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WIELTON DEFENCE

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wieltondefence.com





WE CREATE INNOVATIVE TRANSPORT SOLUTIONS
FOR MODERN ARMED FORCES

CONTENTS

04 **TECHNOLOGICAL POTENTIAL**

06 **LEADING MARKET PLAYER**

08 **DEFENCE LB6**

LOWBED SEMI-TRAILERS

10 **DEFENCE BOX SWAP BODY**

BDF SWAP BOX BODIES

12 **DEFENCE CONTAINER**

CONTAINER SEMI-TRAILERS

14 **DEFENCE Rigid Tarp**

BOX-TARPAN BODIES

16 **DEFENCE Cargo**

UNIVERSAL SEMI-TRAILERS

18 **DEFENCE Cargo MULTI**

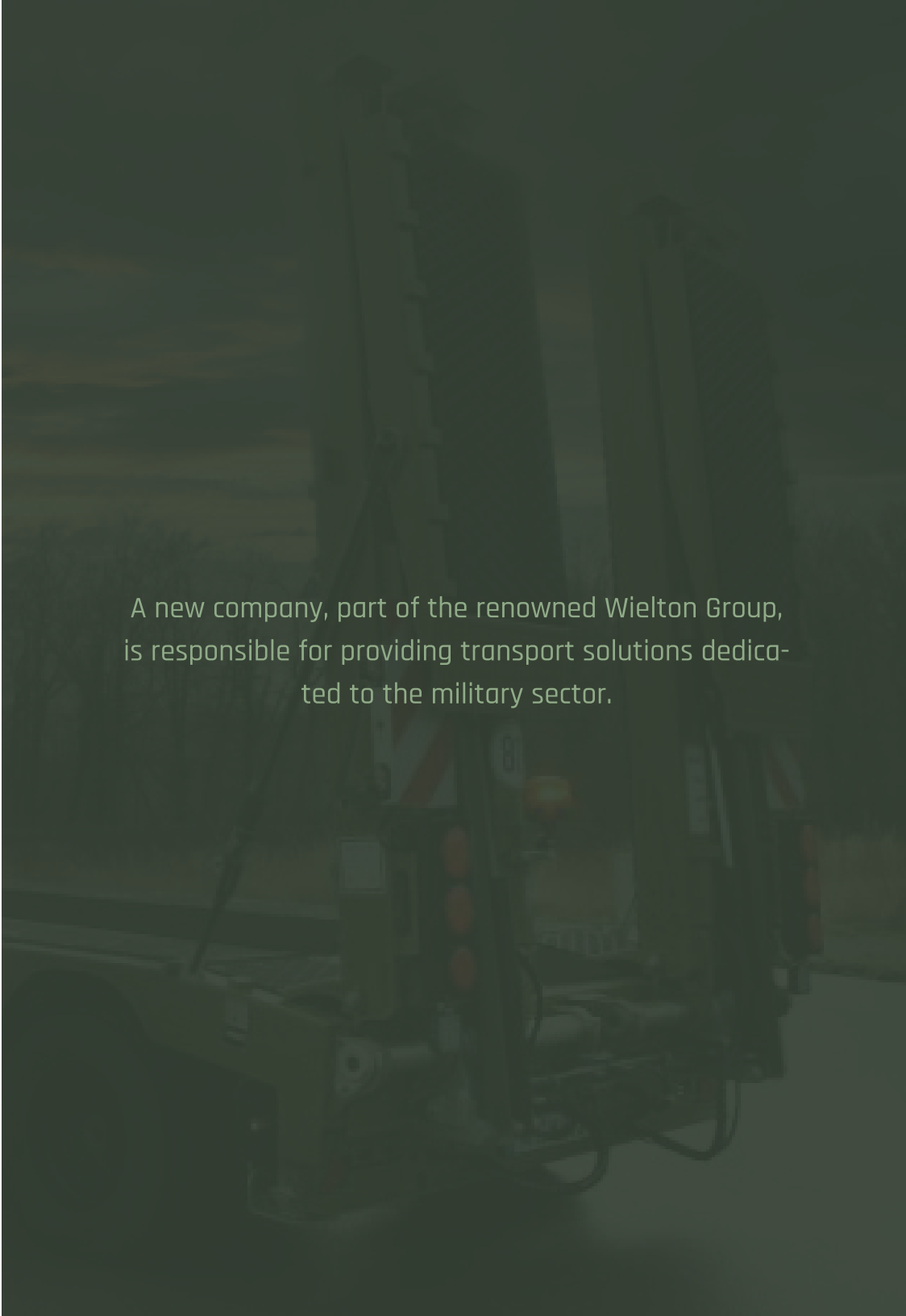
UNIVERSAL SEMI-TRAILERS

20 **DEFENCE SLIDER SL1**

ROLLER CONTAINERS TRAILERS

22 **ABOUT COMPANY**

23 **CONTACT**



A new company, part of the renowned Wielton Group, is responsible for providing transport solutions dedicated to the military sector.

TECHNOLOGICAL POTENTIAL

DURABILITY AND PRECISION

Modern hybrid welding technology, which utilizes laser radiation and an electric arc, ensures solid and precise joints. This minimizes structural distortions, resulting in exceptional strength. Additionally, our production processes enable welding of armor plates, significantly enhancing product durability and resistance to damage. Understanding the challenges faced by the transport industry, we offer high-durability products that meet the most demanding expectations of our customers.

Welding Quality System: PN-EN ISO 3834-2:2021-09



INNOVATIVE PRODUCTION TECHNOLOGIES

One of the key challenges was developing an effective method of corrosion protection. In our production process, we use a modern cathodic dip painting method, which allows for a uniform coating with excellent anti-corrosive properties. As a result, our products are extremely durable, even in the harshest conditions, while also featuring an aesthetic finish and the ability to customize colors to match the client's corporate branding.



Integrated Management System: PN-EN ISO 9001:2015-10, PN-EN ISO 45001:2018-6

KTL LINE

Our production facilities allow for the entire trailer frame to be immersed in the cathodic dip painting process, ensuring full anti-corrosion protection.



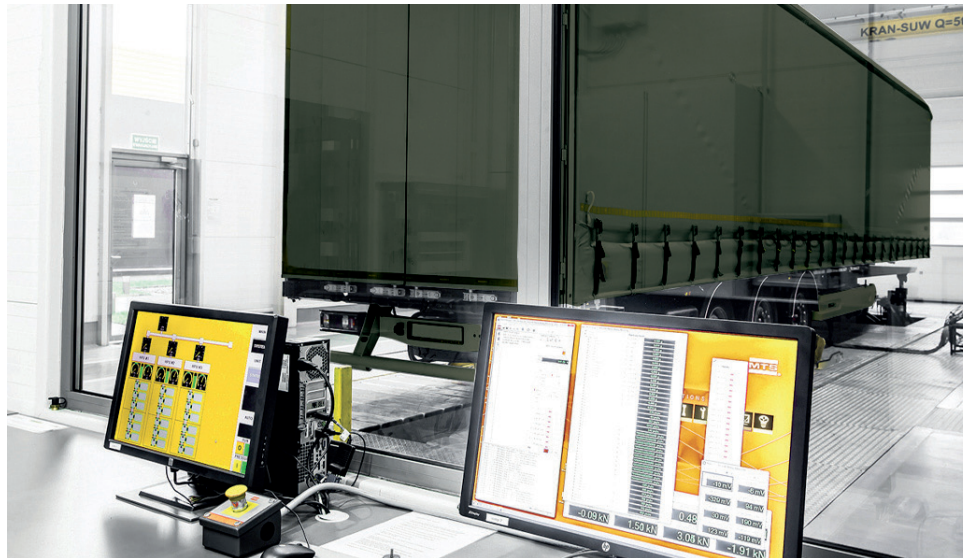
Integrated Environmental Management System: PN-EN ISO 14001:2015-09

THE MOST ADVANCED R&D DEPARTMENT IN THE COUNTRY

QUALITY AND SAFETY ARE THE KEY VALUES OF THE WIELTON

Our Research and Development Department is the first of its kind in Poland and the third in Europe. It serves as an invaluable engineering and research hub where new products undergo numerous tests, detailed diagnostics, and structural analysis. The process of implementing innovative solutions requires advanced scientific support, allowing us to eliminate potential flaws and hidden defects during the design stage before the vehicles enter production lines.

Thanks to these efforts, we offer products that meet the highest global durability standards, enabling safe and efficient transportation of various types of cargo, including fragile goods.



LEADING MARKET PLAYER

Dedicated engineering teams in 6 countries specializing in service and technical support.



28 Years
of Experience



64
Robots Operating on
30 Production Lines



3000+
Employees



243 000 m²
of Production Facility Area



10
Product Groups



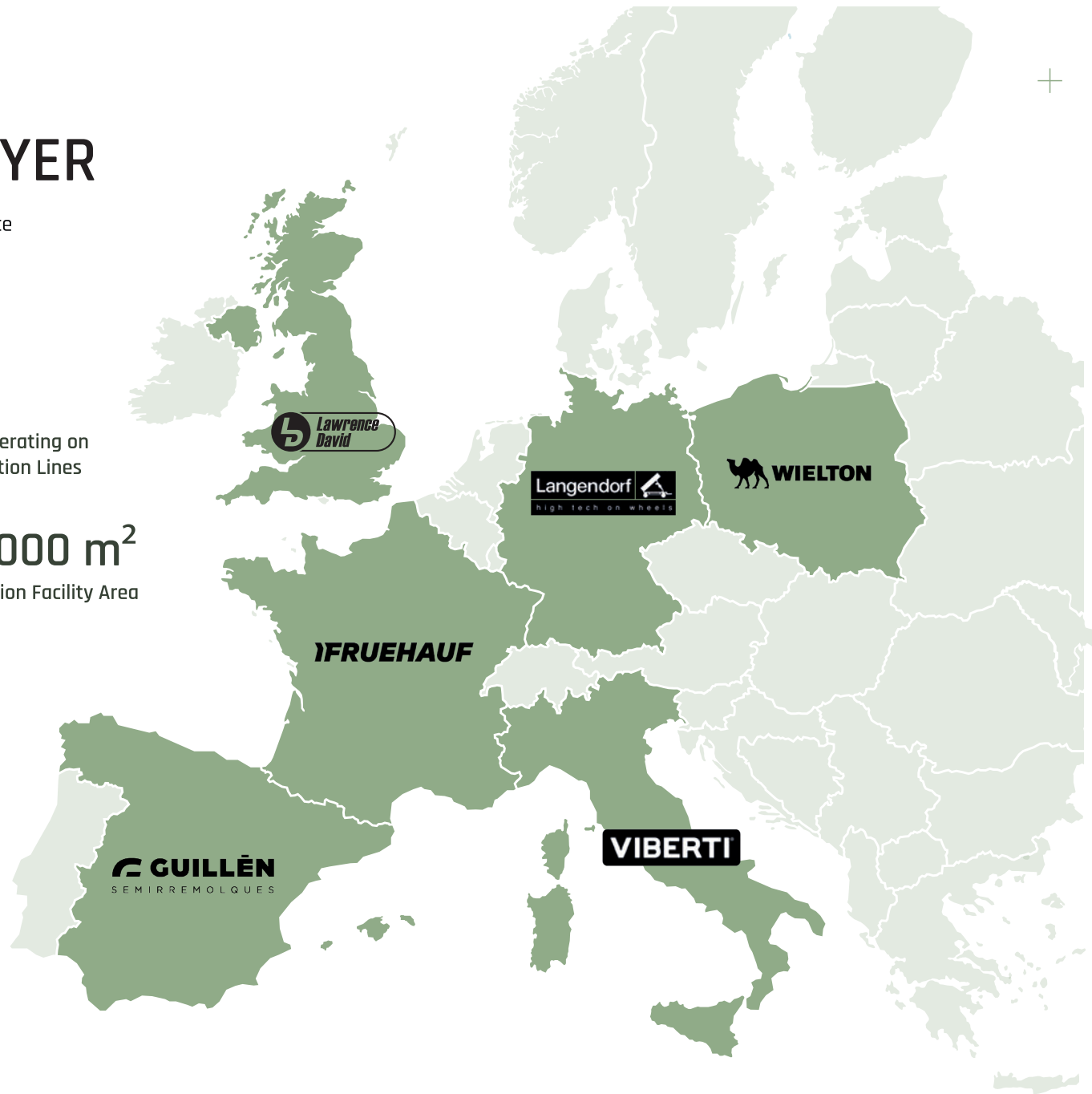
3rd
Largest Manufacturer of Trailers,
Semi-Trailers, and Bodies in Europe



10th
Largest Manufacturer of Trailers,
Semi-Trailers, and Bodies in the World



Polish Capital



EXCELLENT QUALITY THANKS TO TRUSTED PARTNERS

STRENX® 700 STEEL - INCREASED EFFICIENCY AND EFFECTIVENESS

When you think about exceptional performance under extreme loads, you can be sure that Strenx® steel in our products provides increased strength and durability. Trailer frames made of high-strength steel are stronger and lighter at the same time!



COOPERATION WITH LEADING SUPPLIERS

Wielton vehicles are equipped with components from leading manufacturers on the market. This guarantees their reliable operation and helps reduce operating costs. New trailer models and other Wielton products can be tailored to individual customer needs thanks to wide configuration options.

+ Wheels and rims:

BRIDGESTONE

MICHELIN

GOODYEAR

Continental

ALCOA
WHEELS

MAXION
WHEELS

+

+

Braking systems, hydraulics,
lighting:

+

WABCO

KNORR-BREMSE

Haldex **KELLA**

ASPÖCK
SYSTEMS

HYVA **Binotto**
THE TURNING POWER

+

+

+

+

+ Steel and aluminum
manufacturers:

+

+

Axles and suspension:

+

SSAB ArcelorMittal

GK Grupa Kęty **Hydro**

STRENX
PERFORMANCE STEEL

HARDOX
WEAR PLATE

voestalpine

SAF-Holland

B&P **JOST**

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LOWBED SEMI-TRAILERS

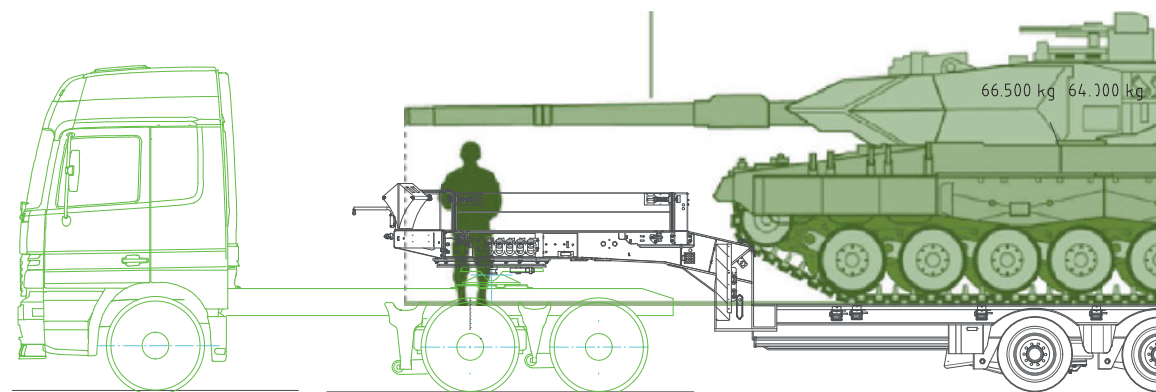
DEFENCE LB6

Main use

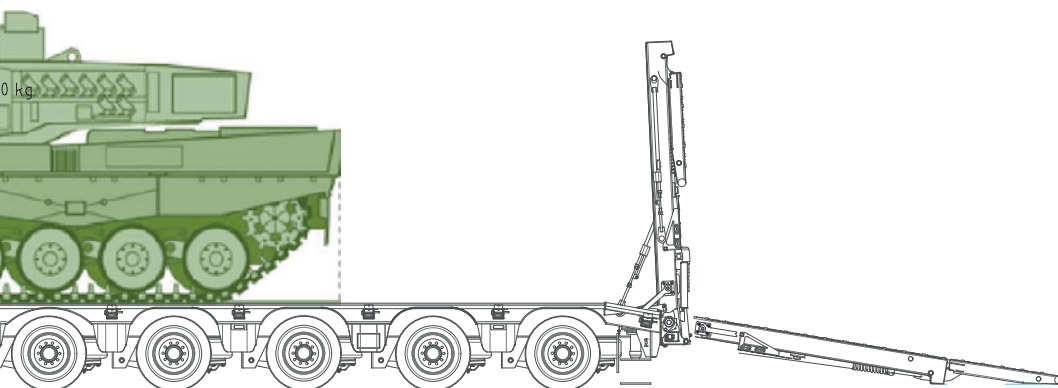


Transport of vehicles, machines and sea containers.

- + Capability to transport military vehicles, construction equipment and heavy technical structures.
- + Platform prepared for container mounting: 1 x 20" or 1 x 30".
- + Hydraulically steered axles ensure vehicle mobility in tight turns.
- + Construction made of high-strength steel, corrosion-protected.
- + Loading deck covered with anti-slip sheet metal.
- + Loading deck ramps hydraulically opened and slid to the sides, ensuring fast and safe loading.
- + Stoppers regulating the placement of the heaviest vehicles in position for optimal weight distribution on the deck.
- + Loading deck: 10 pairs of load securing hooks 10,000 daN + 3 pairs of mounts 16,000 daN each.
- + Spacious toolboxes on the sides of the trailer and under the loading deck provide plenty of space for equipment, load securing chains, etc.



LOWBED TRAILERS



Technical specification

| | |
|-----------------------------|---------------|
| Total length | 14 770 mm |
| Loading platform length | 11 000 mm |
| Loading height | 890 mm |
| Total height | ca. 3 700 mm |
| Technical capacity | ca. 66 500 kg |
| Administrative total weight | 85 000 kg |
| Technical total weight | 97 000k g |

BDF SWAP BOX BODIES

DEFENCE BOX SWAP BODY

Main Use



MOBILE ARMS STORAGE
SYSTEMS

Technical Specification

| | |
|--------------------------------|--------------------|
| External / internal length | 7820 mm / 7680 mm |
| External / internal height | 2 750 mm / 2500 mm |
| External / internal body width | 2 550 mm / 2480 mm |
| Capacity | 19 EUROPALET |
| GVM | 16 000 kg |
| Curb weight | 2 450 kg |



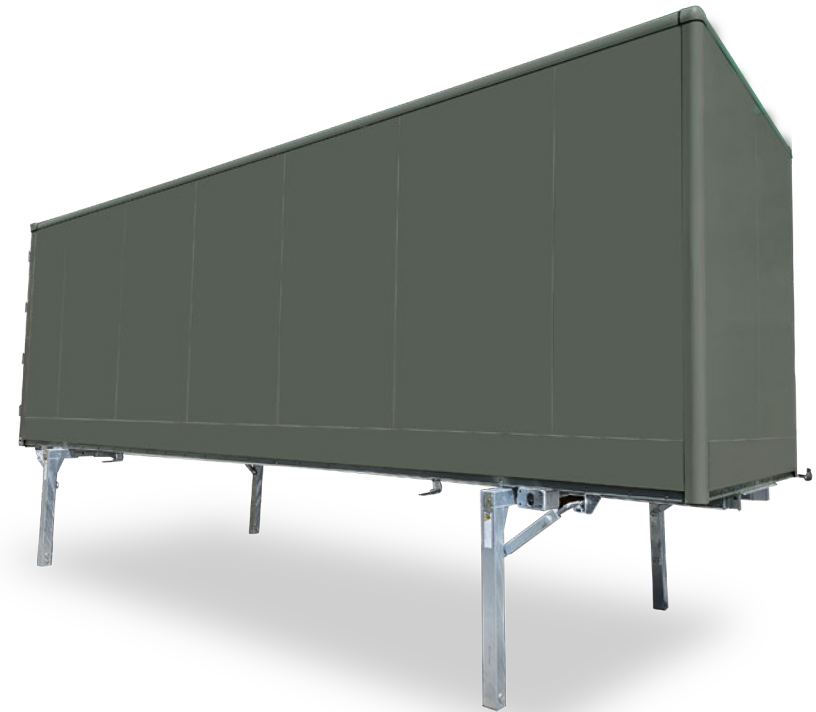
Safety of loads during transport
Walls provide protection against undesirable external factors, such as rain, wind or dust.



A wide range of internal equipment configuration options.



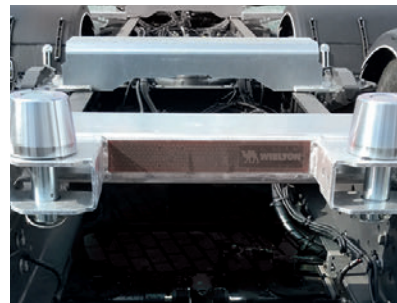
Safety Lock multi-point load securing system.



Quick operating time



Made of solid materials
(Containers provide excellent thermal insulation)



4x crane handles enabling
reloading onto a railway wagon

CONTAINER SEMI-TRAILERS

DEFENCE CONTAINER

Main use



Transport of marine and specialized containers in various configurations.



Additional equipment such as: masking systems, power generators, independent lighting power supply systems.

Technical Specification

Weight

3,5 t - 6 t

Capacity

(models with extension and fixed length)

30 t - 35 t

Support - marine containers

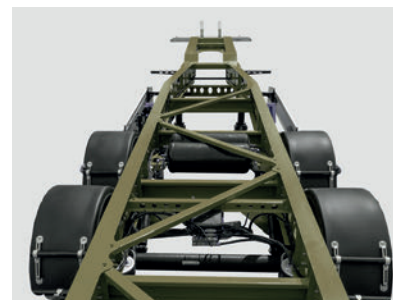
10", 20", 40", 40HC, 45", 45HC

Support - tank containers

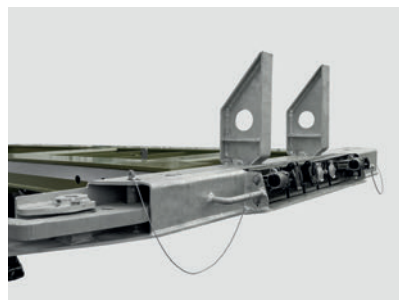
(in various configurations)

20"

Solid workmanship and strong construction.



Adapted to 2 and 3 axle trucks.



BOX-TARPAN BODIES

DEFENCE Rigid Tarp

Main Use



TRANSPORTATION OF PEOPLE
AND SPECIALIZED GOODS



Body possible on various chassis brands and axle versions (so far MAN 4x4 and 6x6)



Interior lighting



Removable frame (sides and benches)

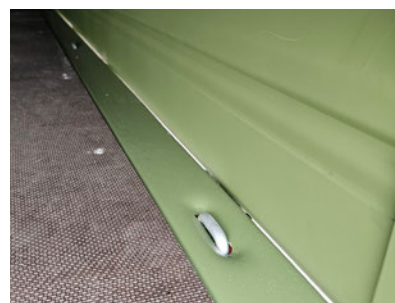




Tarpaulin made of hardly flammable or non-flammable materials



Windows for lighting and ventilation



Load securing lugs



Optional checker plate on the floor



COMMUNICATION SYSTEM: SIGNALING FROM THE LOAD AREA FOR THE DRIVER TO KNOW THAT HE HAS TO STOP.

Technical Specification*

| | |
|--------------------|-----------|
| External length | 5 650 mm |
| External width | 2 550 mm |
| GVM | 13 000 kg |
| Curb weight (body) | 2 000 kg |

*The dimensions are always non-standard (they do not refer to pallet size) and depend on the chassis being built.

UNIVERSAL SEMI-TRAILERS

DEFENCE Cargo

Main use



Transport on pallets
and cargo boxes

- + Option to manufacture in standard or mega version, with an expanded rear portal to facilitate tight loadings and with the possibility of loading trailers onto railway wagons or ferry transport.
- + Possibility of using a double floor to increase load capacity (2x pallet quantity).
- + Possibility of docking a forklift outside the trailer (behind the rear doors) as well as inside the trailer, allowing for carrying the forklift and heavy loading where such equipment is unavailable.
- + Trailers adapted for AOR Ex I and Ex II.
- + Great technical and visual customization options (painting almost all elements in a color from the RAL palette).





DEFENCE Cargo MULTI

Main applications



Transport on pallets, cargo boxes, military equipment, marine containers, transport of machinery, oversized loads.

- + The Cargo Multi semi-trailer combines 3 different products, significantly increasing flexibility in product use and utilization for various needs depending on the configuration.
- + Curtain semi-trailer with closed body.
- + Platform semi-trailer with open body after folding the frame.
- + Container semi-trailer after folding the frame.
- + The chassis is equipped with container locks for securing a 20" container in the middle of the trailer. Unlike standard solutions, a 40" container or two 20" containers can be mounted. Additional locks provide an option particularly important for heavy containers.
- + The possibility of using a floor with a load capacity of up to 11t pressure on the front axle of the truck (tbc).



Technical specification

Chassis parameters as for a standard curtain trailer. Possible rear height for standard body:

from 1800 mm to 2900 mm (every 50 mm).
Up to 2800 mm with EN12642 XL Certificate.

CARGO MULTI PRO



PL - PLATFORM

CARGO MULTI SIDE



TRAILERS FOR ROLLING CONTAINERS

DEFENCE SLIDER SL1

Main use



TRANSPORT OF ROLLING CONTAINERS

Technical specification

Capacity (models M1, M2)

up to 18,000 kg

Curb weight (model M3)

from 3,150 kg



Durability and strength confirmed by DIN 30722 standard



Quick and easy loading and unloading of containers



Proven and recognized product on the market, delivered among others to PSP



Actuator



Pneumatic lock



M1



M2



M3





Wielton S.A. is a renowned Polish company with over 28 years of experience in the transport industry, operating continuously since 1996. Over the years, we have gained the trust of customers around the world thanks to our innovative solutions and reliable products.

Our successes are based on advanced machinery and modern production technologies. Wielton invests in the latest technologies, such as hybrid welding, which combines laser radiation and electric arc. This method guarantees solid and precise joints, minimizing structural deformation.

We perfectly understand the needs of our customers who require the highest quality and reliability. Our semi-trailers are designed with the most demanding applications in mind. Wielton products are characterized by increased durability and excellent anti-corrosion protection, thanks to the use of modern cataphoretic painting methods.


The use of cataphoretic painting technology not only increases the durability of our products, but also provides an aesthetic finish that can be adapted to the company colors of our customers. Our trailers perform well even in the harshest conditions, making them an adequate choice for military services.



 **Tomasz Rymarczyk**

t.rymarczyk@wieltongroup.com

+48 696 145 772

 **Krzysztof Michałowski**

k.michalowski@wielton.com.pl

+48 504 099 852

More info:

wieltondefence.com



wieltondefence.com