

Dump trailers | Grain trailers | Platform trailers | Cattle trailers | Machine trailers

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Introduction

This current product manual provides an overview of **PALMSE TRAILER** trailers. Please read this user manual carefully before using the trailer. Following requirements described in this manual will guarantee a safe and long-term use of the product.

PALMSE TRAILER trailer is meant only for the purpose of the transportation work of agricultural nature. Only agricultural tractor can be used as a means of transportation. The main function of the trailers is to perform transportation.

Special attention should be given to maintenance of the trailer. In the event of any problems, please contact the manufacturer or an authorized dealer. User of the trailer is obligated to follow all instructions and requirements described in this user manual.

Safety

Please read this instruction manual carefully before using the trailer. The user must have an appropriate and valid certificate in order to work with a tractor and a trailer.

The representative (reseller) authorized by the manufacturer should be contacted immediately in the event of any technical problems. The warranty is not valid if any repairs are done without previously obtaining an approval from the reseller.

The PALMSE TRAILER trailer should only be used for it's designated purpose. Before starting work verify the proper functioning of the breaks and lights.

NB! IT IS STRICTLY FORBIDDEN

- > To work with the trailer when under the influence of alcohol, narcotic or psychotropic substances.
- > To carry out work, and to use materials that have not been approved by the manufacturer.
- > To use the trailer to transport people.
- > To use a hand to check the possible leakage of hydraulic oil.
- Do not use any additional equipment that has not been recommended by the manufacturer.
- Do not proceed with any alteration or repair work of the dumper trailer that has not been previously approved by the manufacturer!
- Thoroughly read the appropriate instructions before doing any maintenance or service work.
- In order to hold the box in the upward position, use only the original box support. NB! Make sure that the box is empty before supporting.
- Observe traffic regulations when operating the vehicle on the road.
- Constantly observe the proper functioning of the hydraulic circuit. Immediately fix any problems.
- Before any maintenance and repair work of the hydraulic circuit make sure that there is no pressure in the circuit. Immediately fix any problems. fix or notify authorized reseller or technician for further instruction.
- Make sure that no hydraulic oil leaks into the environment.
- Make sure that oil does not get in your eyes. Use protective glasses and gloves.
- Make sure to observe the appropriate safety radius if you are working near the power transmission lines.

Safety of tipping

Tipping is always dangerous and it is therefore very important to follow correct procedures to avoid any damages to the hydraulic system or the trailer and to avoid to put in danger the driver or other people. Before tipping make sure that backdoor is opened. The more usual causes of trailers overturning are:

- Tipping on soft or sloping ground;
- Tipping mud or clay or materials that stick to the bed and sides;
- Tipping in windy or gusty conditions

Instructions for Use

- Use only the coupling device approved by the manufacturer when connecting the trailer with the tractor. Make sure of the following:
 - The trailer is placed on a stable and strong surface.
 - Hydraulic hoses and electrical wires are intact.
 - Breaks and lights are functioning properly.

MARKING OF HOSES					
Function	Color				
Tipping	RED				
Backdoor Open/ Rear Ramp UP	L. BLUE				
Bacdoor Close/ Rear Ramp DOWN	D. BLUE				
Rear Axle Block OFF	L. GREEN				
Rear Axle Block ON	D. GREEN				
Steering Block ON	YELLOW				
Steering Block Oil Return	ORANGE				
Hyd. Drawbar	GREY				
Brake	\geq	\ge			
Bale Holder Left UP	WHITE	L. BLUE			
Bale Holder Left DOWN	WHITE	D. BLUE			
Bale Holder Right UP	BROWN	L. BLUE			
Bale Holder Right DOWN	BROWN	D. BLUE			

- Do not forget to lift the supportleg before changing the location of the trailer.
- Make sure that during unloading there is nobody in the working area. Safety radius is 10 m.
- Place the wheel chocks when loading and brakes are not active.
- Do not overload the trailer.
- Make sure that there is nobody behind the trailer when driving in reverse.
- Before driving make sure that the load is properly fixed and placed as evenly as possible. When using additional extensions make sure that they are closed.
- During driving make sure that the trailer is moving exactly behind the tractor. Be aware of the fact that the trailer may be wider than many of the tractors used for towing. Do not put other drivers in danger.
- Do not exceed the speed limit! Adjust your driving speed according to road and weather conditions. Be especially careful when driving through bends.
- Do not load so much that the pressure on the towing eyelit exceeds the permitted laws and regulations. The pressure is largly determined by the way the load is distributed on the trailer bed, and it is users responsibility to ensure that this is not exceeded.
- Max permissible drawbar load, that trailer is designed for is given on trailers technical information.
- Never make tight turns at high speeds
- Do not use pressure more than 200 bar for hydraulic circuit.
- For hydraulic brakes it is allowed max 160 bar.
- Check tire pressure and wheel bolts regularly.
- Check brakes and lights regularly.

Dumper trailers

- In order to prevent the corrosion of the tilting cylinder do not allow the trailer to stand with a lifted box for a long time.
- Never leave the trailer with the box in the tipped position.
- Never work under a box unless it correctly propped and in a safe environment.
- Always verify that tyre pressures are correct before tipping.
- Do not tip in windy conditions.
- Before tipping make sure that backdoor is opened.
- If the trailer does not tip smoothly immediately lower and check cause.
- If the load sticks, lower the box before resuming tipping operation.
- In icy conditions always tip with particular care and check that the load discharges evenly.
- Do not shake the trailer forward and backward when tipping. It may break the cylinder.
- During tipping operation drive forward smoothly to make room for all load behind the trailer.
- The tipping cylinder is made for lifting purpose only and must not be considered as a box stabilizer.

20 – 22 ton loading capacity trailer with parabolic springs and steering axles

- Activate rear axle blocking, before tipping.
- When the box of the dumper is on lower position (on the frame) unlock rear axle before driving.
- Trailer is equipped with selfsteering axles rear (2-axle trailer) and in front and rear (3-axle trailer). When driving reverse, it is necessary to block steering with hydraulic cylinders. Before starting to drive forward, it is important to put hydraulic valve on tractor to free flow position (unlock steering on axles).

Maintenance

IMPORTANT:

BEFORE MAINTENANCE AND SERVICE OPERATIONS READ AND UNDERSTAND THE SAFETY INSTRUCTION!

- Maintenance works must be carried out regularly to ensure safe and malfunction-free operations.
- Maintenance works does not require any special tools. The user can perform most of the operations.
- Use correct tools.
- Attempt to localize the defects as clearly as possible; you should have to avoid opening the system unnecessarily.
- Keep disassembled parts and repair area protected from dirt.
- Keep spare parts in their packages until needed for installation.

During maintenance

- Be sure that the trailer is standing on a flat surface.
- Be sure that the trailer can't move.
- When lubrication or servicing the trailer, turn off the vehicle engine.
- Be sure that the trailer can't slip when you using support leg, jack or similar equipment.
- Always use the box support in tipping position when servicing.
- Never attempt to do maintenance works on the hydraulic system before you are sure there is no pressure.
- Do not tighten or repair leaking hydraulic couplings while the system is pressurized.
- Never attempt to localize a leakage from hoses or connections by feeling with hand. The highpressure oil jet can penetrate skin and cause serious burns and damages. High-pressure oil is also highly flammable.
- Avoid getting oil into eyes. Use safety goggles and gloves. If oil has got into eyes flush them with cool water, contact the doctor.

Protecting equipment against weather

Cylinder rods are chrome plated but corrosion of chrome and red rust of base metal can occure if left unattended for long periods of time to the elements of weather or surrounding chemicals. Use Würth Protective Vax art. code 0893082 or similar protective agent.

Problems can occur:

- When acid element in rain sticks on rod, the acid will melt the plating.
- When chloric element in sea water sticks on rod, the element melts the plating in chemical reaction.
- When chemical in the air such as sulfuric acid sticks on rod, the chemical reaction melts the plating.

Protect and inspect cylinder rods of hydraulic drawbar, hydraulic ramps, axle block, steering axle(s), hydraulic supportleg, hydraulic bale holders:

- 1x a week, add light layer of protective vax.
- Prior leaving the trailer unused for longer periods of time, afterwards 1x a month, add thicker layer.

Maintenance operations

Lubricate the trailer from the lubrication points shown in drawings page nr. 8-10 Maintenance schedule is shown in *Table 1.*

GREASING	TILTING BUSHES (every 16 workhour) Dumpers	BALANCING BUSHES (every 16 workour)	SUSPENSION (once a month)	WHEEL BEARINGS (once in a year)	TOWING EYE (every 16 workhour)	TILTING CYLINDER (every 16 workhour) <u>Dumpers</u>	BUSHING OF BACKDOOR BACKDOOR CYLINDER (every 16 workhour)	BACKDOOR MOORING (every 16 workhour)	HYDRAULIC DRAWBAR SUSPENSION (every 16 workhour) If included	STEERING AXLES (every 16 workhour)	BRAKE LEVERS (every 16 workhour)	REAR RAMP BUSHES (every 16 workhour)	REAR RAMP CYLINDER BUSHES (every 16 workhour)	SUPPORT ARM PUSHES, CYLINDER BEARINGS AND BALE HOLDER BEARINGS (every 16 workbourd	DRAWBAR BUSHES (everv 16 workhour)	FRONT AXLE ROTATING TABLE (every 16 workhour)
PT350D	✓			~	~	✓	1	~								
PT350P	✓			~	1	1	1	1								
PT600	✓			✓	1	✓	✓	√								
PT700	✓			~	*	✓	✓	~								
PT800	✓	1		✓	✓	✓	1	1								
PT1011	✓	✓		✓	✓	✓	1	1								
PT1000 (PT950)	✓	1		✓	1	✓	1	1								
PT8610	✓	1		✓	1	✓	1	1								
PT1000IS	✓	✓		✓	✓	✓	1	1								
PT1300MB (PT1200)	✓	✓		✓	1	✓	1	1								
PT1300SB	✓	✓		✓	✓	✓	1	1			1					
PT1300IS	✓	✓		✓	✓	✓	1	1								
PT1217	✓	✓		✓	✓	✓	1	✓								
PT1317SB	✓	✓		✓	✓	✓	1	✓			✓					
PT1600MB (PT1500MB)	✓	✓		✓	✓	✓	1	✓	√		✓					
PT1600SB	✓	✓		✓	✓	✓	1	1	✓		✓					
PT1620MB (PT1520MB)	✓	✓		✓	✓	✓	✓	✓	✓		✓					
PT1620SB	✓	✓		✓	✓	✓	✓	1	✓		✓					

Table 1

GREASING	TILTING BUSHES (every 16 workhour) <u>Dumpers</u>	BALANCING BUSHES (every 16 workour)	SPRING SUSPENSION (once a month)	WHEEL BEARINGS (once in a year)	TOWING EYE (every 16 workhour)	TILTING CYLINDER (every 16 workhour) <u>Dumpers</u>	MOORING OF BACKDOOR CYLINDER (every 16 workhour)	BACKDOOR MOORING (every 16 workhour)	HYDRAULIC DRAWBAR SUSPENSION (every 16 workhour) <i>If included</i>	STEERING AXLES (every 16 workhour)	BRAKE LEVERS (every 16 workhour)	REAR RAMP BUSHES (every 16 workhour)	REAR RAMP CYLINDER BUSHES (every 16 workhour)	SUPPORT ARM PUSHES, CYLINDER BEARINGS AND BALE HOLDER BALE HOLDER BEARINGS (every 16 workhour)	DRAWBAR BUSHES (every 16 workhour)	FRONT AXLE ROTATING TABLE (every 16 workhour)
PT1620L-MB	1	~		✓	1	~	1	1	1		~					
PT1620L-SB	✓	1		✓	✓	✓	✓	✓	✓		✓					
PT1900MB (PT1800MB)	✓	✓		✓	✓	✓	✓	1	1		✓					
PT1900SB (PT1800SB)	✓	✓		✓	✓	✓	✓	✓	✓		✓					
PT1920MB (PT1820MB)	✓	✓		✓	✓	✓	1	1	1		✓					
PT1920SB (PT1820SB)	1	✓		✓	✓	✓	1	1	1		✓					
PT1922L-MB	✓	✓		✓	✓	✓	1	✓	1		✓					
PT1922L-SB	✓	1		1	✓	✓	1	1	1		1					
PT2012	1		1	✓	√	✓	1	✓	1	1	√					
PT2021	✓		1	✓	✓	✓	1	1	1	1	4					
PT2023	✓		1	1	✓	✓	✓	1	✓	✓	✓					
PT2026	✓		1	✓	✓	✓	1	1	1	✓	1					
PT2221	✓		1	✓	✓	✓	1	1	1	1	✓					
PT2223	✓		1	✓	√	✓	1	1	1	1	✓					
PT2226	✓		1	✓	✓	✓	1	1	1	1	✓					
PT2228	✓		1	✓	✓	✓	1	~	1	1	✓					
PT3650		✓		✓	✓											<u> </u>
PT3750PS		✓		✓	✓											<u> </u>
PT3800		✓		✓	✓											
PT3925		✓		✓	✓											<u> </u>
PT3980F		✓	1	 ✓ 	✓									✓	✓	✓
PT4430				✓	✓											ļ
PT4650		✓		✓	✓											

Table 1

GREASING	TILTING BUSHES (every 16 workhour) <u>Dumpers</u>	BALANCING BUSHES (every 16 workour)	SPRING SUSPENSION (once a month)	WHEEL BEARINGS (once in a year)	TOWING EYE (every 16 workhour)	TILTING CYLINDER (every 16 workhour) <u>Dumpers</u>	MOORING OF BACKDOOR CYLINDER (every 16 workhour)	BACKDOOR MOORING (every 16 workhour)	HYDRAULIC DRAWBAR SUSPENSION (every 16 workhour) <i>If included</i>	STEERING AXLES (every 16 workhour)	BRAKE LEVERS (every 16 workhour)	REAR RAMP BUSHES (every 16 workhour)	REAR RAMP CYLINDER BUSHES (every 16 workhour)	SUPPORT ARM PUSHES, CYLINDER BEARINGS AND BALE HOLDER BEARINGS (every 16 workhour)	DRAWBAR BUSHES (every 16 workhour)	FRONT AXLE ROTATING TABLE (every 16 workhour)
PT4800		✓		✓	✓											
PT307	✓	1		✓	1	✓										
PT125	✓	1		1	4	1										
PT150	✓	1		~	~	✓										
PT150SB	✓	~		1	~	1										
PT190	✓	✓		✓	1	✓										
PT5750			~	~	✓							~	1			
PT5850			1	✓	✓							✓	1			

Tabel 1

Lubrication points and locations



1. Drawbar 2. Wheels, axles and bogies 3. Tilting pushes and tilting cylinder 4. Backdoor



Support arm bushes and cylinder bearings. 2. Hydraulic bale holder bearings 3. Drawbar bushes.
 Front axle rotating table (2 points).

For grease nipples it is recommended to use Beacon EP2, Multipurpose GR Moly, Mobilux EP2, Mobil Grease MP Special, Energrease LS-EP2 lubricants or with similar properties lubricants.

1. Drawbar



Drawbar - towing eye

Hydraulic drawbar suspension (optional equipmen)



Brake lever and bogie bushes

Brake lever and leaf springs (tighten after 100 km)





Tandem and tridem suspension (dumer trailers)(top of leaf spring contact point to support bracket).



Single, tandem and tridem suspension (platform and machine trailers)(greas nipples, top of leaf spring contact point to support bracket.

3. Tilting pushes and tilting cylinder



The lower end of tilting cylinder - sprayable grease



The upper end of tipping cylinder

Rear ramp (cylinder) bushes (Only machine trailer)



4. Backdoor

Grease change in hub bearings

Every 3000 working hours (or every 50000km travelled). As with the bearing gap check, lift the axle with a jack until the wheel rotates freely, then:

Flanged hub cap version:

1. remove the hub cap;

2. remove the elastic stop pin on the rack nut;

3. remove the rack nut;

4. remove the hub complete with drum and bearings from the spindle;

5. perform this operation on one wheel at a time to avoid exchanges components between one wheel and the next. When simultaneously removing several wheel, mark the bearing cages to avoid incorrectly reassembling them;

6. clean the brake, check general conditions and wear. Replace any warn or damaged parts, eliminate any lubricant residue that could jeopardise good brake operations;

7. remove all used grease residue, clean the bearings and gaskets, replace damaged parts;

8. grease the conic housings and bearing rollers as indicated in the illustration, using ADR Lithogrease 3* grease, the amount necessary for each bearing is about 150g;

9. reassemble all parts as indicated in the illustration with the help of bushings to avoid alignment errors that could damage bearings.

10. before reassembling the rack nut (flanged hub cap version) apply a layer of grease on the bearing, reassemble and adjust the nut as indicated in bearing gap adjustment point.

*ADR Lithogrease 3 grease is the recommended grease for bearings but it can be replaced with Beacon EP3, Mobilux EP3 or similar grease with NLGI 3 grade.



Trailer jacking location

When lifting wheel in the purpose of wheel replacement or bearing checking it is allowed to do so only on stabile ground. Always use wheel chocks!



Wheel jacking location on a trailer with mechanical bogie, stubaxle



Wheel jacking location on a trailer with spring bogie, axle

Bearing cap check

After the first 200 working hours at full load (or after the first 300 km travelled), afterwards every 1500 hours (or every 25000 km travelled). Make sure the wheel bearings do not rock. This check is performed by lifting the axle with a jack until the wheel is off the ground and rotates freely. Insert a lever between the ground and tyre and force the wheel up to find any gaps.

Bearing gap adjustment:

- remove the hub cap;
- remove the elastic stop pin on the rack nut;
- tighten the rack nut while simultaneously rotating the wheel until the hub is slightly braked;

- rotate the rack nut until a slot with the holeon the spindle is found and insert the elastic pin. Make sure the hub rotates manually with slight resistance - top up ADR Lithogrease 3 grease on the visible part of the bearing and reassemble the hub cap.



Bearing cap adjustment (version of flanged hub cup) Bearing cap adjustment (version with press-in hub cup

Wheel nut check

After first 100 km or 3 workhour check and if necessary retighten wheel nuts (*Table 3*). Afterwards check and tighten wheel nuts:

- After first load
- After first 1 000 km
- Every 6 months or 25 000 km

Assembly and fixing of the wheels Wheel stud	Tightening Nm
6x205, M18x1,5	270 +20
8x275, M18x1,5	270 +20
8x275, M20x1,5	350 +30
10x335, M22x1,5	450 +60
Table 3	

After first 100 km retighten leaf spring restraining nuts with 385 Nm torque. Further on retighten after every 300 km.

Pay special attention to:

- wheel bearing protective cover must be intact and without damage. Damaged bearing protective cover must be replaced immediately. If not replaced the bearing will get destroyed by climate and dirt!
- avoid cleaning cylinders with pressure washes
- protect the cylinder always from weld spatters and dirt!
- Check the wear of the brake shoe after evey 500 workhours of after 8500 km.

Tyre pressure

Check tire pressure regularly.

Wheel type	Max pressure (bar)	Load (kg) 40km/h	Load (kg) 65km/h
11.5/80-15,3	3,4	1950	
400/60-15,5 AW STARCO	3,6	2900	
400/60-15,5 SG STARCO	3,5	2900	
19,0/45-17 TVS-EUROGRIP 14PR	3,9	3060	
500/50R17 149D IMP TL Mitas Uni Service	5	4420	3250
500/50R17 146D R305 TL Tianli	3,8	4125	3000
500/50R17 145D Flotation Radial Tianli	4	3960	2900
500/50-17 TVS-EUROGRIP 18PR	4,5	4250	
500/50R17 149D BKT RIDEMAX FL 693 M TL	5	4420	3250
520/50-17 SG STARCO	4	4375	
520/50-17 AW STARCO	4	4375	
550/45-22,5 SG Starco, TVS, Alliance	2,8	4375	
600/50-22,5 Mitas	2,6	5150	4635(50km/h)
600/50-R22.5 Tianli	4	5950	4375
600/50R-22,5 Alliance	4	5950	4375
600/55R26,5 165D Flotation Radial TL Tianli	4	7000	5150
710/45R22,5 165D Flotation Radial TL Tianli	4	7000	5150
710/45R22,5 Alliance -885 TL165D-steel belted	4	7000	5150
215/75R17,5/18 Aeolus 135/133J	8,3		2060 (100km/h)

Table 2

If wheels of your trailer are not included in Table 2, contact with reseller or manufacturer

Hydraulic and electrical schemes

Pole	DIN no.	Color	Description
1	L	yellow	Direction indicator left
2	"S" 54g	blue	Rear fog light
3	31	white	Earth for contacts 1-7
4	R	green	Direction indicator right
5	58R	brown	Side lights right (e.g tail, outline marker or nr. plate)
6	54	red	Brake lights
7	58L	black	Side lights left (e.g tail, outline marker or nr. plate)





1	Brake cylinder (2, 4 or 6 pcs) 1x 3/8": Brake quick connect PFT1.1310.002
2	Tilt cylinder – 1x 1/2" : Quick connect couplingC23072-08
3	Rear axle block – 2x1/2" : Quick connect couplingC23072-08
4a, 4b	Hydraulic drawbar suspension cylinders (optional equipment) – 1x 1/2" : Quick connect couplingC23072-08
5	Rear cylinder (convert hatch has 1 cylinder) – 2x 1/2" : Quick connect couplingC23072-08
6	Rear lights (optional equipment)
6a	Side lights (optional equipment)
7	Steering block - rear axle or front and rear axle (models with steering axles) – 2x 1/2" : Quick connect couplingC23072-08



4a

Hydraulic scheme for steering axles



22

Airbrakes scheme

ACCO SUITCINC OR COMMENTATION OF REPRODUCTION DE CE DOCUMENT, TOUTE EXPLOITATION OU COMMUNICATION DE SON CONTE-NU SONT INTERDITES, SAUF AUTORISATION EXPRESSE. TOUT MANOUEMENT À CETTE REGIE CONSTITUE UN ABUS SONT INTERDITES, SAUF AUTORISATION EXPRESSE. TOUT MANOUEMENT À CETTE REGIE CONSTITUE UN ABUS EVIDENT E EXPOSE SON AUTEUR AU VERSEMENT DE DOMAGES ET INTERETS. TOUS DROITS DE PROPRIETE INDUSTRIELLE RESERVES, NOTAMMENT EN MATIERE DE BREVETS ET DE MODELES. WEITERDAGE SONE JE VERVIELACE, VERVETUNE UN ADUE STATUON EXPRESSE AUTORISATION ESTRICTON OF THE CONTENTS THEREOF METERDAGE SONE IT NICHT AUSTRUCKLICH ZUGESTANDEN. ZUWIDERHANDLUNGEN STELLEN EINEN OFFENSICHTLICHEN MESTERDAGE AUTORISATION VERPFLICHEN ZU SCHADENERSATZ. ALLE RECHTE FUER DEN FALL DER PATENTERTEILUNG IMEE SAUTOF TO REGISTRATION OF A UTILITY MODEL ON THE VERFEN MESTERDAGE SONE IT NICHT AUSTRUCKLICH ZUGESTANDEN. ZUWIDERHANDLUNGEN STELLEN EINEN OFFENSICHTLICHEN MESTERDAGE AUTORISATION OF ZU SCHADENERSATZ. ALLE RECHTE FUER DEN FALL DER PATENTERTEILUNG OF THE SCHADEN WITHOUT EXPRESS AUTORITY FOR AUTORITY MODEL OR DESIGN. THIS DOCUMENT STELLEN EINEN OFFENSICHTLICHEN MESTERDAGE AUTORISATION OF A UTILITY MODEL OR DESIGN. THIS DOCUMENT IN ALLE RECHTE FUER DEN FALL DER PATENTERTEILUNG OF THE SCHADEN WITHOUT EXPRESS AUTORITY OF DAMAGES AUTORITY OF DAMAGES AUTORITY OF DAMAGES AUTORITY OF DAMAGES AUTORITY THE AUTORITY FOR AUTORITY OF THE AUTORITY OF BREVETTIO MODELLI. COPVING OF THIS DOCLMENT, AND GIVING IT TO OTHERS AND THE USE OR COMMUNICATION OF THE CONTENTS THEREOF, ARE FORBIDDEN WITHOUT EXPRESS AUTHORITY. CONTRAVENTION OF THIS RESTRICTION WILL CONSTITUTE AN EVIDENT ABUSE AND RESULT IN A LIABILITY TO THE PAYMENT OF DAMAGES. ALL RIGHTS ARE RESERVED IN THE EVENT OF THE GRANT OF PATENT OR REGISTRATION OF A UTILITY MODEL OR DESIGN. THIS DOCUMENT IS THE SUBJECT OF COPYRIGHT. DCN-NO. 16 8 9 16 -15 Ð 12 DA E 10 b DATE Þ 4 DRAWN VORRAT.ROT FUNCTION 16 16 RODUCT IDENTIFICATION NO 12 BREMSE, GELB 2 axle trailer \odot Front axle - Pos 11 Rear axle - Pos 12 1 2 CODE FOR 1 - front axle 2 - rear axle(steering) SHAPE 10 1 ENTWAESSERUNGSVENTIL 934 300 001 0 9 1 SPANNBAND 451 999 ... 2 CODE FOR DOCUMENT 1 LUFTBEHAELTER 950 0 8 **REPLACEMENT** 1 ANH.-BREMSVENTIL MIT BREMSKRAFTR. 471 005 531 0 7 16 2 PRUEFANSCHLUSS 6 463 703 ... 0 . | 1 PRUEFANSCHLUSS 463 703 100 0 15 1 SCHILD "BREMSE" 899 140 200 4 4 1 SCHILD "VORRAT" 899 140 201 4 3 SHEET 2 1 KUPPLUNGSKOPF 952 201 003 0 12 1 MEMBRANZYLINDER 423 ... 0 Ş 0 1 1 KUPPLUNGSKOPF 952 201 004 0 11 1 MEMBRANZYL INDER 423 0 _ POS. PCS. DENOMINATION PRODUCT IDENTIFICATION NO. POS. PCS. DENOMINATION PRODUCT IDENTIFICATION NO.

Warranty Conditions

The warranty is valid for one year from the date of presenting the supply or an invoice.

The product warranty is valid only if the following conditions are fulfilled:

- The requirements described in this user manual have been adhered to.
- Only the original spare parts have been used during maintenance.
- The maintenance work has been carried out by specialists with an appropriate qualification.
- The dumper trailer has not been exposed to excess load.
- Allowed pressure has been used in the hydraulic circuit.

The product warranty is not valid if there are any alteration or repair work done that has not been previously approved by the reseller or if the damage is caused due to the incompetence or incorrect use of the product. The product warranty does not cover any transportation costs nor any income not received due to any kind of failure.

The manufacturer reserves the right to make changes without any previous notification.

Manufacturer:

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