

**LIGHT CAR-CARRIER**

**CHR**



# ADVANTAGES

Designed to supplement the EUROLOHR and MULTILOHR product ranges, the CHR 1.00 product range is a family of vehicles designed to load cars and light commercials.

## ***A greater loading volume***

- a trailer with a self-sustaining side frame

## ***An optimised loading method***

- less loading time
- Optimisation of weight distribution

## ***A pre-assembled body quickly dismantled***

- short lead times
- quick transfer
- possibility to load/offload the body from the ground (depending on models)
- quick and simplified body swap operations

## ***An innovative running gear***

- single tyres 275/70 R 22.5
- disk brakes
- improved loading width between wheels

The CHR 1.00 product range consists on the one hand of a new transferable body specially studied and developed in order to optimise loading operations and on the other hand a trailer with simple wheels and low floor enabling to load:

- Cars (8 to 10 according to size)
- Vans, small vans

## ***A trailer with a self-sustaining side frame***

The trailer coupled with the carrier is built on a self-sustaining side frame that eliminates the need for traditional central beams. The increase of useful volume improves the user's flexibility in adapting his load in compliance with the various European regulations.

## ***An optimised loading method***

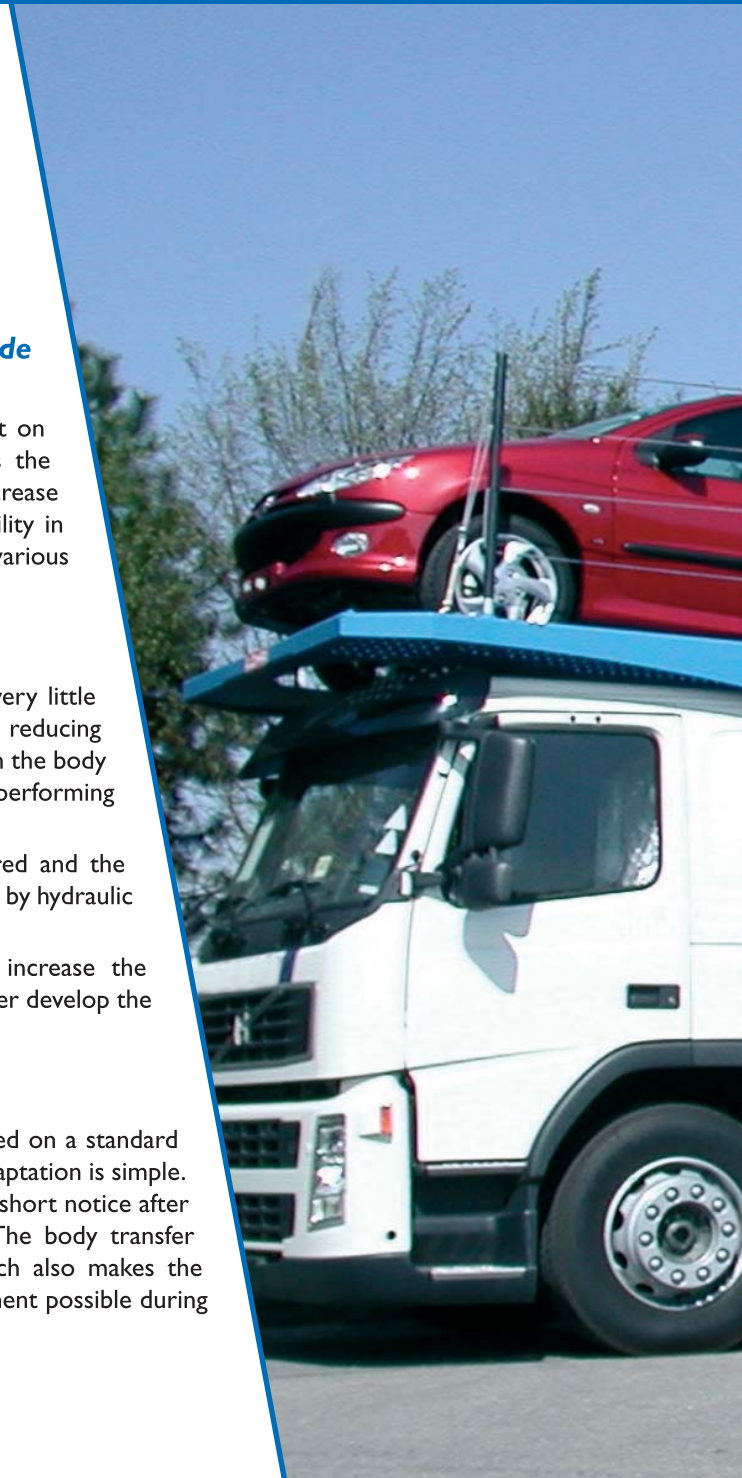
The carrier is quickly set up and requires very little handling during the loading process thereby reducing loading time. Optimised load spread between the body and trailer enables to secure an even more performing weight distribution.

Stacking is easy, few accessories are required and the securing of the hydraulic functions is ensured by hydraulic locking cylinders.

The available volume has enabled us to increase the performances of the car carrier and to further develop the loading method.

## ***A pre-assembled body***

The body is assembled before being mounted on a standard chassis (wheelbase 5500 mm,  $\pm$  100 mm). Adaptation is simple. The delivery of the car carrier is possible at short notice after receipt of the vehicle in our workshops. The body transfer is quick thanks to its modular design which also makes the addition of supplementary functional equipment possible during its lifetime.





# FEATURES

Thanks to a self-sustaining side frame, disk-braked axles, single tyres that are of similar size as the one on the trucks chassis, robustness, choice of high-grade components, and modularity of equipments, the CHR provides users with a simple traditional convoy characterized by a renowned reliability, reduced usability costs and quickness of operation.



Length	18 750 mm
Width	2 550 mm
Gross vehicle weight of trailer	15 000 kg
Loading capacity	up to 10 light vehicles
Number of body models	6
Number of trailer models	3
Lifting device	Screw and cable based or MT scissors at the rear of the trailer
Lohr's playless coupling	
Single tyres	275/70 R 22.5
Disk brakes mounted on axles with ABS breaking + EBS system including roll prevention device	

Manual adjusting of trailer suspension equipped with automatic return to road position safety feature at speeds over 10 km/h	
Aluminium stacking ramps, length 2 000 mm	2
Steel loading rails	2
Aluminium extensions	2
Wheel chocks	28
Lohr sleeved straps with ratchet tension adjuster	20
Surface protection	galvanization, anti-gravel paint or anti-impact paint
Examples of options:	
- adjustment of trailer suspension from the cab	
- engine start/stop facility on trailer	



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