



Multicar TREMO

The Compact Powerhouse

The high-performance, narrow track implement carrier and transporter for use anywhere



Flexible deployment with the highest levels of comfort, convenience and efficiency

Powerful performance in confined spaces: This is what distinguishes the Multicar TREMO. It is perfectly at home anywhere where extreme levels of manoeuvrability and work efficiency are required. Its robust construction and optimum corrosion resistance ensure a long service life. In addition, the maintenance and operating costs, which are much lower than many other implement carriers and transporters in the same class, reinforce arguments in its favour. The Multicar TREMO – an investment which pays off from the start!



Multicar TREMO C
with all-wheel steering

Narrow and compact:
the Multicar TREMO
is only 1.32 m wide and
2.04 m high



Turning radius with
all-wheel steering
just 3.10 m

Green light for environmental zones:
equipped with a particulate filter
in a closed system, the Multicar TREMO
fulfills Euro 5 and EEV

Well-conceived and aligned to your everyday work

Big performance based on attention to small details!

Even more flexible

Just 1.32 m wide, 2.04 m high and 3.68 m long: the Multicar TREMO can drive through any side street. When equipped with the optional all-wheel steering, it only needs a radius of 3.10 m to turn making it ideal for mowing small lawns or cleaning confined driveways. The Multicar TREMO can be fitted with up to three attachment points and there is a wide range of implements available for attachment making it a real multipurpose vehicle, perfectly suited to your everyday work needs!

Even more safety

The Multicar TREMO now offers even more safety when underway: The safety concept includes the robust space-frame cab and 2-circuit hydraulic brake system. The brake booster and load-dependent braking force regulation on the front and rear axle mean that critical situations are under even more control!

Even more environmental protection

Green light for all environmental areas: Pollution reduction is ensured by the powerful, low-consumption turbo diesel producing 75 kW (102 Hp). Its particle filter not only ensures the Multicar TREMO fulfils Euro 5 but also the more strict EEV standard. Furthermore, the hydraulic system, which is suited to bio-hydraulic oils and fitted with non-drip hydraulic couplings, also shows considerable environmental awareness!

Quality made in Germany

Multicar has been developed and produced in Germany for more than 50 years.



Compact and robust:
payload up to 2.8 t
with a gross combination
weight rating up to 5 t

A combination of quality and long working life

Choosing Multicar means choosing top-quality aligned with sustainability. A highly modern cathaphoretic dip painting system, the use of environmentally friendly, water base paints, sealing of overlaps and additional underbody coatings ensure vehicles have a high quality surface coating, first class anticorrosive and a long service life.



The all-wheel steering enables high-precision work, the turning radius being just 3.10 m





Ergonomic and safe
The modern panorama view cab with low extension windows provides a perfect view of the working equipment



High performance and economic:
Low-noise, 2-litre turbodiesel engine from VW producing 75 kW (102 hp).
Complies with EURO 5 and EEV standard for use in all low emission zones



Equipped with a front-mounted quick-change system in the form of a coupling triangle or attachment plate (Multicar TREMO T: attachment plate with integrated lifting equipment and mechanical inclination adjustment)



High-performance working hydraulics, e.g. the high pressure hydraulics on the Multicar TREMO CS with two work circuits produce up to 280 bar to drive implements powerfully and to raise and lower the dumper

Fit with the corresponding tyres, you are perfectly prepared for every use





1) Joystick control

for hydrostatic drive and implement operation

2) 4x4 all-wheel drive and differential lock

both available for selection for optimum traction during demanding work

3) Air-con unit

aiding concentration during work even on hot summer days

4) Hydrostatic all-wheel steering

for a minimum turning radius in confined areas of use

5) Panorama window

and heated front wind-screen for a perfect view, even in the winter months

6) Comfort cushioned seat

for the driver with longitudinal, backrest, weight and angle adjustment



1

All controls in easy reach
in the Multicar TREMO
panorama cab

Everything is under your control in the Multicar TREMO's ergonomic space-frame cab

The Multicar TREMO's comfortable, sound-insulated panorama cab with low extension windows provides a perfect view of the road, implements and working area as well as additional safety. The heated, tinted windscreen* ensures excellent conditions in all seasons. The ergonomic design guarantees relaxed, concentrated working as well as optimal operation of all the control elements. The suspended chassis and practical driving and work modes support accurate work. The quick-change facility for implements is self-evident!

*Available on option for the Multicar TREMO T



Drive, hydraulics, implements

Multicar TREMO: three compact solutions for wide-ranging tasks



Five hydraulic systems and two different drives: There is always a Multicar TREMO to meet your requirements.

Multicar TREMO T

- continuously variable adjustment of the hydrostatic drive with two powershift positions selectable under load
- optionally with 4x2 or 4x4 all-wheel drive
- with tipping hydraulics
- optionally attachment plate with integrated lifting equipment and mechanical inclination adjustment, with electrohydraulics at the front, e.g. for operating a snow plough
- available as 3.5 and 5 ton versions

Multicar TREMO C

- continuously variable adjustment of the hydrostatic drive with two powershift positions selectable under load
- 4x4 all-wheel drive and differential lock selectable
- efficient standard hydraulics with two working circuits (1x front and 1x rear) and electronically operated 4-way control valve

Multicar TREMO CS

- continuously variable adjustment of the hydrostatic drive with two powershift positions selectable under load
- 4x4 all-wheel drive and differential lock selectable
- load-sensing controlled, proportionally adjustable hydraulics with two working circuits and electronically operated 6-way control valve
- optionally also with 280 bar high-performance hydraulics





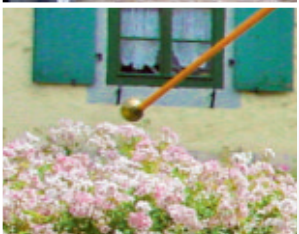
Limitlessly functional

From municipality to orchard-
ing: The comprehensive
range of implements and
accessories has made the
Multicar TREMO more ver-
satile than ever. Its modular
concept means that its use
in future is also guaranteed
through new implements
and accessories.

Tyres

To match the wide range of your individual working tasks,
there is a wide range of other tyres available for selection:

- 225/75 R 16 C all-season tyres (M&S)
- 215/70 R 15 C summer tyres, vehicle height 2 m
- 10.0/75 R 15.3 Profil 159 special tyres, special tread
- 315/55 R 16 off-road tyres (M&S)
- 325/60 R 15 wide base tyres, min. ground pressure
- 340/55-16 AW 305 grass tyres

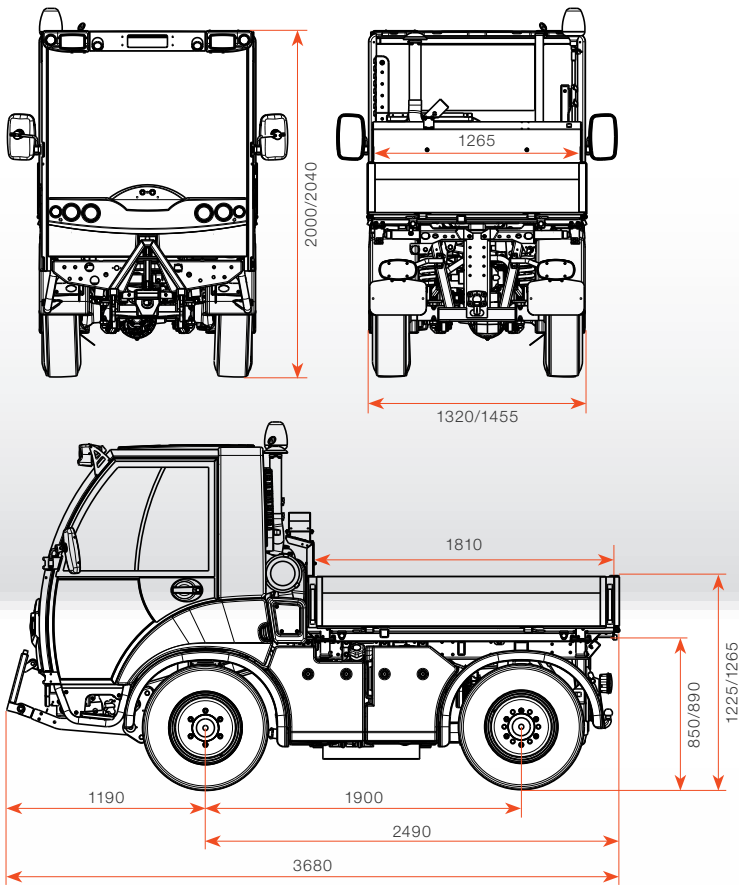


Technical data

	Multicar TREMO T	Multicar TREMO C	Multicar TREMO CS
Engine and transmission			
Engine	Four cylinder Volkswagen CJDA turbo diesel / Euro 5 and EEV compliant with particle filter in closed system		
Capacity / Output	1,968 cm ³ / 75 kW (102 Hp) at 3.000 rpm		
Max. torque	285 Nm at 1,750 rpm		
Work characteristics			
Work hydraulics	Tipping hydraulics	Efficient standard hydraulics with 2 working circuits (1 circuit each at front and rear); controlled by potentiometer in driver's cab; driven by tandem gear pump (2x58 l/min, working pressure 210 bar); 4-way electronically operated control valve	Load-sensing controlled, proportionally adjustable hydraulics with 2 working circuits and axial-piston variable adjustment pump (2x58 l/min, working pressure 210 bar); controlled by potentiometer in driver's cab; 6-way electronically operated control valve for 6 black/white control functions
Optional work hydraulics	Electrohydraulics for operating snow ploughs; electrical operation of rear spreader	Distance-dependent gritting via vehicle hydraulics	High-performance hydraulics with volume flow of up to 116 l/min to front, working pressure 210 bar, switchable to 280 bar
Front implement attachment	Optionally attachment plate with integrated lifting equipment	Front hydraulic lift with 2 double-acting hydraulic cylinders; Quick-change triangle; optionally with implement attachment plate	
Construction	On tipper or tipping bearing, rear mounted		
Drive and control unit			
Drive	Continuously variable adjustment hydrostatic drive, electronically controlled, with two drive positions selectable under load		
	4x4 and differential lock selectable on the rear axle (option)	4x4 and differential lock selectable on the rear axle (standard)	
	-	Gas-Inch function (option)	
Speed, transport mode	Forward, continuously variable adjustment 0–60 (3.5 t) or 0–50 km/h (5.0 t); reverse continuously variable 0–25 km/h	Forward, continuously variable adjustment 0–50 km/h; reverse continuously variable 0–25 km/h	
Speed, work mode	Forward and reverse continuously variable adjustment 0–25 km/h		
Steering	Hydrostatic front wheel steering	Hydrostatic front wheel steering; all-wheel steering option	
Tank volume	55 litre		
Brakes	Hydraulic 2-circuit brake system with brake booster and load-dependent braking force regulation on front and rear axles; tandem vacuum brake booster; automatic brake adjustment; mechanical parking brake acting on rear axle		
Wheelbase and load values			
Wheelbase	1,900 mm		
Max. permissible weight	3.5 t, loadable to 5 t	unloadable to 3.5 t	
Dead weight*	2.15 t	2.45 t	
Payload capacity**	1.35 t (at 3.5 t gvww) or 2.8 t (at 5 t gvww)	Up to 2.55 t	

*Without special equipment and additional implements/attachments

**Special equipment and implements/attachments reduce the payload



**Even better performance:
with special equipment for
your Multicar TREMO**

Examples include all-wheel steering and air-con unit, trailer coupling or reversible fan, and much, much more. Simply ask your Multicar specialist! They can always provide the necessary information.

	Multicar TREMO T	Multicar TREMO C	Multicar TREMO CS
Handling characteristics			
Chassis	Comfortably suspended chassis with spring suspension, hydraulic shock absorbers and auxiliary rubber springs		
Frame	Welded ladder-type chassis; offset and angled in front section for easy boarding	Welded ladder-type chassis; offset and angled in front section for easy boarding; possibility to install a suction hose (central vacuuming, e.g. combined mowing-vacuuming)	
Axles	Rigid axles each with four trailing arms and Panhard rod		
Front axle	Steering axle, steering drive axle option	Steering drive axle	
Rear axle	Driving axle option with selectable differential lock	Driving axle with selectable differential lock, optionally as steering drive axle	
Tyres	225/75 R16 C M+S		
Driver's cab	Space-frame full comfort cab with high strength, special profiles and plastic planking	Space-frame full comfort cab with high strength, special profiles and plastic planking; heated, tinted panorama windscreen as standard	

We reserve the right to make technical improvements to machines with regard to shape, colour and design without notice. Illustrations could contain optional equipment.
*Height is tyre-dependent

Hako

Clean ahead



Hako: environmental-friendly right from the start

It is our legacy to leave behind a clean planet. That is why resources-, environmental- and climate protection characterize each and every process at Hako which has been certified by independent institutions. Learn more about our on-going commitment at www.hako.com

Close to you wherever you are

Our efficient close-knit sales & service network guarantees close proximity and rapid help.

Cleanliness combined with safety

Our machines meet the highest standards. Reliable quality "Made by Hako".

Buying, leasing, renting

We offer you a number of individual and attractive financing & procurement options.

We are available 24/7

Hako's spare part express- and on-call service guarantees best possible availability.

 **Auto SAS**[®]
MANIPULAČNÍ TECHNIKA 
Gabelstapler und Multicar - Fahrzeugen
Forklift stackers & Multicar vehicles
Auto SAS s.r.o., Rychnovská 577, CZ - 517 01 Solnice
Tel. +420 494 590 100, fax: +420 494 590 104
www.autosas.cz



DIN EN ISO 9001
DIN EN ISO 14001

Hako GmbH
Head office
Hamburger Str. 209-239
23843 Bad Oldesloe
Tel. +49(0)4531-806 0
info@hako.com
www.hako.com