>1,950mm ± 350mm</td>
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<tr>
<td>34t</td>
<td>315/80 R22.5</td>
<td>132kN</td>
<td>55kN</td>
<td>1,950mm ± 350mm</td>
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<tr>
<td>40t</td>
<td>315/80 R22.5</td>
<td>132kN</td>
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<td>1,950mm ± 350mm</td>
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<tr>
<td>45t</td>
<td>315/80 R22.5</td>
<td>132kN</td>
<td>55kN</td>
<td>1,950mm ± 350mm</td>
</tr>
</tbody>
</table>

**YOUR REQUEST – OUR SOLUTIONS**

Our SYT at a glance

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SYT’s versatile combinations are perfect when it comes to meeting major challenges. This success is due to the modular design as well as the widths of five and six metres and above all the combination of three to nine axle lines and four load capacities. Your aim—Our solution!

**Possibilities that make the difference**

- Side by side and back to back combinations
- Open combinations
Due to its new design with a comfortable and ergonomic driving position, its easy and user-friendly handling, as well as the real-time checks through two dedicated displays, the driver has full control over his transporter. We are constantly upgrading and optimizing safety inside and out to provide you an experience you can trust on. Your cockpit is your strength!

### FULL CONTROL & SAFETY

### IN- & OUTSIDE

#### STANDARD EQUIPMENT
- Ergonomic dashboard
- Cabin heating system
- Heat and sound isolation
- Interior lighting
- Large windscreen with safety glass

#### OPTIONAL ACCESSORIES
- Air conditioning
- Air suspended seat
- Second cabin
- Remote control with all functions
- Side-by-side connection kit
- Back to back kit
- Low temperature kit -20°C
- Camera system with one screen and one camera
- 360° camera
- Automatic fire extinguisher
- Retractable mirror
- Bluetooth radio
- Automatic greasing system
The diverse performances and power of our Scania diesel engines are determined by the SYT payload and dimensions. Our Power Pack Units have been put through their paces in tough samples. Whether in hot or cold areas, they always maintain an efficient performance that can be trusted.

The SYT are equipped with Scania Engines. A wide range of engines is available:

<table>
<thead>
<tr>
<th>SCANIA MODEL</th>
<th>PERFORMANCE</th>
<th>CYLINDER</th>
<th>EMISSION LEVEL</th>
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</thead>
<tbody>
<tr>
<td>DC09 076A</td>
<td>202kW</td>
<td>5L</td>
<td>Stage IIIA / Tier 3</td>
</tr>
<tr>
<td>DC09 084A</td>
<td>202kW</td>
<td>5L</td>
<td>Stage V / Tier 4F</td>
</tr>
<tr>
<td>DC09 086A</td>
<td>276kW</td>
<td>5L</td>
<td>Stage V / Tier 4F</td>
</tr>
<tr>
<td>DC13 076A</td>
<td>331kW</td>
<td>6L</td>
<td>Stage IIIA / Tier 3</td>
</tr>
<tr>
<td>DC13 084A</td>
<td>331kW</td>
<td>6L</td>
<td>Stage V / Tier 4F</td>
</tr>
<tr>
<td>DC13 085A</td>
<td>405kW</td>
<td>6L</td>
<td>Stage V / Tier 4F</td>
</tr>
<tr>
<td>DC16 084A</td>
<td>493kW</td>
<td>8V</td>
<td>Tier 4F</td>
</tr>
<tr>
<td>DC16 314A</td>
<td>520kW</td>
<td>8V</td>
<td>Stage V</td>
</tr>
</tbody>
</table>

WHERE PERFORMANCE MEETS EFFICIENCY

No matter where and when, with its weight of only four kilograms, our remote control stands for precise handling. Having the remote control, cable and radio connected to the SYT, it is easy to check all the functions of the transporter. The most important information is transmitted from the cockpit’s screens to the remote control at precisely the right time.

REMOTE CONTROL

In order to increase efficiency and flexibility even further, we work together with the so-called Cometto Management Software. This CMS is used to control various functions required for the handling of individual projects. This unites technology with time management.

COMETTO MANAGEMENT SOFTWARE

The remote control and remote control system of the SYT are connected via a radio link. The conveyor system is automatically controlled by using the radio link to monitor the conveyor system. This allows for precise handling of the SYT.

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REMOTE DIAGNOSTIC SYSTEM

Satellite-based communication
Making transports more productive and profitable

Cometto’s intelligent EMS technology, which is known as a leading and innovative platform, stands for global remote maintenance around the world. Cometto’s technical service and the transmission of software updates makes TELEMAKHOS the monitoring of vehicles possible. The remote backup system can be connected to via land line (ADSL), satellite phone or mobile connection (3G/4G/5G).
Spare Parts
Direct and quick!

The modular structure of the Cometto vehicles results in a very high proportion of common parts. This increases the quality of the construction and is advantageous for the customer when ordering spare and wearing parts. It guarantees maximum interchangeability and decreases material expenditure. All the parts secure the maximum performances and service life of your Cometto vehicle.

Service
24 hours a day

Our service hotline +39 0171 263330 guarantees practical and efficient assistance around the clock. The customer is king! Our experts are always available to help whenever you need assistance. Technical support can be given by our intern technicians or by local service partners. Efficient help for you, we care about you!

Driver training
Resolutely customer-oriented

We provide a tailor-made driver training relating to your particular vehicle. Practical and theoretical! The drivers can take possession of their documents and user manuals in their respective languages. Self-explanatory and educational visual material can also be delivered.

A complete support package to familiarize the drivers with the new vehicle.