



TIRES & WHEELS

Load carrier application advice

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Your solutions for tires and tire picking at a glance!

Find out quickly which load carrier fits your type of tire and/or type of storage:

		Type of tire					
		Car, SUV, two-wheeler		Trucks		Agri	
Type of storage	nested	TR-EC-01 TR-EC-02 TR-EC-05 TR-EC-06 TR-EC-53 CR-KF-01	p. 13 p. 13 p. 13 p. 13 p. 15 p. 23				
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Company history



Company formation 1829

Family owned business, now in the sixth generation

400 employees with an annual turnover of 75 million euro

GEBHARDT develops and produces industry-specific standard and special solutions for the transport and storage of goods in industry and trade from wood, metal and plastic



Market leader in numerous segments

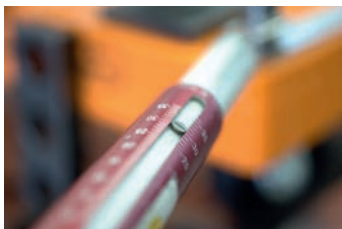
Four business units guarantee a high level of industry expertise due to their deep understanding of the processes involved

Industry:	load carriers for all industries
Food & Retail:	load carriers from producer to warehouse to till
Automotive:	load carriers from production to assembly line
Tires & Wheels:	standard and individual load carriers for all types of tires and wheels



Active in 30 countries world-wide

Branches in
Germany (Cham and Altenmarkt),
Czech Republic (Domažlice),
USA (Atlanta),
China (Shanghai)



Quality assurance through own Test & Technology Centre and product safety through additional external tests



Qualitätsmanagement
Wir sind zertifiziert
Regelmäßige freiwillige
Überwachung nach ISO 9001:2008

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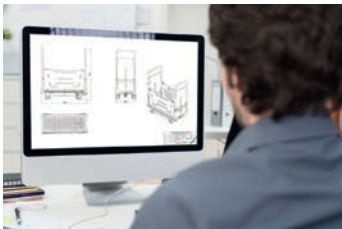


Your partner for efficient logistic processes



Innovative full service partner

All crucial steps for the creation of added value under one roof,
from concept to after-market service



High level of added value created in-house

Development:	application technology, Test & Technology Centre
Design:	CAD measurement technology
Production:	laser technology, welding robots
Materials:	wood, metal, plastic - everything from a single supplier
Sales:	direct sales by industry specialists
Project management:	Professional handling of all orders



Reliable production through state of the art machinery

Production of future-proof products with clearly defined quality standards

Ongoing investment in technology and state of the art production facilities



Test- & Technology Centre

The smooth operation of load carriers not only plays an important part in the profitability of a company, but also in terms of work safety.

Our in-house Test & Technology Centre allows us to ensure the increased safety of logistic processes and to offer our customers reliable advice on legal regulations and current guidelines relating to load carriers.

Product and material tests are summarised in test reports and certificates, and can be carried out in collaboration with official institutions (e.g. TÜV) on request.

Our test portfolio

MECHANICAL TESTS



THERMAL TESTS



MATERIAL TESTS



Test example: Pay load capacity of load carriers

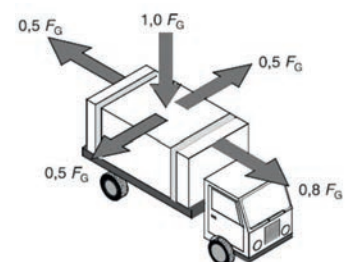


Testing:

- Load test with horizontal and vertical forces, e.g. according to VDI 2700
- Deformation of side walls
- Stackability and deflection in the warehouse
- Dynamic load during transport

Typical applications:

- Tire racks
- Attachment frames
- Wooden and metal containers
- Insulated containers
- Roll containers



Increased quality in a few steps



YOUR ADVANTAGES AT A GLANCE

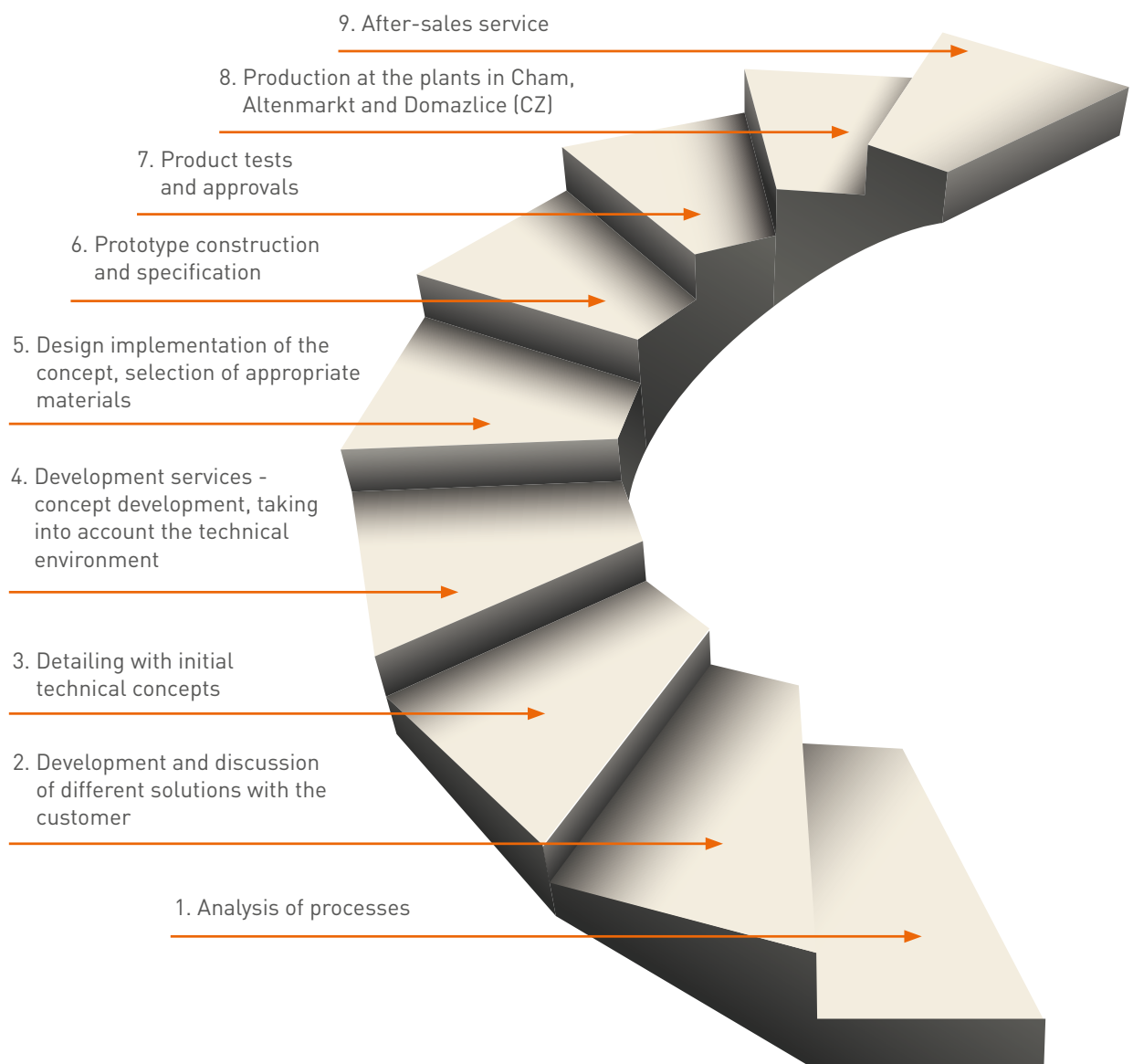
- + Quality of load carriers is guaranteed
- + Increased safety for your employees
- + Risk-free storage of your goods
- + Safe transport of your products
- + Compliance with legal guidelines and regulations
- + Overview of the condition of your storage facility



Full service for efficient logistic processes

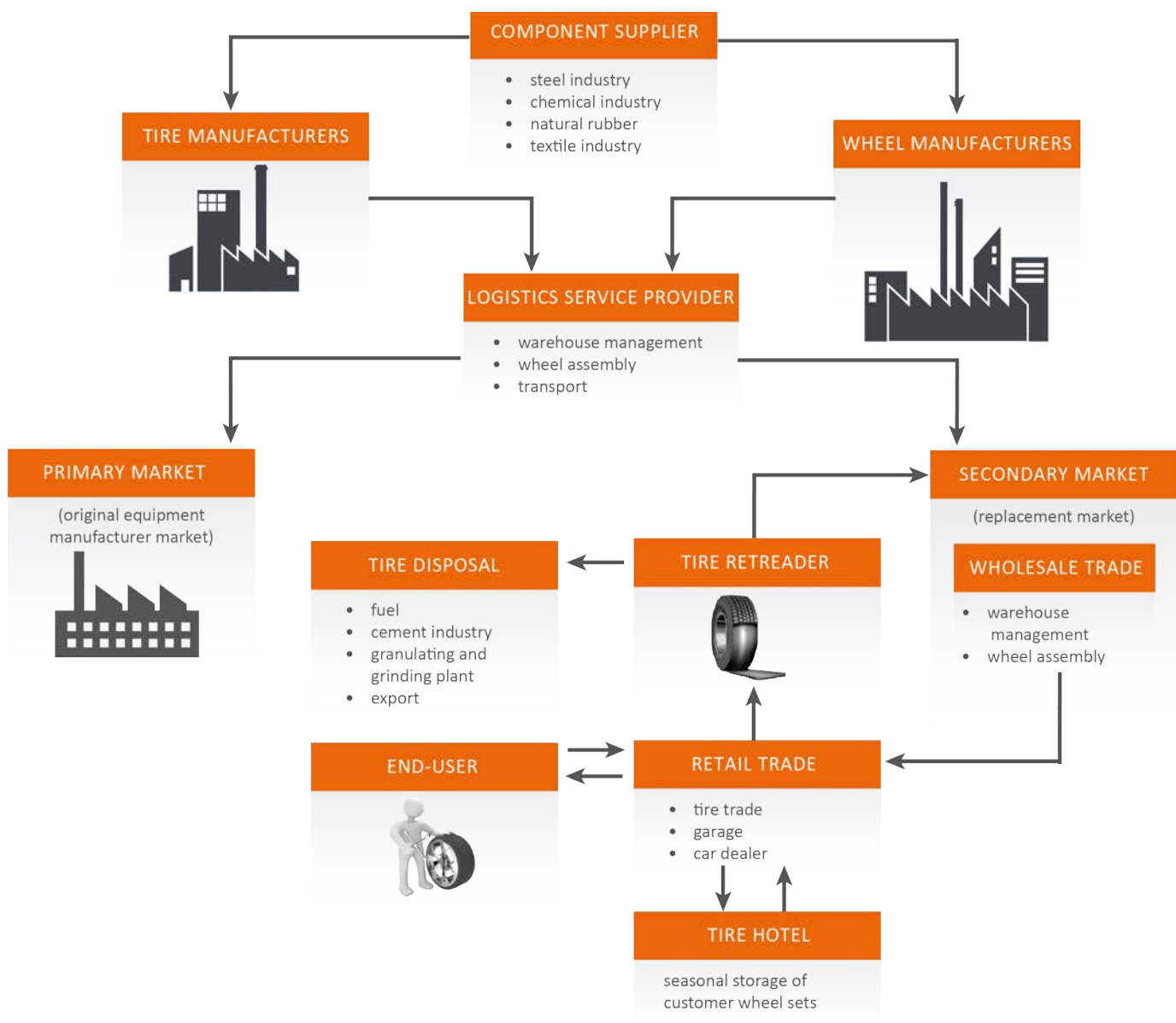
GEBHARDT has decades of experience in the development, production and integration of load carriers and offers comprehensive process consulting to its customers. The development of innovative and integrated concepts defines our day-to-day business. When working with GEBHARDT, you are supported by a reliable partner with highly developed industry and process know-how.

Expertise from process analysis to after-sales service



Logistic processes from the raw material to end-user

GEBHARDT has a logistics solution, for manufacturers, wholesalers as well as for medium-sized tire distributors, that is precisely aligned with volume and requirements for each scenario. Our expertise covers the entire logistics process: from the manufacturer who processes the raw material through the primary and secondary market to the end user.



Type of storage



Nestled

- High tire packing density
- Robot loading possible

Upright

- Optimum protection of the load
- Flexible removal of tires



Upright & nested

- Flexibility by two types of storage

Lying

- Optimum protection of the load
- Un-/Loading of tires by robot/forklift truck with tire gripper



Load carriers for tires

Load carriers for tires are particularly stable solutions. They ensure a careful storage of the cargo and thus a reduction of the complaint rate and costs. The charge carriers themselves are durable and thereby reduce the expenses for replacements. Most load carriers are equipped with a folding or plug-in mechanism, which enables a high level of empties stacking and thereby optimally utilizes the available storage capacity.

In addition, they are customizable in color and brand on request. This individual look not only guarantees a high recognition value, but can also lead to an increase in the level of awareness.

YOUR BENEFITS AT A GLANCE

- + High economical and space-saving transportation and storage due to efficient empties stacking
- + Short-term availability at seasonal peak demand by rent possible
- + Barcode gives overview of load carrier inventory
- + High stability
- + Reduction of the complaint rate by careful storage of the load
- + High recognition value through customizing (brands/color)



Load carriers for tires: ECOTIRErack®

With the ECOTIRErack® family, GEBHARDT offers flexibility and thus pursues the trend towards the increasing diversity of tires and larger dimensions. With standard dimensions of 2,395 millimeters length and 1,250 millimeters width by 125 millimeters deep, the racks are compatible with market standards. GEBHARDT tire racks have been specially developed for the professional tire wholesaler, tire logistics and other service providers. The ECOTIREracks® from GEBHARDT are available for nested, upright or mixed tire storage. Of course, all load carriers are also compatible with each other. All load carriers in the product family are characterized by their robustness, stability and ease of handling - factors that GEBHARDT has stood for over 180 years. When empty, they can be compacted to save space, saving up to 30 percent on transport costs.

ECOTIRErack®

YOUR BENEFITS AT A GLANCE

- + Low freight and storage costs through optimized volume reduction
- + Robust construction
- + Short delivery time
- + Easy handling
- + Optimum price-performance ratio



Load carriers for tires: ECOTIRERack®

TR-EC-01

dimensions: 2,395 x 1,250 mm
height: 2,057 mm
maximum load: 1,000 kg

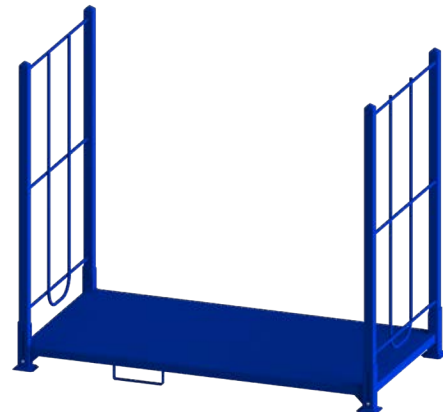
- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 2 high
- high level of empties stacking for space-saving transportation
- nested tire storage, resulting in high tire packing density
- additional equipment: perforated base, grid base, forklift guide on the face side



TR-EC-02

dimensions: 2,395 x 1,250 mm
height: 2,057 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- high level of empties stacking for economical truck utilization
- nested tire storage, resulting in high tire packing density
- additional equipment: perforated base, grid base, forklift guide on the face side



TR-EC-05

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

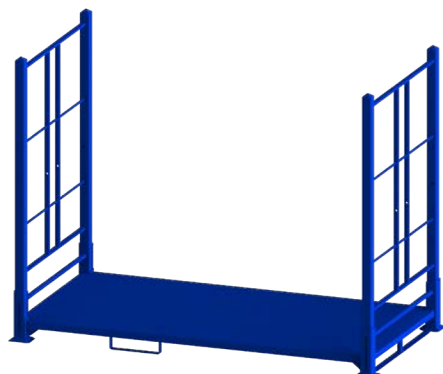
- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- high packing density because of nested storage
- additional equipment: perforated base, grid base



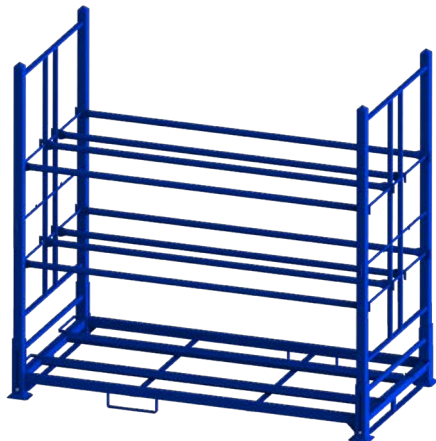
TR-EC-06

dimensions: 2,395 x 1,250 mm
height: 1,800 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- nested tire storage, resulting in high tire packing density
- additional equipment: perforated base, grid base



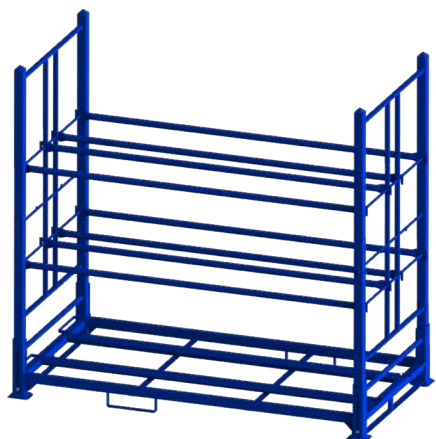
Load carriers for tires: ECOTIRErack®



TR-EC-11

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

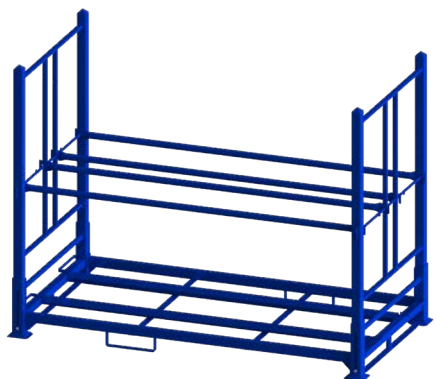
- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 2 high
- flexible removal of tires due to upright storage
- up to 3 levels of tires can be stored
- additional equipment: hook-in bars



TR-EC-12

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

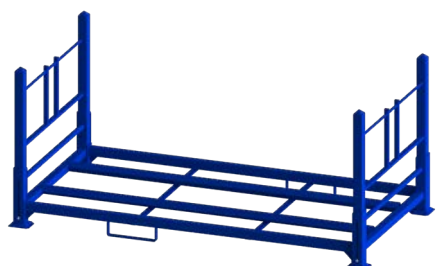
- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- flexible removal of tires due to upright storage
- up to 3 levels of tires can be stored
- additional equipment: hook-in bars



TR-EC-14

dimensions: 2,395 x 1,250 mm
height: 1,800 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- optimum protection of the tires because of upright storage
- up to 2 levels of tires can be stored
- additional equipment: hook-in bars



TR-EC-15

dimensions: 2,395 x 1,250 mm
height: 1,050 mm
maximum load: 500 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 6 high
- upright storage for flexible removal of tires
- tires can be stored on one level
- additional equipment: forklift guide on the face side

Load carriers for tires: ECOTIRErack®

TR-EC-31

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 2 high
- nested and upright storage of tires possible
- additional equipment: hook-in bars, perforated base, grid base, v-shaped base



TR-EC-32

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- nested and upright storage of tires possible
- additional equipment: hook-in bars, perforated base, grid base, v-shaped base



TR-EC-53

dimensions: 2,295 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- stackable with TR-EC-81
- high packing density because of nested storage
- additional equipment: perforated base, grid base



TR-EC-81

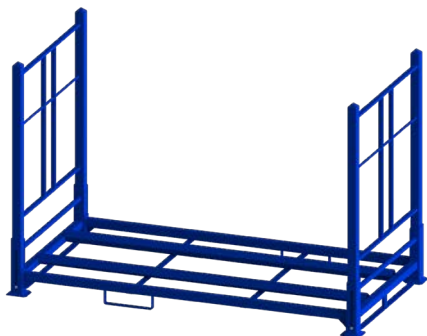
dimensions: 2,295 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
- stacking height: 1 + 3 high
- stackable with TR-EC-53
- nested and upright storage of tires possible
- additional equipment: hook-in bars, perforated base, grid base, v-shaped base





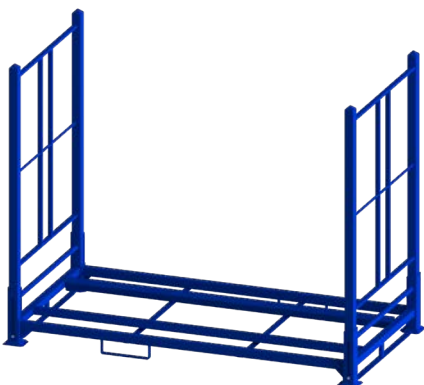
Load carriers for tires: ECOTIRErack®



TR-AC-12

dimensions: 2,395 x 1,250 mm
height: 1,600 mm
maximum load: 600 kg

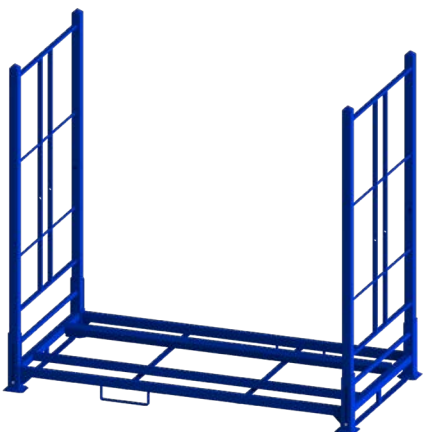
- suitable for agricultural tires (max. 1,400 mm diameter)
- stacking height: 1 + 4 high
- optimum protection of the tires because of upright storage
- additional equipment: lashing straps, v-shaped side wall



TR-AC-13

dimensions: 2,395 x 1,250 mm
height: 1,900 mm
maximum load: 750 kg / FT: 1,000 kg

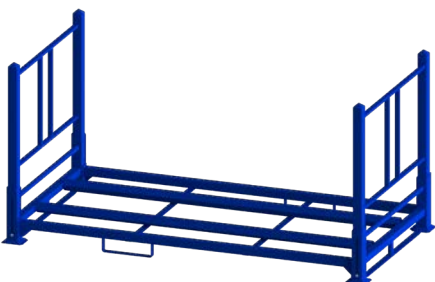
- suitable for agricultural tires (max. 1,700 mm diameter)
- stacking height: 1 + 3 high
- upright storage enables optimum protection of the tires
- additional equipment: lashing straps, v-shaped side wall, base with fixing tubes (FT)



TR-AC-14

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 750 kg / FT: 1,000 kg

- suitable for agricultural tires (max. 2,000 mm diameter)
- stacking height: 1 + 3 high
- optimum protection of the tires because of upright storage
- additional equipment: lashing straps, v-shaped side wall, base with fixing tubes (FT)



TR-TB-12

dimensions: 2,395 x 1,250 mm
height: 1,250 mm
maximum load: 600 kg

- suitable for truck and agricultural tires
- stacking height: 1 + 5 high
- upright storage enables optimum protection of the tires
- additional equipment: lashing straps, v-shaped side wall

Industry solutions

The use of industry solutions is indispensable for wholesalers, manufacturers and logistics service providers in the tire industry in order to be able to ensure the logistics connection to the respective tire manufacturers.

Central topics in the industry solutions are the exact compliance with the specifications and the execution according to customer requirements. Customized industry solutions are used for a wide variety of tire types and types of storage to meet individual requirements that are not covered by standard solutions.

TR-GY-31

dimensions: 2,395 x 1,250 mm
height: 2,200 mm
maximum load: 1,000 kg

- suitable for car, SUV and two-wheeler tires
 - high packing density because of nested storage
 - optional upright storage for optimum protection of the tires
 - additional equipment: hook-in bars
-



TR-PI-12

dimensions: 2,400 x 1,280 mm
height: 1,560 mm
maximum load: 500 kg

- suitable for car tires
 - upright storage for optimum protection of the tires
 - low noise level when folding the side walls because of rubber buffers
 - fixing unfolded side wall with locking bar
 - stackable with TR-PI-13
-



TR-PI-13

dimensions: 2,400 x 1,280 mm
height: 970 mm
maximum load: 300 kg

- suitable for car, SUV tires
 - optimum protection of the tires by upright storage
 - rubber buffers reducing noise level when folding the side walls
 - stackable with TR-PI-12
-



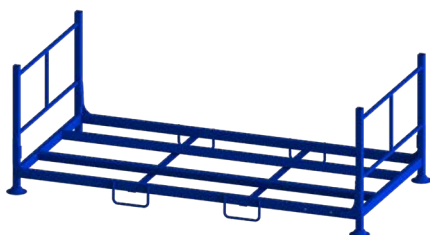
Industry solutions



TR-PI-14

dimensions: 1,680 x 1,070 mm
height: 1,541 mm
maximum load: 400 kg

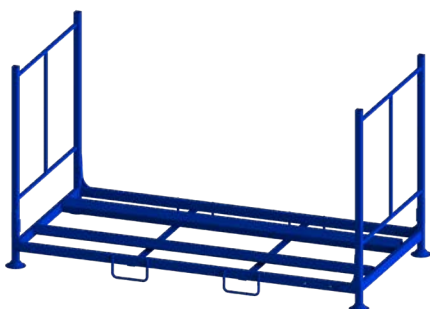
- suitable for two-wheeler tires
- optimum protection of the tires because of upright storage
- hook-in bars can be stored in the rack
- products contains 4 hook-in bars



TR-BR-11

dimensions: 2,345 x 1,185 mm
height: 820 mm
maximum load: 350kg

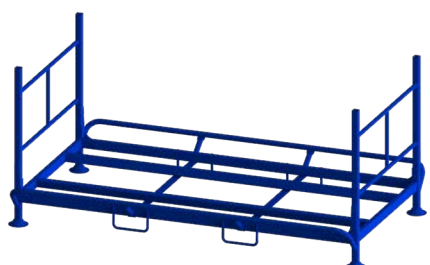
- suitable for car, SUV and two-wheeler tires
- upright storage enables optimum protection of the tires
- smooth folding mechanism on side walls
- easy handling, stackable with TR-BR-12 and TR-BR-13



TR-BR-12

dimensions: 2,345 x 1,185 mm
height: 1,280 mm
maximum load: 550 kg

- suitable for truck tires
- optimum protection of the tires because of upright storage
- smooth folding mechanism on side walls
- flexible and easy handling, stackable with TR-BR-11 and TR-BR-13



TR-BR-13

dimensions: 2,345 x 1,185 mm
height: 1,020 mm
maximum load: 600 kg

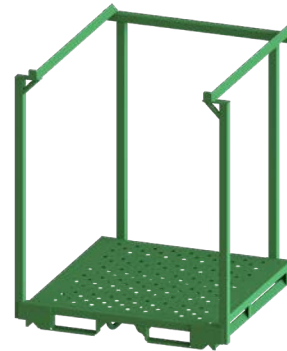
- suitable for car, SUV and two-wheeler tires
- upright storage enables optimum protection of the tires
- smooth folding mechanism on side walls
- easy handling, stackable with TR-BR-11 and TR-BR-12

Industry solutions

IN-BR-21

dimensions: 1,300 x 1,288 mm
height: 1,568 mm
maximum load: 450 kg

- suitable for all tires
- due to column stacking, the tires can be stored horizontally
- sturdy, rigid design
- automatic loading possible
- nesting capability when empty



IN-BR-22

dimensions: 1,480 x 1,424 mm
height: 1,538 mm
maximum load: 450 kg

- suitable for all tires
- thanks to column stacking, the tires can be stored horizontally
- sturdy, rigid design
- automatic loading possible
- nesting capability when empty



IN-BK-21

dimensions: 1,300 x 1,400 mm
height: 1,598 mm
maximum load: 800 kg

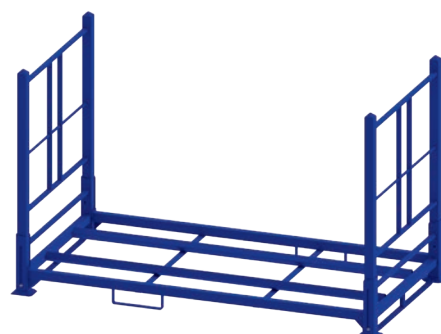
- suitable for all tires
- thanks to column stacking, the tires can be stored horizontally
- sturdy, rigid design
- high level of empties stacking because of nesting capability
- possible to fit the floor group with a wooden or metal floor



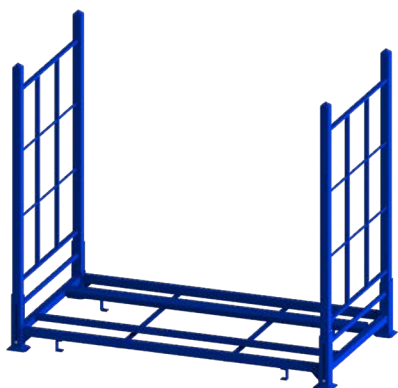
TR-RM-11

dimensions: 2,395 x 1,250 mm
height: 1,450 mm
maximum load: 600 kg

- suitable for truck tires
- upright storage for flexible removal of tires
- foldable construction
- high level of empties stacking because of stacking height 1 + 19



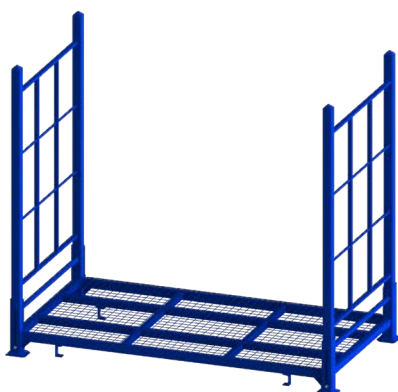
Industry solutions



TR-SO-13

dimensions: 2,295 x 1,250 mm
height: 2,000 mm
maximum load: 1,000 kg

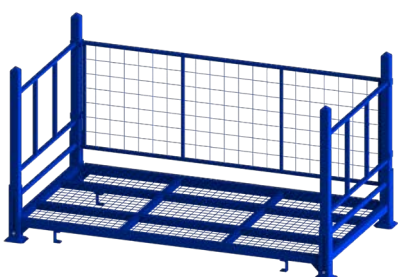
- suitable for agricultural tires
- stackable with TR-SO-21, TR-SO-22
- upright storage for optimum protection of the tires



TR-SO-21

dimensions: 2,295 x 1,250 mm
height: 2,000 mm
maximum load: 1,000 kg

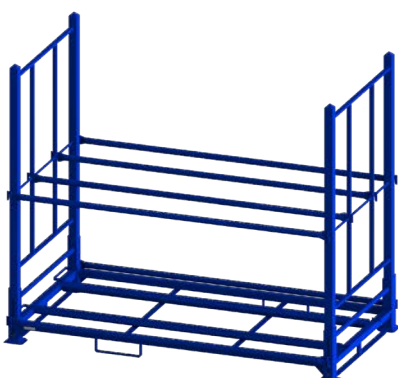
- suitable for agricultural tires
- stackable with TR-SO-13, TR-SO-22
- lying storage of tires for easy unloading with tire gripper



TR-SO-22

dimensions: 2,295 x 1,250 mm
height: 1,200 mm
maximum load: 500 kg

- suitable for industry tires and small parts
- stackable with TR-SO-13, TR-SO-21
- lying storage of empties
- load is additionally secured by the hook-in rear wall



TR-ST-11

dimensions: 2,395 x 1,250 mm
height: 1,980 mm
maximum load: 1,000 kg

- suitable for car, SUV tires
- upright storage of tires for optimum protection and flexible removal of tires
- rack is fitted with 6 hook-in bars
- tires can be stored upright on 2 levels

Industry solutions

TP-IN-24

dimensions: 1,600 x 1,450 mm
height: 1,407 mm
maximum load: 350 kg

- suitable for all tires
 - connector system for quick assembly and disassembly
 - high level of empties stacking, which can lead to a reduction in the storage and transportation surface area
 - lying storage of tires
 - more cost-effective alternative to all-metal load carriers
-



TP-IN-25

dimensions: 1,600 x 1,450 mm
height: 175 mm
maximum load: 1,000 kg

- suitable for all tires
 - lying storage of tires
 - storage in highbay warehouses
 - tubular rivets at all four corners for plug-irons
-



TP-AV-21

dimensions: 1,450 x 1,450 mm
height: 1,393 mm
maximum load: 250 kg

- suitable for all tires
 - flexible assembly and disassembly due to stanchions
 - high level of empties stacking
 - lying storage of tires
-



TP-ES-21

dimensions: 1,400 x 1,400 mm
height: 954 mm
maximum load: 500 kg

- suitable for all tires
 - flexible assembly and disassembly due to stanchions
 - high level of empties stacking
 - lying storage of tires
-



Load carriers for tire picking

Load carriers for tire picking are designed for handling with industrial trucks or with wheels that require low movement forces. This lowers the expenses for personnel. The dimensions of the load carriers are matched to truck dimensions and thus ensure optimal truck utilization.

This reduces logistics costs. In addition, the load carriers can be adapted with brand and color to the corporate design. They are thus recognizable to the end customer and ensure an image gain.

YOUR BENEFITS AT A GLANCE

- + Easy handling because of wheels
- + High recognition value through customizing (brands/color)
- + Optimal truck utilization through coordinated truck dimensions

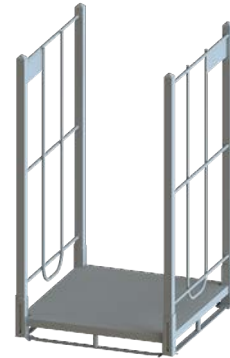


Load carriers for tire picking

CR-KF-01

dimensions: 1,150 x 1,199 mm
height: 2,057 mm
maximum load: 400 kg

- specially developed for picking tires in the warehouse
 - arms of the fork-lift truck can enter the load carrier from all four sides
 - projecting foot plates, yet at the same time it can be stacked 1 + 2 high
-



CR-DE-11

dimensions: 2,045 x 620 mm
height: 1,465 mm (2 levels) / 1,970 mm (3 levels)
maximum load: 660 kg

- developed for the picking and delivery of branch offices with tires or complete wheels
 - due to upright storage, the load is protected especially well, and the flexible removal of tires or complete wheels is guaranteed
 - top loading level is removable, and can be removed when picking smaller quantities
-



CR-HA-11

dimensions: 2,045 x 620 mm
height: 1,970 mm
maximum load: 440 kg

- mobile load carrier for tire picking and delivery
 - optimum protection for the load and flexible removal
 - two swivel castors with total stop to be fixed in position while being transported by truck
-



CR-4W-11

dimensions: 1,708 x 690 mm
height: 2,100 mm
maximum load: 500 kg

- quick and easy picking of tires or complete wheels
 - upright storage for optimum protection and flexible removal of tires
-



Load carriers for tire picking



CR-IN-21

dimensions: 809 x 719 mm
height: 1,793 mm
maximum load: 150 kg

- suitable for tires and other loading goods
- can easily be moved by hand, and can be handled by one person
- ideal for a quick and easy tire picking



CR-GO-31

dimensions: 1,310 x 1,257 mm
height: 2,230 mm
maximum load: 500 kg

- tires are either nested, with a high packing density, or they are stored upright with optimum protection
- fitted as standard with hook-in bars
- fitted with a perforated base and the arms of the fork-lift truck can enter the load carrier from all four sides

Load carriers for wheel sets

Load carriers for wheel sets are a particularly economical solution. They can be integrated smoothly into existing production process chains, which avoids the additional costs of a system changeover.

In addition, they are suitable for automation and conveyor systems. This guarantees a smooth process flow and reduces costs.

YOUR BENEFITS AT A GLANCE

- + No system changeover necessary due to smooth integration into existing production processes
- + Smooth process flow through the automation and conveying system suitability
- + Barcode serves container management and transparency, which cuts costs and simplifies replacement

CW-EF-21

dimensions: 2,400 x 1,470 mm
height: 954 mm
maximum load: 300 kg

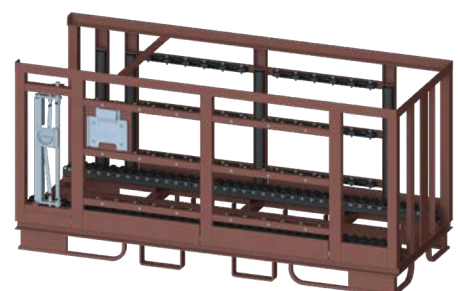
- suitable for the delivery of the complete wheels, as far as the assembly line of the automobile manufacturer
- thanks to the inclined roller track, the complete wheels roll automatically onto the belt when opening the unloading flap
- rigid version with hinged doors



CW-EF-23

dimensions: 2,050 x 800 mm
height: 1,000 mm
maximum load: 225 kg

- fork-lift truck can enter the load carrier from all four sides
- integrated roller conveyor (floor) and roller conveyors (longitudinal walls)
- optimum protection of wheel sets



Load carriers for wheels: EWPS

The European Wheel Pallet System (EWPS) is a returnable system based on the VDA recommendation 4503 and the EUWA standard ES 4.05 and is used throughout Europe. The poolable load carriers are used for the transport and storage of car/SUV and truck wheels made of steel and light metal. The wheel pallets can be stacked as high as 5 meters. Another advantage of the EWPS comes from the automatic handling and its use throughout the utilization in automatic loading and unloading systems.

The EWPS wheel pallets consist of 3 system elements:

- base pallet
- intermediate tier according to wheel size
- top frame

GEBHARDT is an approved manufacturer of base pallets and top frames for the sizes 2, 3 and 4 in accordance with VDA 4503.



YOUR BENEFITS AT A GLANCE

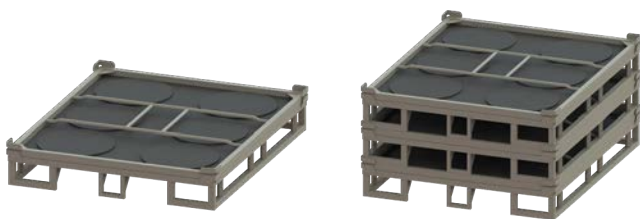
- + Economical returnable system
- + Automatic handling
- + Easy to integrate into industry-standard processes
- + Savings potential for personnel and handling costs



Load carriers for wheels: EWPS

EWPS wheels pallet size 2

type WP-ES-22



dimensions:	1,358 x 1,153 mm
max. stack height:	5 m
maximum load (per load unit):	1,000 kg
imposed load:	3,000 kg
VDA-drawing number 2 BP:	8463
VDA-drawing number 2 TP:	8509
optimally for wheels made of steel or alloy with 15" - 20"	

EWPS wheels pallet size 3

type WP-ES-23



dimensions:	1,208 x 1,208 mm
max. stack height:	5 m
maximum load (per load unit):	1,000 kg
imposed load:	3,000 kg
VDA-drawing number 3 BP:	8465
VDA-drawing number 3 TP:	8495
optimally for wheels made of steel or alloy with 17,5", 19,5", 21", 22,5" and 20"	

EWPS wheels pallet size 4

type WP-ES-24



dimensions:	1,908 x 1,208 mm
max. stack height:	5 m
maximum load (per load unit):	1,000 kg
imposed load:	3,000 kg
VDA-drawing number 4 BP:	8520
VDA-drawing number 4 TP:	8580
optimally for wheels made of steel or alloy with 22", 23" and 24"	



Load carriers for wheel discs

The GEBHARDT load carriers for wheel discs are specially developed for the required application. They are extremely stable and thus prevent damage to the load when handled professionally.

In addition, the load carriers for wheel discs are particularly durable, which can reduce the cost of replacement.

YOUR BENEFITS AT A GLANCE

- + Universally suitable for storage, transport, etc.
- + Optimum protection of the load
- + Particularly stable steel construction



WR-BT-11

dimensions: 1,300 x 1,220 mm
height: 1,380 mm
maximum load: 2,200 kg

- suitable for storage as well as for the transportation of wheel disks for rail vehicles with a diameter of up to 1,050 mm
- if properly handled, the overall stability means that no damage is caused and the loaded goods are protected
- suitable for crane loading



WR-BV-11

dimensions: 1,220 x 1,040 mm
height: 1,130 mm
maximum load: 1,200 kg

- optimal for the upright storage/transport of wheel discs with rubber suspensions
- fork-lift truck can enter the load carrier from all four sides
- different diameters and widths possible through plug-in system

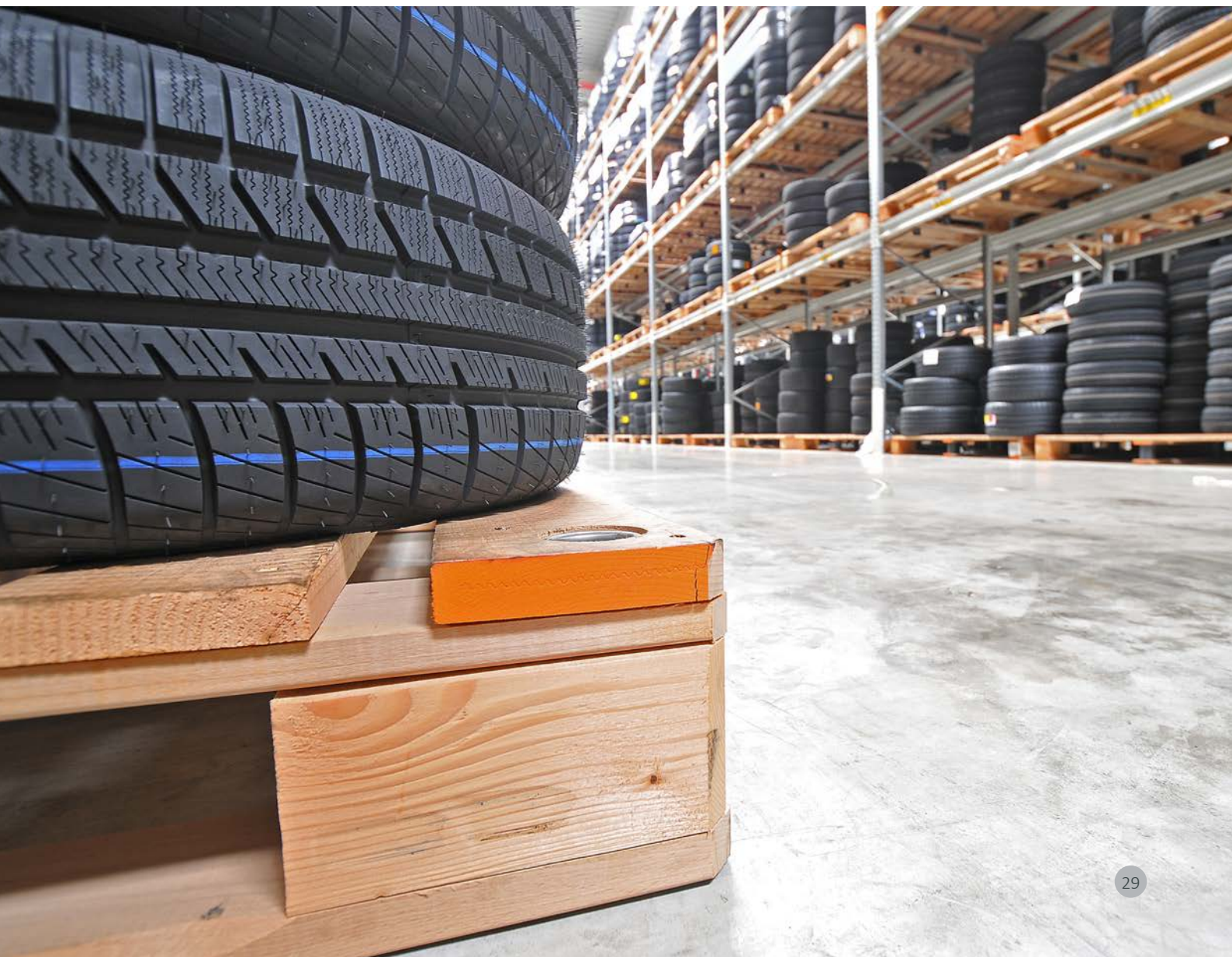


Universal load carriers

Universal load carriers are used in most industrial sectors, but also in the trade as storage and transport containers or as a display for promotional products in sales branches. The spectrum ranges from standardised half pallets to various wooden or metal attachment frames to sturdy mesh boxes. GEBHARDT also offers many additional types of different load carriers - please contact us!

YOUR BENEFITS AT A GLANCE

- + High efficiency
- + Load carriers can be supplied in customer-specific versions
- + Easy integration into many logistic processes
- + A suitable load carrier for every purpose



Universal load carriers



Four-way half pallet

dimensions: 800 x 600 mm
height: 163 mm
maximum load: 600 kg

- attractive appearance for in-store presentation of goods
- poolable standard solution
- flexible handling due to 4-way entry



Four-way entry pallet

dimensions: 800 x 1,200 mm
height: 146 mm
maximum load: 1.200 kg

- all-round used wooden flat pallet
- entry is possible on all four sides, making it flexible to handle
- exportable due to IPPC treatment
- easily be integrated into automated processes
- can easily be integrated into a company's corporate design



K7 wooden attachment frame (diagonally foldable)

dimensions: 820 x 1,220 mm
height: 230 mm
maximum load: 600 kg (4 frames)

- diagonally foldable attachment frame for for space-saving empties stacking (optionally with lid)
- compatible with Euro pallets
- quick assembly and disassembly without additional tools
- sturdy construction
- integrated pinless hinge connections prevent deformation of the side walls



K7 wooden attachment frame (medially foldable)

dimensions: 820 x 1,220 mm
height: 230 mm
maximum load: 600 kg (4 frames)

- medially foldable attachment frame for for space-saving empties stacking (optionally with lid)
- compatible with Euro pallets
- quick assembly and disassembly without additional tools
- sturdy construction
- integrated pinless hinge connections prevent deformation of the side walls

Universal load carriers

Metal attachment frame type 3626

dimensions: 620 x 800 mm
height: 980 mm
maximum load: 500 kg

- designed for half-pallets
- economical returnable solution
- galvanized
- front flap on one of the short sides for easy loading and unloading
- can be folded diagonally for optimum empties stacking
- all-round anti-slip edge to ensure secure stacking



Metal attachment frame type 3625

dimensions: 820 x 1,220 mm
height: 1,000 mm
maximum load: 500 kg

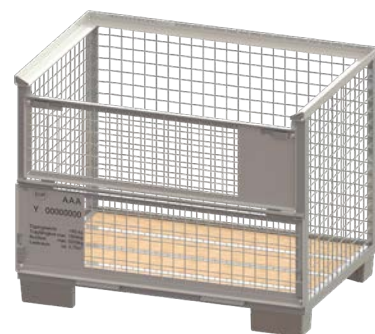
- designed for Euro pallet dimensions
- economical returnable solution
- galvanized
- front flap on one of the short sides for easy loading and unloading
- can be folded diagonally for optimum empties stacking
- all-round anti-slip edge to ensure secure stacking



UIC mesh box, rigid

dimensions: 840 x 1,240 mm
height: 970 mm
maximum load: 1,000 kg

- suitable for small parts
- container meets the current UIC standard
- flap allows easy loading and unloading even when stacked
- high load capacity and special stability
- floor construction guarantees high stability



Mesh box, folding

dimensions: 830 x 1,220 mm
height: 960 mm
maximum load: 1,000 kg

- all-purpose returnable system with proven GEBHARDT lock bar system
- compatibility with UIC mesh box
- container completely foldable
- high densification of empties





Services

The GEBHARDT portfolio also includes an extensive range of services. As a first-class partner, we are obviously also a service provider. Our offer therefore includes both the development and manufacture of logistics solutions for our customers, and the provision of a comprehensive consultation service.

We will check different handling options and discuss their advantages and disadvantages. Depending on the individual requirements, our service ranges from an individual exchange of information, to dealing with a specific question, right up to a complete „all-round worry-free package“.

YOUR BENEFITS AT A GLANCE

- + High profitability
- + Customized load carriers
- + Easy to integrate into many logistics processes
- + For every purpose the suitable load carrier and financing



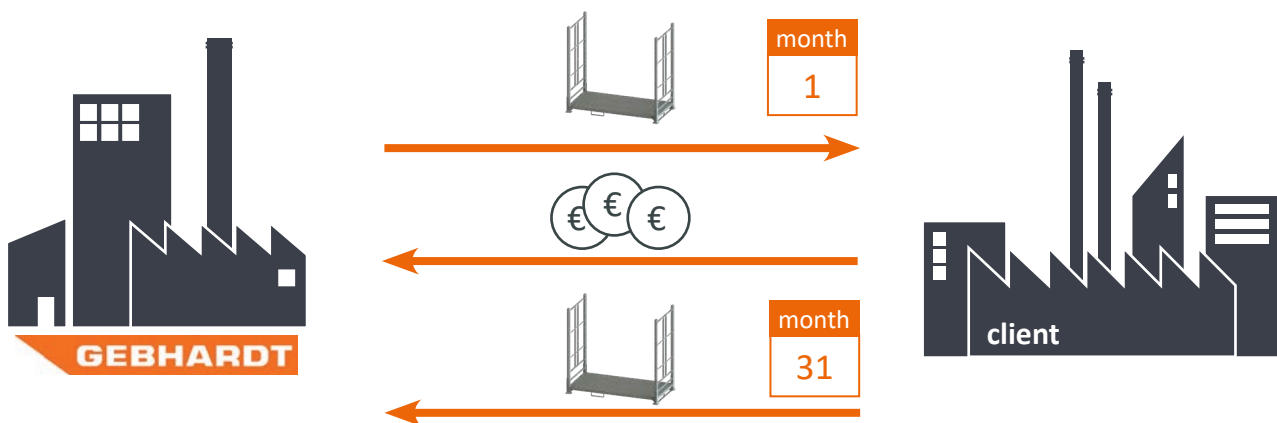


More flexibility in all situations

For more flexibility - container hire

GEBHARDT also provides container hire as an alternative to purchase. This sector has proven particularly successful in tire rack hire. The first step is to complete a requirement analysis with the customer. This forms the basis for the decision to purchase or hire.

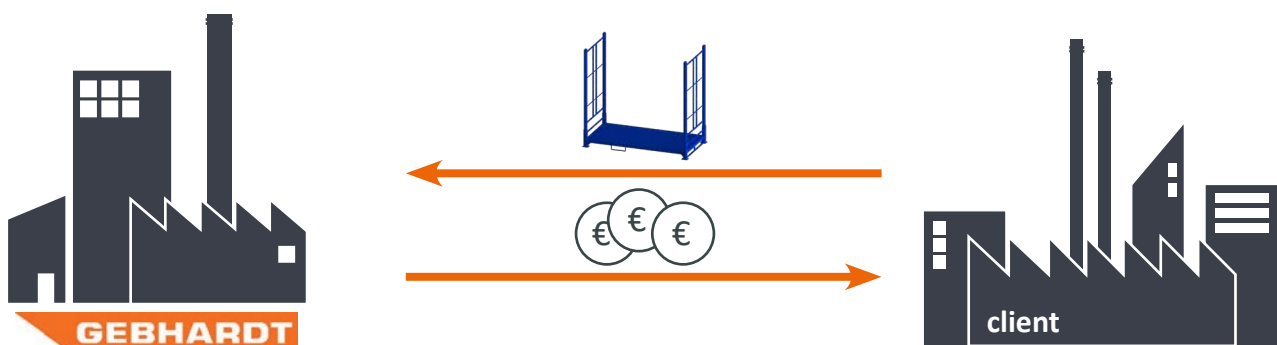
The customer benefits and gains more flexibility by having contractual periods of different lengths. For example, he could cover seasonal peaks in the short term. Or, in terms of capital commitment, hire may represent a more favorable option compared to purchase when completely refitting a warehouse. The containers can be either transferred or returned once the hire period is over.



Hard cash for your used racks - buy-back of used racks

GEBHARDT's used rack buy-back service is particularly useful when a customer's storage requirements change. Buy-back avoids surplus or unused racks occupying valuable storage space. It also makes it easier to change completely between product lines.

We ensure the transaction runs as smoothly as possible and will collect the goods directly from the customer if required. Instead of causing additional cost and possible aggravation, racks which are no longer required can instead be an additional income stream.





Container management

Container management includes the planning, control and monitoring of stocks and movements of the loading equipment. The objective of container management is to ensure the availability of load carriers required for production, transport and storage while keeping the number of containers as low as possible. In total, the container cycle involves many different partners. Suppliers, logistics service providers, customers and companies require load carriers and exchange these with each other.

In order to achieve effective container management, all partners must be actively involved in its administration. A high level of transparency is required to optimise costs and keep container volumes as low as possible.

YOUR BENEFITS AT A GLANCE

- + Container volumes can be adapted to requirements
- + Volumes can be adjusted between locations
- + Excess amounts can be stored and only re-issued if additional or replacement containers are required. New orders are reduced as a result
- + Loss due to theft is noticed quickly. Losses can be pinpointed, and targeted measures can be introduced
- + Scrap quantities can be precisely determined
- + Replacement orders can be placed on the basis of exact values

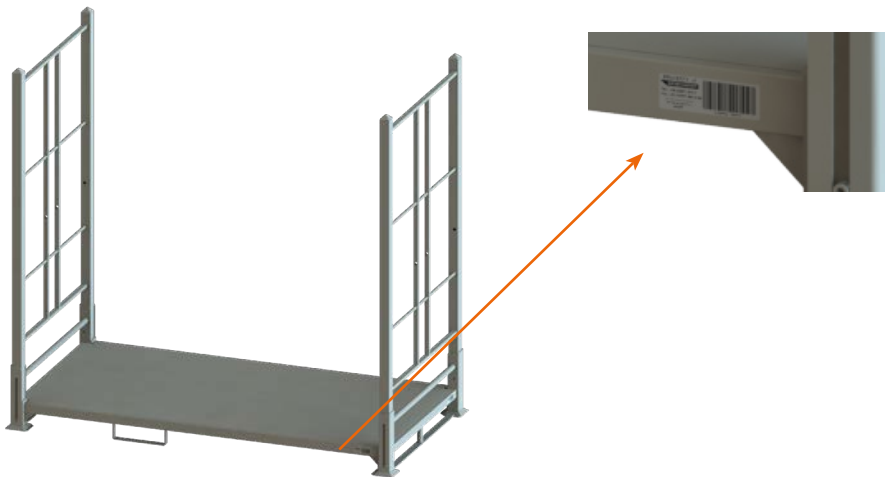




On the trail of the load carrier

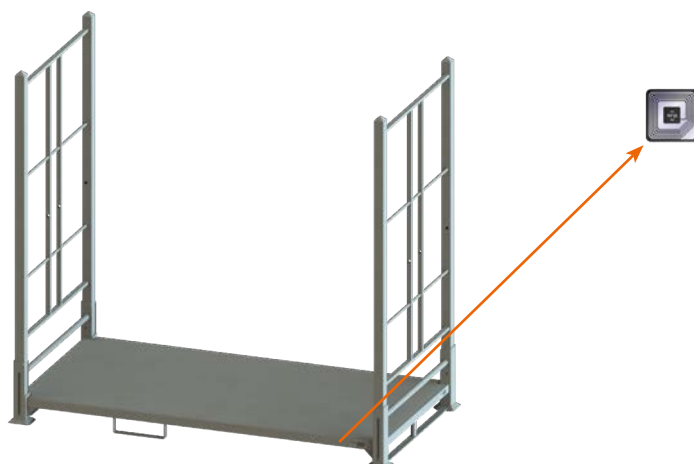
Barcode

- The code consists of parallel lines and gaps of different widths in combination with a number sequence
- A barcode label is read with optical scanners
- Barcodes can be attached to all GEBHARDT load carriers in a protected location



RFID = Radio Frequency Identification

- Automatic identification and locating using electromagnetic waves
- RFID transponders (tags) have a memory which is writable at least once and contains their fixed identity. If rewritable memory is used, additional information can be stored and also overwritten again
- A range of information can be stored on a RFID tag: product number, owner, date of manufacture, route no., etc.
- Similar to barcodes, simple tags in the shape of labels can be attached to all GEBHARDT load carriers in a protected location
- The RFID codes are compatible with industry standard gates



GEBHARDT



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