Instruction and Parts Manual

K1500

2 Wheel Hydraulic Tractor

Part no 6000 000 002 Compiled 12/4/10

UK

Kersten Maschinenvertriebs GmbH
D - 46459 Rees, Empeler Straße 93-95
www.kersten-maschinen.de
Tel.: 028 51 / 92 34 0
Fax: 028 51 / 92 34 44

Kersten (UK) Ltd
Progress House, 39 Boulton Road
Reading, Berkshire RG2 0NH

Phone: 0118 986 9253
Email: info@cnect2.com

Contents

1.0 Forward

Dear Sir, Madam,

Thank you for purchasing a quality product the company Kersten.
This product is designed and produced using the most modern manufacturing techniques and extensive quality assurance measures.
It is only when you are satisfied with your product that our goal is achieved.
Before the first use of this machine or attachment, please read this manual fully and conscientiously. Please ensure all operators of this machine and any attachments also read this information.
Keep this document handy for future reference. By referring to this manual you can then operate this machine safely and effectively.

We wish you every success with your Kersten Machine.

Georg Kersten

Geschäftsführung

2.0 About this manual

2.1 Product Identification

Always quote model number and serial number when ordering spare parts.
The identification plate may be found on the main chassis of all machines.

2.2 Before operating

Before you start the engine or attempt to attach or operate any machine, we ask that you urgently to make yourself familiar with the manual and the operation of the machine.
If you are in any doubt over any operation or require further details, you should contact the supplier, importer or manufacturer of this product.
It is mandatory that all users of this product are familiar with this manual and the product.
You should first make yourself familiar with the machine at a slow speed and on a flat, even surface.

- **This symbol indicates important safety information!**
- **Read all safety references on the following pages!**
- **Read the operating instructions before attaching or start-up!**
- **Use this manual in conjunction with the power unit manual if applicable!**
- **Pass all safety instructions onto other users!**

2.3 Notes on using this manual

All points to be considered are indicated as follows:

- Text
- Text
- Text

Procedural instructions are indicated as follows:

1. Text
2. Text
3. Text

The machines described in this manual are subject continual to technical proress. All information/pictures and technical data in this manual correspond to the latest specifications at the time of publication. The manufacturers reserve the right to make alterations at any time.

3.0 Health and safety

It is important to note that not all possibilities can be covered within this manual. The manual assumes that the operator has a general awareness for Health and Safety to have been appointed an operator in the first place.
This machine has been designed, so far as is reasonably practical, so that it will not endanger the safety of the operator or anyone else if the machine is used and maintained according to the instructions stated in this manual which have been compiled following research and experience of the manufacturers.
In order to minimise the risk of accidents please consider the following information.

3.1 Intended use

- The machine is exclusively intended for professional employment in the management of land, forestry, amenity and landscape conservation and for sole use with designated attachments. (Also see individual attachment instructions.)
- Use going beyond that described is not considered as intended. Therefore the manufacturer is not responsible for any resulting damage or harm and the operator alone is responsible for the risk.
- Compliance with and adherence to the operating, maintenance and repair as prescribed by the manufacturer in this manual must be considered essential elements of intended use.
- The machine may only be operated, repaired and serviced by persons familiar with the machine, this manual and all relevant safety features and dangers.
- The relevant rules for the prevention of accidents as well as other safety relevant rules according to the health and safety at work act must be considered as part of the operating procedure.
- The manufacturer is not liable for any accidents or damage resulting from modifications or alterations carried out on the machine without the express written permission of the manufacturer.

3.2 General health and safety and accident prevention advice

3.2.1 General Principles

- Follow general operating instructions and all additional health and safety regulations!
- This machine should not be operated by any person under the age of 16, not even under adult supervision. Minors must not be allowed to play with the machine.
- This machine may be subject to regulations when used on the public highway.

- Before starting operating this machine you should be familiar with all controls and their functions. Familiarization should not be carried out during operation. It is too late!
- Beware of rotating parts—keep safe distance.
- Beware of trailing machines and machines with inertia. Ensure they stop completely before making any adjustments.
- Standing in the danger area of the machine is forbidden!
- Operators are advised to wear suitable clothing that is close fitting with stout footwear– safety boots. Loose fitted clothes or casual footwear increase risk of accident.
- Do not leave the engine running in an enclosed area.
- Keep machine clean to reduce the risk of fire
- Be aware that the handling, steering and braking ability of power units machine may be affected by different attachments, when loading/unloading and when using on gradients.
- Do not change manufacturers fast idle speed. Too high speed in creases the risk of accidents.
- Unauthorized alterations, which compromise the reliability of the machine are prohibited!
- Always inspect the machine prior to use.

3.2.2 Safe working area and hazard area

- The operator is responsible for operating the unit in the work area.
- The operator is responsible for third parties in the work area.
- Third parties must not be in the working area.
- Look out for any children or animals close to the work area. Ensure you have adequate visibility.
- Prior to starting work survey the area for objects that could cause a hazard and remove them.
- When operating in confined areas always allow sufficient safety margin against border to avoid damage to the machine.
- Avoid crossing public thoroughfares with implement engaged to prevent the possibility of erroneous debris being ejected from the machine.
- When operating machinery in public areas or in the immediate vicinity, use suitable, prominent signage to draw the publics attention to the hazards of the working area.

3.2.3 Prior to commencing work

- Before attempting to operate the machine, please familiarise yourself with all the equipment, controls and their function. Ensure all safety devices are properly fitted and in the protective position.
- Learn how to stop and park to machine quickly and safely in the event of an emergency.

3.2.4 Starting the machine

- When starting the machine all drives must be in the disengaged/off position.
- Do not run engines indoors.
- Be aware of flammable fluids if jump starting cables are used. Avoid explosion!

3.2.5 Whilst operating the machine

- Never leave the operator console/position while driving.
- Never adjust the handlebar while engine is running
- Never leave the equipment unsupervised, when the engine is running.
- Never leave the machine whilst engine is running.
- Do not transport goods or passengers on the machine.
- Always switch off machine, let it come to rest and disable a machine before attempting to clear any type of blockage or making any adjustment.
- Only leave the operating position once the machines has come to a complete rest and is safely parked.
- If a fault with the machine is detected, stop immediately and rectify before further use.
- Consider carefully before attempting to operate any machine on any inclined slope.
- Where possible always traverse a slope, not up and down.
- Wet and icy weather can increase the hazard of operating any machine on a slope.
- Always equip the machines fully with any attachments the manufacturer may have designed to allow the machine to be operated in sloping, slippery, unusual or extreme conditions, e.g. dual wheels, cage wheels.
- The machines designed for operation on slopes will to come to a rest if you release the handlebars. In an emergency situation do not attempt to prevent slipping using your physical strength otherwise you may be carried away.

3.2.6 Leaving the machine unattended

- Close the fuel valve when machine is not in use (if present)
- Always choc the wheels or apply parking brake (where fitted), when leaving a machine.
- Always disable a machine when not in use but removing the ignition key or removing the spark plug lead.
- Try to minimise the possibility of unauthorised use.
- Never leave a machine before it has been switched off and come to a complete rest.

3.2.7 Wheels and tyres

- Before working on the wheels ensure the machine has been fully disabled.
- Always choc the wheels to prevent the machine from rolling.
- Regularly check wheel nuts for tightness and retighten if necessary.
- Repair work on tyres must be carried out by trained personnel using suitable assembly tools.
- Check tyre pressure regularly. With too much air pressure the tyres may explode!

3.2.8 Attaching and detaching implements and accessories

- Before attempting to attach or detach any implement, ensure the power unit and any PTO is disabled.
- Always use appropriate tools, gloves and other suitable safety clothing.
- When attaching and detaching implements always ensure that all parts of the equipment are stable and suitably supported at all times.
- Always apply the parking brake (where fitted) or use chocks to prevent machines from rolling away.
- Attachments are often heavy. Always plan in advance how to change the attachments using the easiest an safest method. This will reduce the possibility of injury.
- After attaching implements, ensure all pins are secured and safety devices are enabled and operational.
- After attaching implements, visually inspect the complete unit for any possible fouling areas in and out of work conditions.

3.2.9 Cleaning, maintenance and repair work

- The machine should be maintained according to the instructions contained within the manual.
- All controls, engine and functions must be cleaned regularly.
- Before attempting to clean or maintain any part of a machine, ensure the machine is stopped and has come to a rest and the power unit and any PTO is disabled.
- Always use appropriate tools, gloves and other suitable safety clothing.
- Damaged and worn parts must be replaced.
- Always use original spare parts from the manufacturer to be certain the technical requirements match the design of the machine thereby minimising the risk of accidents.
- The machines must be kept clean. It is advisable to use a high pressure washer to do so, however be careful to avoid direct water jets on bearings, seals, grease points, hubs, engine air intake, radiator and electrical items.
- After cleaning and maintenance ensure all safety devices are connected, adjusted and working.
- Always keep engine free from dust and debris to prevent a potential fire hazard.
- Regularly check all fixings such as nuts and bolts. Tighten where required.
- Repairs should be carried out by a specialist engineer
- If it is necessary to raise the machine to facilitate cleaning or maintenance, ensure that it is supported and secured.
- Hydraulic transmission systems are often found on these machines. The system can reach very high pressures and temperatures. Before working on the hydraulic system of any machine, ensure the system has been depressurised and left to cool. Pressurised liquids can penetrate the skin and cause serious injury. Wear suitable safety clothing. In case of accident, always seek medical advice.
- Inspect hydraulic hose lines at regular intervals for damage and ageing and replace if necessary.
- When working on electrical systems with a battery always disconnect the earth terminal from the battery.
- If welding on a machine that has a battery, always disconnect the battery first.
- It is not acceptable to carry out welding, drilling or cutting on structural items of the machine, axles or safety devices etc.

3.2.10 Engine, fuel and oil

- Before re-fuelling, turn the engine off, allow to cool down and take ignition keys out (if available).
- Always use appropriate tools, gloves and other suitable safety clothing.

- Whenever handling fuel there is an increased risk of fire. Never refill near a naked flame or sparks. Do not smoke!
- Oils, fuels and filters should be disposed of separately using a compliant method.
- Do not refuel in confined spaces.
- Always use the appropriate tools to refuel to avoid spillages. If a spillage occurs by accident, clean it up immediately.

3.2.11 Electrical system and battery

- When working on an electrical system with a battery, always disconnect the earth terminal from the battery.
- When connecting a battery always connect positive terminal before the negative terminal.
- Beware of battery gasses. They are explosive.
- Never allow sparks or open flames near a battery.
- Caution when handling battery and/or acid. Very Caustic! Wear eye protection and gloves in addition to any other suitable safety clothing.
- The positive terminal must always be protected by a complete battery cover or terminal cover to prevent accidental contact with negative or ground.
- Persons with cardiac pacemakers should be especially cautious whilst touching the electrical or engine ignition system. Serious injury could occur! Do not touch.

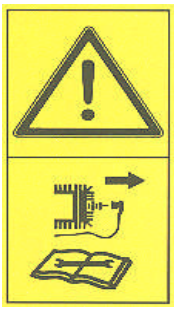
3.3 Safety Decals

- This machine is equipped with warning symbols (safety decals).
- These decals indicate types and areas of endangerment and in particular the safety measure which should be taken.
- Always remain alert and conscious of the dangers the decals indicate on the machine, you are operating, presents to you and others.
- The decals must be maintained in good condition, they are important safety devices.

The following decals are present on this machine:

Attention!

Before starting the operating instructions and read and follow safety instructions.



Attention!

Before repair, maintenance and cleaning work, always stop the engine and remove spark plug and or key.

There is a risk of injury.

Do not open or remove guards if machine is running.

There is a risk of injury.

Ensure all machine parts have been stopped and come to a complete rest before attempting to carry out inspection or maintenance.

There is a risk of injury from flying objects being ejected from the machine.

Always keep a safe distance from machine when it is in operation.

Refer to instruction manual for maintenance information.

Lubrication point

4 Disposal

This device must be disposed of according to the regulation of the municipality or the country. All possible parts should be recycled and the remainder disposed of in a satisfactory manner.
The company Kersten Maschinenvertriebs GmbH or Kersten (UK) Ltd does not take responsibility of disposal.

5 Warranty

The manufacturer guarantees its products for 12 months from the date of delivery.
Parts characterised by faults in materials, mechanical and productions processes will be replaced free of charge by the manufacturer through its sales and technical servicing network.
The fault found must be reported to manufacturer and, should the circumstances require, be appropriately documented with a written technical report and/or photographic material.
The faulty part must be returned to the manufacturer who, after inspecting it and verifying that the warranty is applicable, will repair or replace it, taking the necessary time to do so, without charging for either material or labour.
The cost of transport of the parts covered by warranty shall be borne by the customer, who may organise it personally or authorise the manufacturer to take care of transport and charge all expenses to the customer.
The warranty shall be voided in the following cases:
- Obvious absence of maintenance
- Improper use of equipment or interference
- Use of non-original spare parts or unsuitable lubricants
- Operations carried out by unauthorised personnel
-The manufacturer excludes consumable materials and parts subject to normal wear and tear from the warranty.
- Any damages caused during transport must be reported immediately to the transporter; otherwise the warranty shall be voided.
- The warranty does not cover direct or indirect damages caused to persons or objects by failure of equipment or due to enforced prolonged suspension of its use.
- When applying for repairs under warranty, please indicate:
1-serial and model number of the equipment
2-registration number
3-date of purchase
4-dealer name

IMPORTANT! Please complete the warranty registration form enclosed and send it to address below within 14 days.
Kersten (UK) Ltd, The Byre, Goodboys Lane, Mortimer
Reading RG7 3AH or info@kersten-machines.com

6 Recommendations

6.1 Lubricants

For engine and transmission lubricants please see "technical specification section" of this manual and separate engine manufacturers instruction manual.
For "open" or nipple lubrication points, we recommend a bio-degradable manufactured from organic compounds. We recommend the use of biolubricants where possible.
By using bio-lubricants you act properly to protect the environment, promote the health of humans, animals and plants.

6.2 Fuels

Engines manufactured by Honda and Briggs and Stratton are able to run on unleaded or premium unleaded petrol. Do not mix oil with the petrol.
Do not store unleaded fuel for more than 30 days. If a machine is going to be unused for more than 30 days, it should be drained of fuel to prevent a build up of resinous residue in the tank, fuel lines, filter and carburetor or a fuel stabilizer may be added to the fuel—see manufacturers instructions.

6.3 Maintenance and repair

Your dealer has trained mechanics who have the necessary training, skills and tools to perform maintenance and repairs on this equipment.
Only personnel with similar appropriate training and equipment should be allowed to carry out repairs and maintenance of this product.

6 Specification

Type	
Engine	Honda four-cycle petrol engine 6.5 HP low noise, low oil automatic shut off, regular grade unleaded petrol fuel
Fuel Tank	3.6 Litre
Electrical Start	Optional
Forward Driving Speed	0-7 km/h (step less speed control adjustability)
Backwards Driving Speed	0.3,5 km/h (step less speed control adjustability)
Hydraulic Oil Tank	10 litre
Hydraulic Oil	Avia syntofluid N68 (68 grade biodegradable oil)
Tyre	4.00 x 8 with optional 16 x 6,50 – 8 block profile
Tyre Pressure	Normal running pressure 15 psi + or - 2
Parking Brake	to transport, affecting both wheels
Wheel Weights	optional
Weights	119 kg
Dimensions	Length 142cms width 75cms height 115cms
Noise Level	<84 db at operators ear
Vibration	2.86 m/s² This may vary when different attachments are fitted
additional equipment	wheel weights
Attachments available	Trailing sulky seat, front sweeping machine with collector and gully brush, snow blade, rotary grit spreader, reciprocating knife mower, weed brush.

Operating the Machine

7.1 Safety Instructions

All operators of this machine must read and understand this operator's manual
All operators of this machine must carry out daily maintenance checks and ensure all functions, operating and safety, of the machine are in good working condition.
All operators of this machine should wear all applicable personal protection equipment.

7.2 Handlebar operating Controls

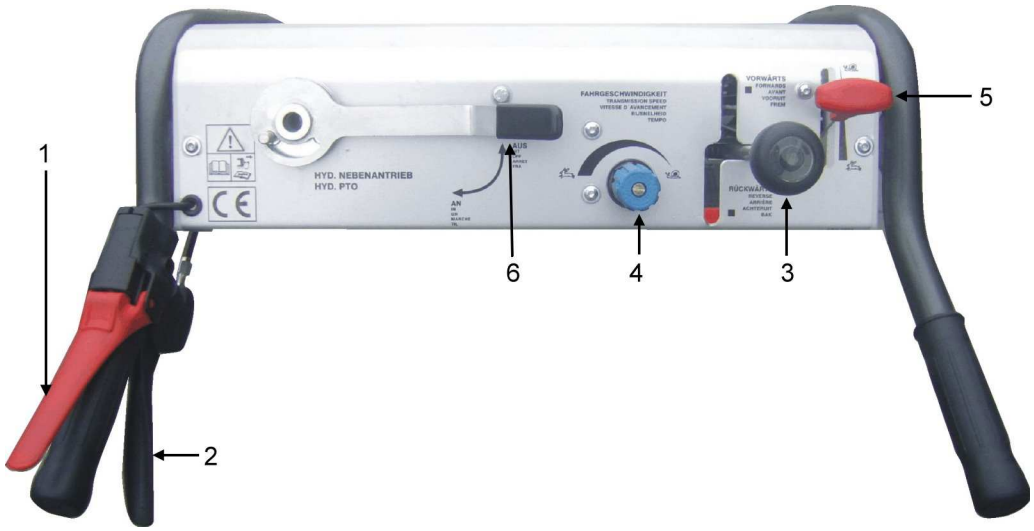


Figure 5.1

1 Operator Presence Control

The operating controls feature a key safety device which is designed to help protect the health and safety of the operator. The operator presence control is a red spring loaded lever situated on the left hand handle bar. The lever is linked to the engine stop control system. The lever is held down by the palm of the operator and then allows the transmission control lever and the attachment lever to be engaged. This means when either the or forward/reverse selection control lever or the attachment control lever are engaged and the operator presence control is released, the engine will stop preventing any further powered operation of the machine. The same system ensures the engine can not be started when either the attachment or forward/reverse selection control levers are engaged or drive position.

Warning.

Do not operate this machine if the operator presence control system is defective in any way.

2 Transmission Control Lever

The transmission control lever implements a smooth sequential drive to the wheels of the machine. It operates in a similar manner to a clutch pedal in a car.
With the spring loaded lever in the rest position, the machine is in drive. When the lever is progressively squeezed the transmission disengages.

3 Forward/Reverse Selection Control

This control lever has a neutral position, a forward position and a reverse position. These positions correspond to the motion of the machine. There are also sequential positions in between (see operating the Transmission). The neutral position is marked "0".

4 Transmission Speed Control Valve

The blue speed control valve can restrict the top speed of the transmission. By turning the valve fully anticlockwise, the transmission speed is unrestricted. Turning the valve clockwise will sequentially restrict the speed of the machine.

5 Throttle Control

The throttle lever controls the speed of the speed of the engine. By pulling the lever fully down increases the engine speed to maximum. Pushing the lever fully up, reduces the engine speed to idle.
The machine is able to operate at all engine speeds but the faster engine speeds produce increased oil flow resulting in more available power and speed to the transmission and implement.

6 Attachment Control Lever

This spring loaded lever engages the hydraulic attachment. The lever may be latched in the engaged position.

7.3 Operating the Transmission (Refer to figure 5.1)

This machine features a unique, versatile, infinitely variable, forward/reverse transmission developed by Kersten.
The transmission utilises a combination of 3 of the controls found on the handle bar control centre.
The 3 controls are
1) Transmission control lever
2) Forward/reverse control lever
3) Speed control valve

There are 2 distinct methods of operating the machine.

a) Depress the Transmission control lever (2), select the direction of drive using the forwards/reverse control lever (3) then slowly release the transmission control lever (2) to achieve movement. Use the speed control valve (4) to regulate the speed of the machine for use in a controllable manner.

OR

b) Without depressing the Transmission control lever (2), slowly select the Forward/reverse control lever in the preferred direction of travel. Use the speed control valve (4) to regulate the speed of the machine for use in a controllable manner. In this operating style the Transmission control lever (2) is not utilised.

Note. The operator presence control must be held down at all times when the transmission is in operation otherwise the engine will cut out.

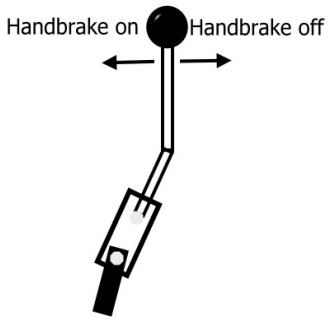
7.4 Operating the Attachment
The attachment control lever (6) provides power to the hydraulic attachment. It is operated by rotating the lever anti clockwise about 90 degrees until it locks in to position. To disengage the lever, rotate the lever in an anti clockwise direction.

Note. The operator presence control must be held down at all times when the attachment is in operation otherwise the engine will cut out.

7.5 **Parking Brake** (When Fitted)
The parking brake locks the tyres of the drive wheels

Push the lever forwards to engage the parking brake.

Pull the lever backwards to release the parking brake



7.6 Adjusting the Handles

The handlebar assembly is adjustable for height and/or angle in 2 places

. The first is at the lower end of the handlebars. There are 2 x M12 bolts which secure the iso-mountings of the handles to the chassis. There is an upper position and lower position that may be selected according to preference. There is also a fore and aft position

The second is on the upper part of the handles. Release M10 screws. Raise or lower the handle to a comfortable position and tighten screws.

8 Maintenance

8.1 General information

Note!
Injuries to people or Damage to the machine can occur.
You should check before each use that the machine is safe and the Relevant parts and hydraulic connections are properly connected.

8.2 General

This machine must be regularly maintained
Following maintenance, any safety devices that may have been isolated or dismantled
Must be reattached and tested before the machine resumes service when the machine is used again.
Check all fixings and pin connections after the first 5 hours of use and lubricate All moving parts
Check all hydraulic fittings for leakage and security before every use.
Check hydraulic fittings after 5 hours use for the first time, and tighten if necessary

Important note: Only tighten a hydraulic joint if it is leaking.

Procedure: Loosen the screw connection then move hose left and right. Now the screw connection can be tightened again.

8.3 Daily maintenance

- check the safety and control parts for wear before every use.
- check the oil level and Air filter.
- check the Hydraulic fittings and linings
- check the air pressure in the wheels.
- do a test run before every use.
- clean the equipment after every use.
- regularly lubricate all adjustable and moving parts on the power unit and any attachments

8.4 Maintenance after 20 and 100 hours use or longer

All mobile parts must be greased and oiled regularly including at the beginning and the end of each season.

Oil change Honda motor:
Change For the first time after 20 hours use, then every 100 hours use after that.
For further information, see engine manual.

Hydraulic oil change:
The hydraulic oil and oil filter should be changed after the first 20 hours and then after every 100 hours
Type of oil used: BP Biohyd SE-68 (biologically degradable Ester based) or similar.
Check hydraulic oil level by removing orange filler cap. A flat steel plate can be viewed when you peer in to the tank. The oil level is correct when the oil is just covering the plate

Drive chain
Check chain tension between hydraulic motor and differential. There should be 13mm deflection in the centre of the longest part of the open chain. The chain should be lubricated with a quality chain oil.

 **Caution**

This machine operates with hydraulic oil at high pressure. This oil can get very hot and could burn. Oil at high pressure can penetrate the skin and cause injuries.

8.5 General Safety points

Ensure all used oils and filters etc are disposed of in a safe, correct and environmentally sound way.

Isolate the battery, when fitted, before carrying out any work on the machine

Keep the machine clean at all times

Only use original spare parts from the manufacturer

9 CERTIFICATE OF CONFORMITY

EG Konformitätserklärung

entsprechend der EG-Richtlinie 98/37 EG

Der Inverkehrbringer

Kersten Maschinenvertriebs GmbH
Empeler Straße 93 – 95
D – 46459 Rees

erklärt in alleiniger Verantwortung, dass das Produkt

K1500

auf das sich diese Erklärung bezieht, den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG Richtlinie 98/37/EG entspricht.

Zur sachgerechten Umsetzung der in den EG-Richtlinien genannten Sicherheits- und Gesundheitsanforderungen wurden folgende Normen und / oder technische Spezifikationen herangezogen:

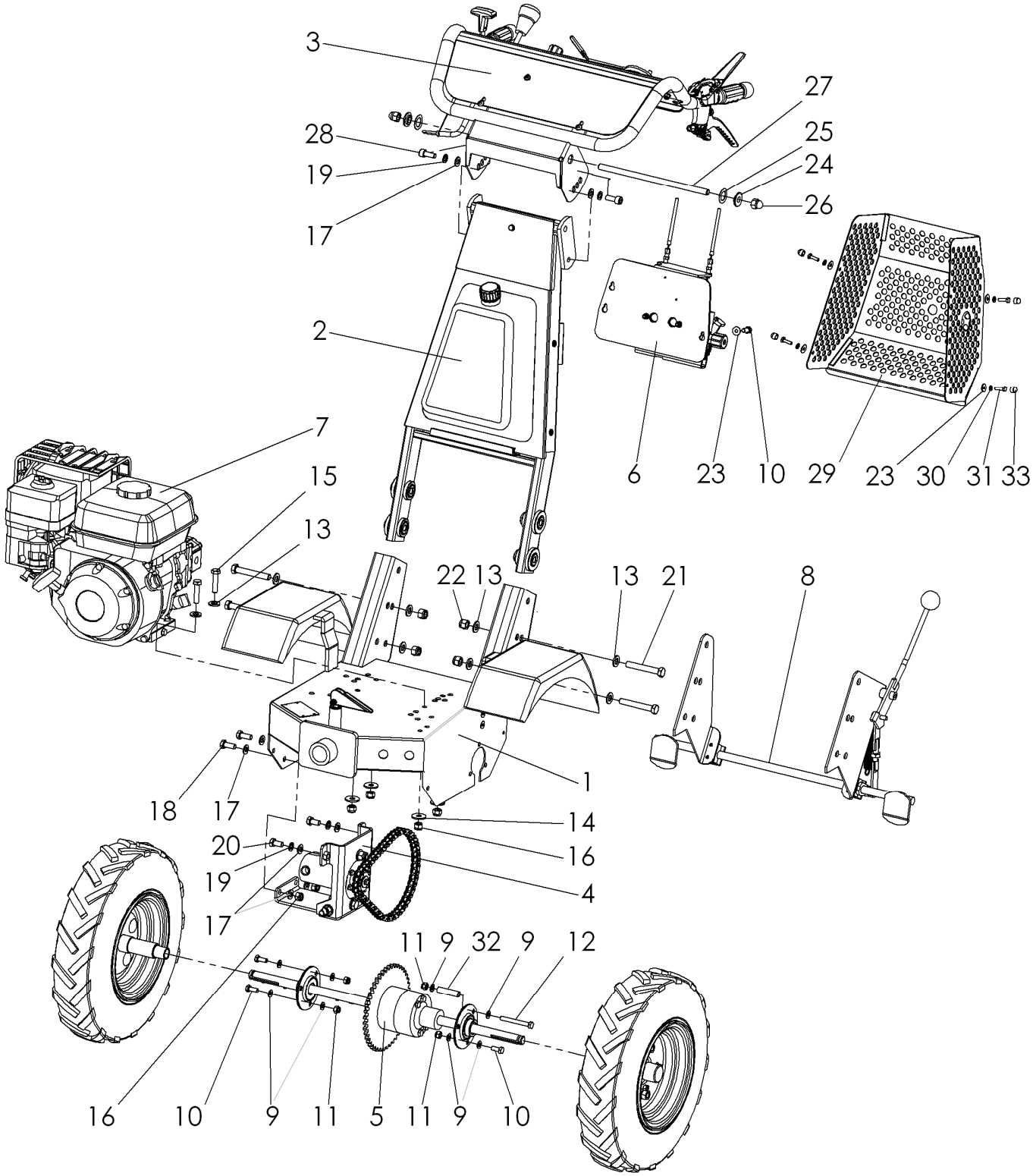
98/37/EG

Maschinen-Nummer : _____

Rees, den 26.03.08 Dipl.-Ing. Georg Kersten

Geschäftsführer

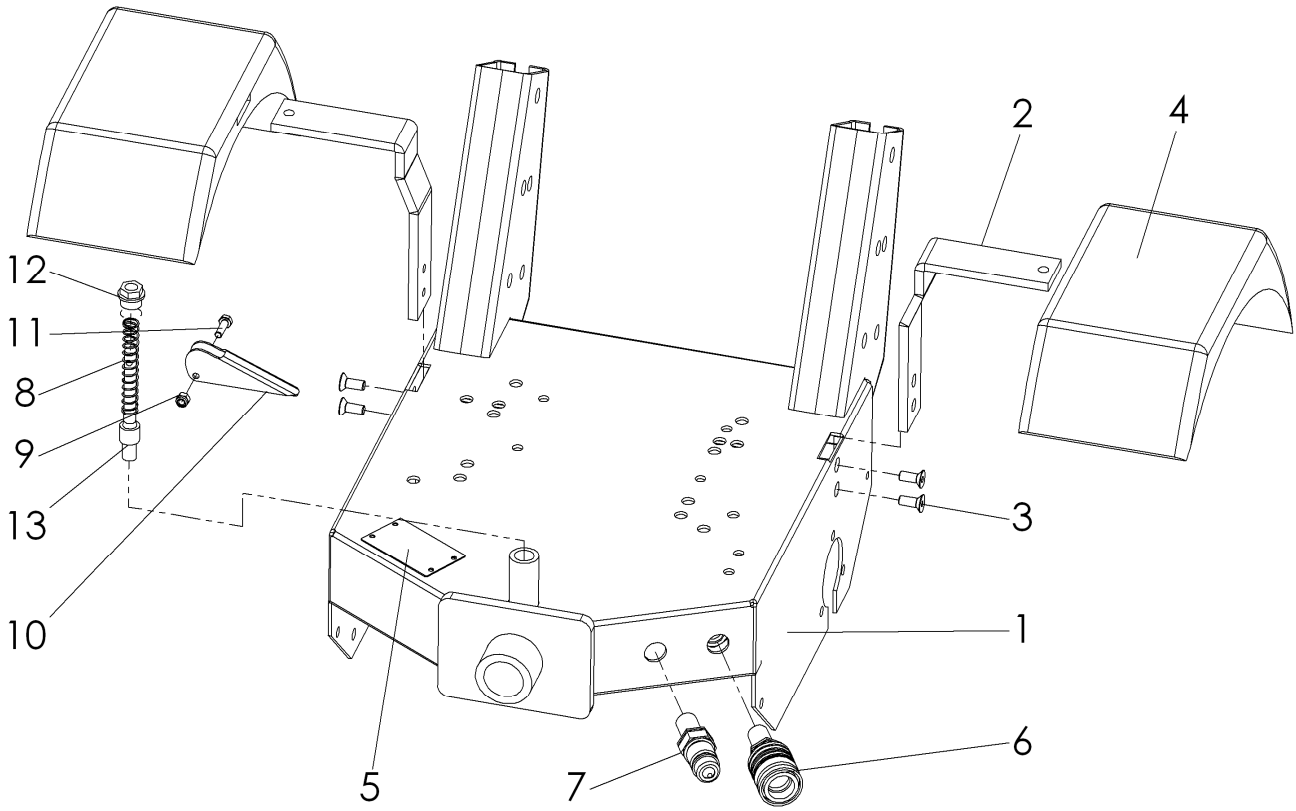
K 1500 Zusammenbau **Stand 20.10.2009**
C00162 AKX



K 1500 Zusammenbau **Stand 20.10.2009**
C00162 AKX

Nr.	Art.-Nr.	Anz.	Benennung
1	C00011	1	Basic chassis KDM 35
2	C00176	1	Management jamb short, steamed, small tank simple filter gland
3	C00002	1	Panel toggle valve, single lever
4	C00161	1	Driving motor KDM 35 Assembly
5	C00007	1	Differential axis with Center drive KDM 35 / 70
6	C00003	1	Hydraulic control for Fahr & ancillary train
7	C00159	1	Honda Motor 3.1 6PS cc
8	C00018	1	K-series parking brake Assembly
9	905 108 000	6	U disk
9	905 108 000	7	U disk
10	901 008 020	8	Skt.-screw
11	900 008 002	6	Stop nut
12	901 008 070	1	Skt.-screw
13	905 112 000	12	U disk
14	905 210 000	4	K disk
15	901 010 045	4	Skt.-screw
16	900 010 002	6	Stop nut
17	905 110 000	8	U disk
18	901 010 025	2	Skt.-screw
19	905 010 000	4	Spring ring
20	901 010 020	2	Skt.-screw
21	901 012 080	4	Skt.-screw
22	900 012 002	4	Stop nut
23	905 206 018	7	K disk
24	767 000 121 VZ	2	Jack
25	905 320 010	2	Registration plate
26	900 012 003	2	DIN parent
27	767 000 124	1	Gwindestange
28	901 810 025	2	Zyl.-screw with inside Skt..
29	700 500 056	1	Hood hydro
30	905 006 000	4	Spring ring
31	901 006 020	4	Skt.-screw
32	700 500 061	1	Pipe
33	943 559 006	4	Filler cap

Grundgehäuse KDM 35 Zusammenbau **Stand 30.09.2009**
C00011 AGX

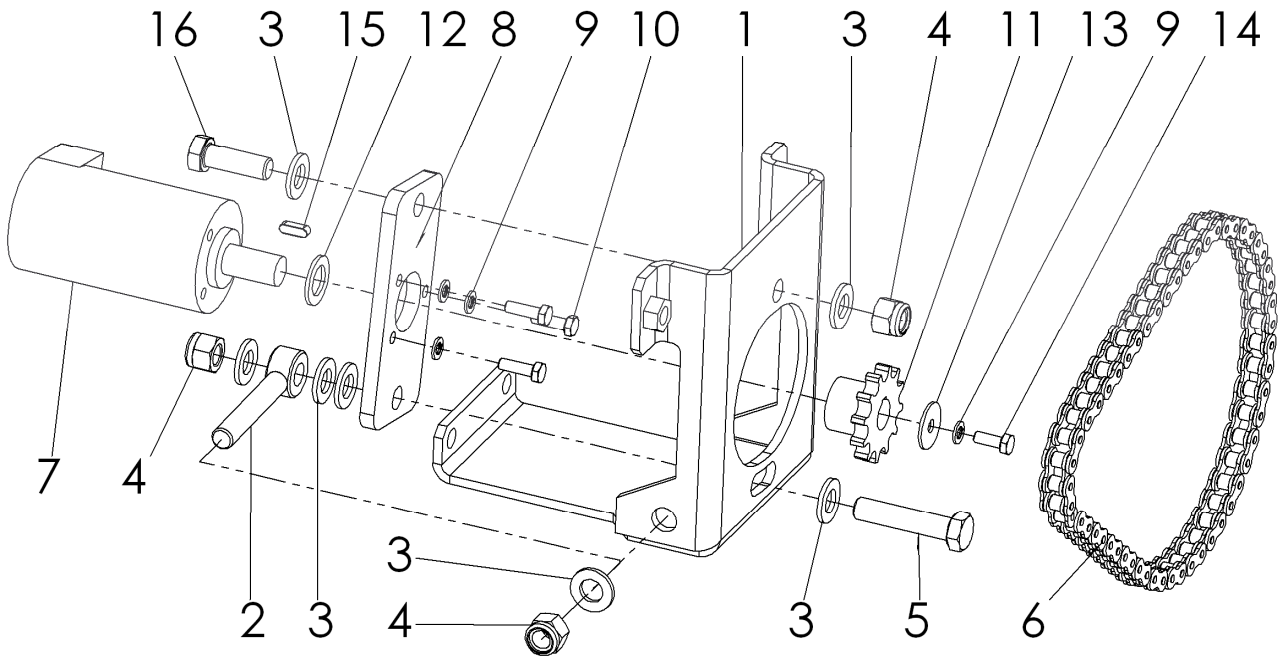


Nr.	Art.-Nr.	Anz.	Benennung
1	C00011	1	Basic chassis KDM 35
2	700 500 050	2	Holder fenders
3	901 208 020	4	Senkkopfschr. with inside Skt..
4	926 900 001	1	Fender set
5	950 900 070	1	Plate
6	932 261 223	1	Bulkhead socket
7	932 161 323	1	Bulkhead connectors
8	909 100 189	1	Locking pin Druckfeder
9	900 005 002	1	Stop parent M5
10	700 000 172	1	Sicherungshebel
11	901 005 020	1	Skt.-screw
12	700 000 171	1	Verschlussschraube
13	700 000 170	1	Locking pin

Fahrantrieb KDM 35 Zusammenbau

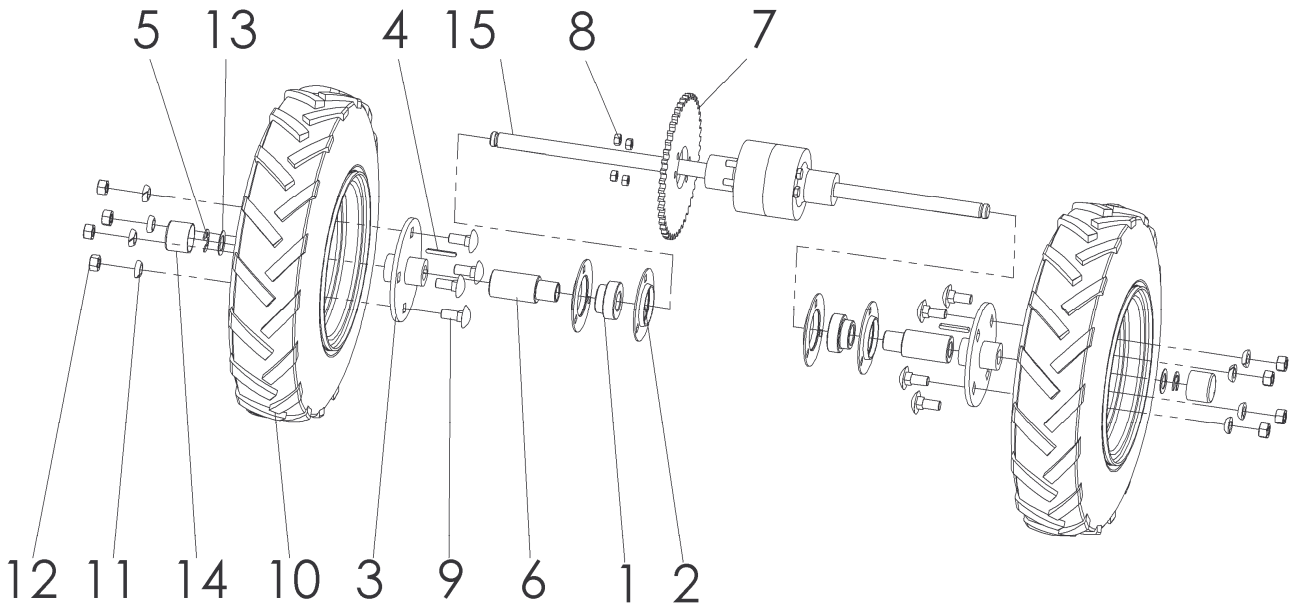
Stand

30.09.2009
C00164 ADX



Nr.	Art.-Nr.	Anz.	Benennung
1	C00012	1	Hydraulic motor production console
2	903 012 100	1	Eye bolt
3	905 112 000	8	U disk
4	900 012 002	3	Stop nut
5	901 012 055	1	Skt.-screw
6	920 101 648	1	Drive chain
7	935 111 040	1	Hydraulic motor connected to the page
8	C00163	1	Engine mounts
9	905 006 000	4	Spring ring
10	901 006 020	3	Skt.-screw
11	920 401 012	1	Sprockets Z12
12	701 301 503	1	Scheibe D26, 3 x 16, 3 x 2
13	905 206 025	1	K disk
14	901 006 016	1	Skt.-screw
15	908 005 516	1	Key A5x5x16
16	901 012 035	1	Skt.-screw

Differentialachse mit Mittenantrieb KDM 35/70 Zusammenbau **Stand 30.09.2009**
C00007 AAX

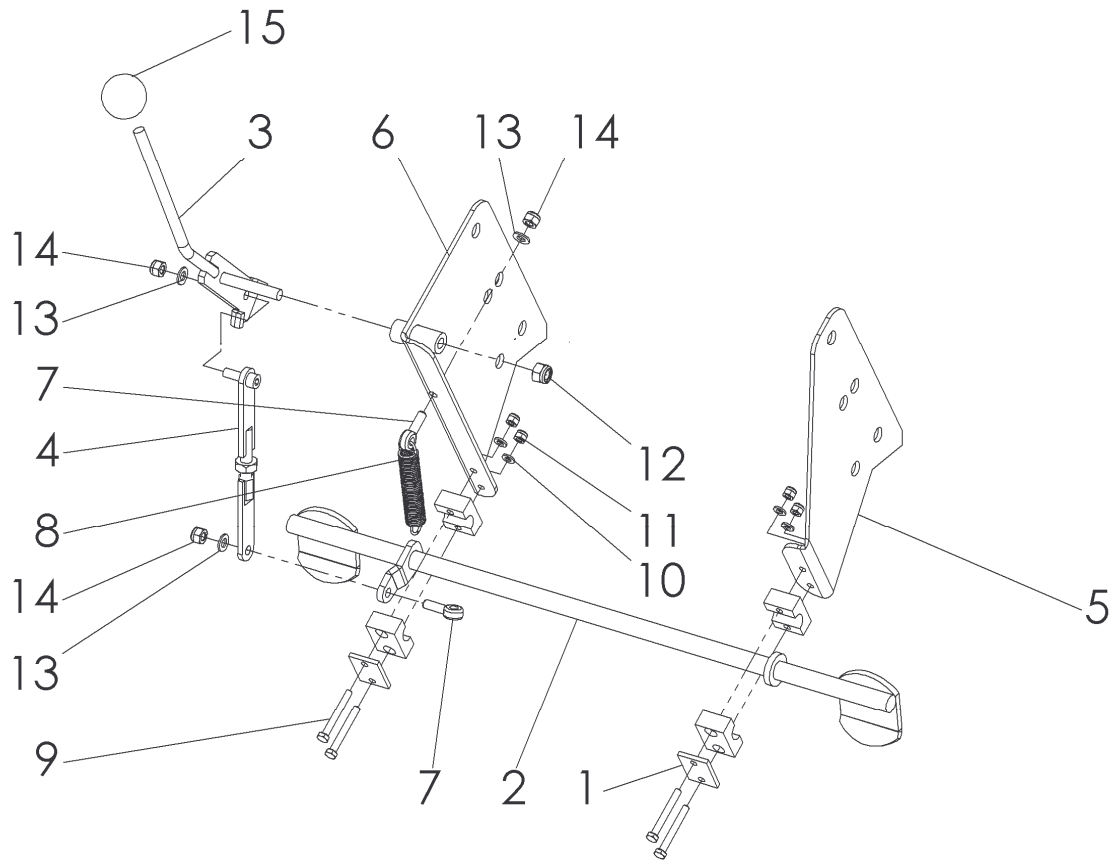


Nr.	Art.-Nr.	Anz.	Benennung
1	924 100 205	2	Ball SB 205
2	924 200 205	4	Bearing shells set
3	siehe Reifenliste	2	Hub
4	908 047 440	2	Key 4, 76 x 4 76 x 40 mm
5	905 820 000	2	Bensingring
6	C00015	2	Lagerbuchse long
7	920 501 145	1	Kettenrad disc 45Z
8	900 008 016	4	Skt.-Customs parent
9	901 912 030	8	Lock screw
10	siehe Reifenliste	2	Wheel set 4.00-8
11	905 712 000	8	Liemesring
12	900 010 101	8	Skt.-mother
13	905 320 010	2	Registration plate 20 x 32 x 1
14	943 300 035	2	Schutzkappe-Hubcap
15	922 001 003	1	Differential axis

Feststellbremse für K-Serie

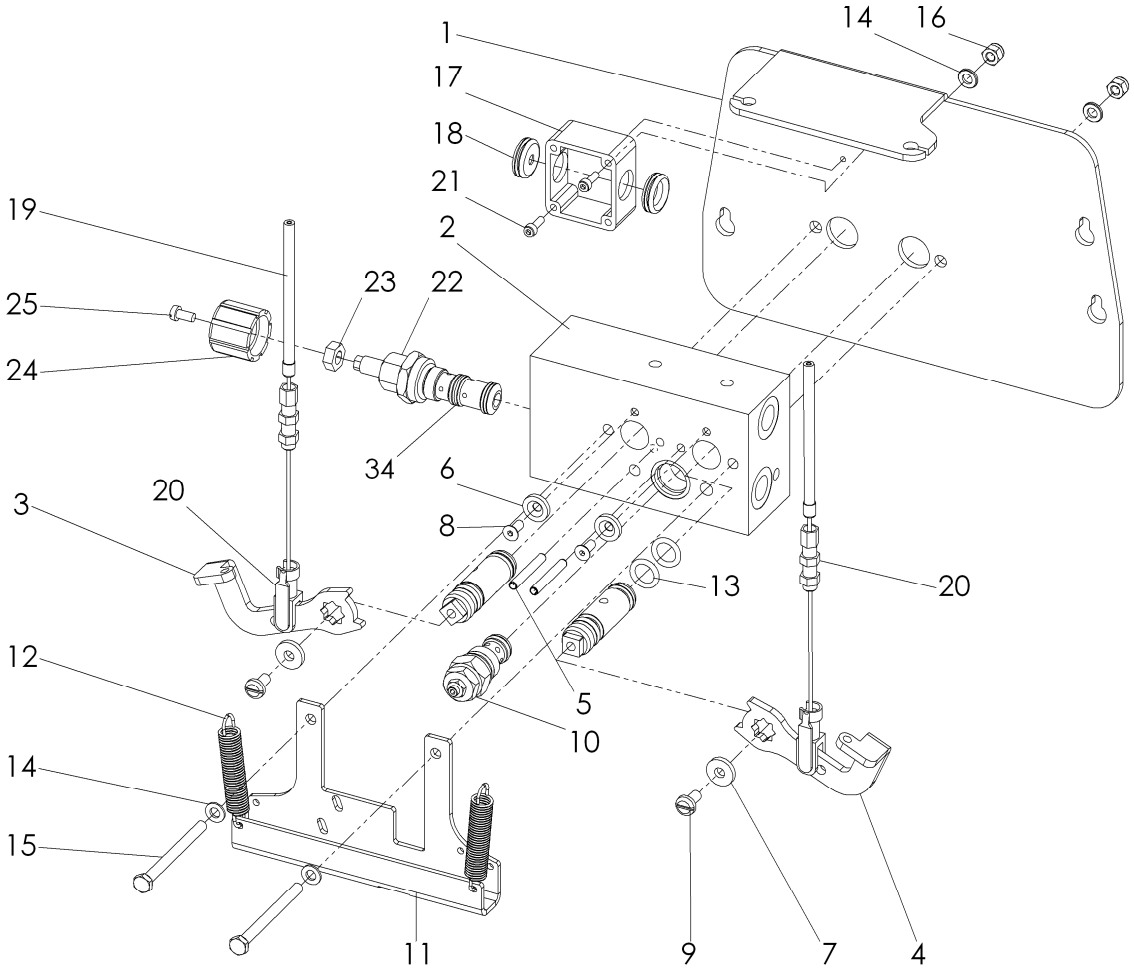
Stand 30.09.2009

C00018 AZX



Nr.	Art.-Nr.	Anz.	Benennung
1	908 612 018	2	Kpl pipe clamp. 18 mm
2	700 005 003	1	Rod brake system
3	700 005 004	1	Brake
4	700 005 005	1	Lever
5	C00017	1	Brake rod holder right
6	C00016	1	Brake rod holder left
7	903 108 030	2	Eye bolt
8	909 200 021	1	Spring
9	901 006 050	4	Skt.-screw
10	905 106 000	4	U disk
11	900 006 002	4	Stop nut
12	900 010 002	1	Stop nut
13	905 108 000	3	U disk
14	900 008 002	3	Stop nut
15	941 220 010	1	Ball button

Hydrauliksteuerung für Fahr- & Nebenantrieb Stand 20.09.2009
C00003 AHX



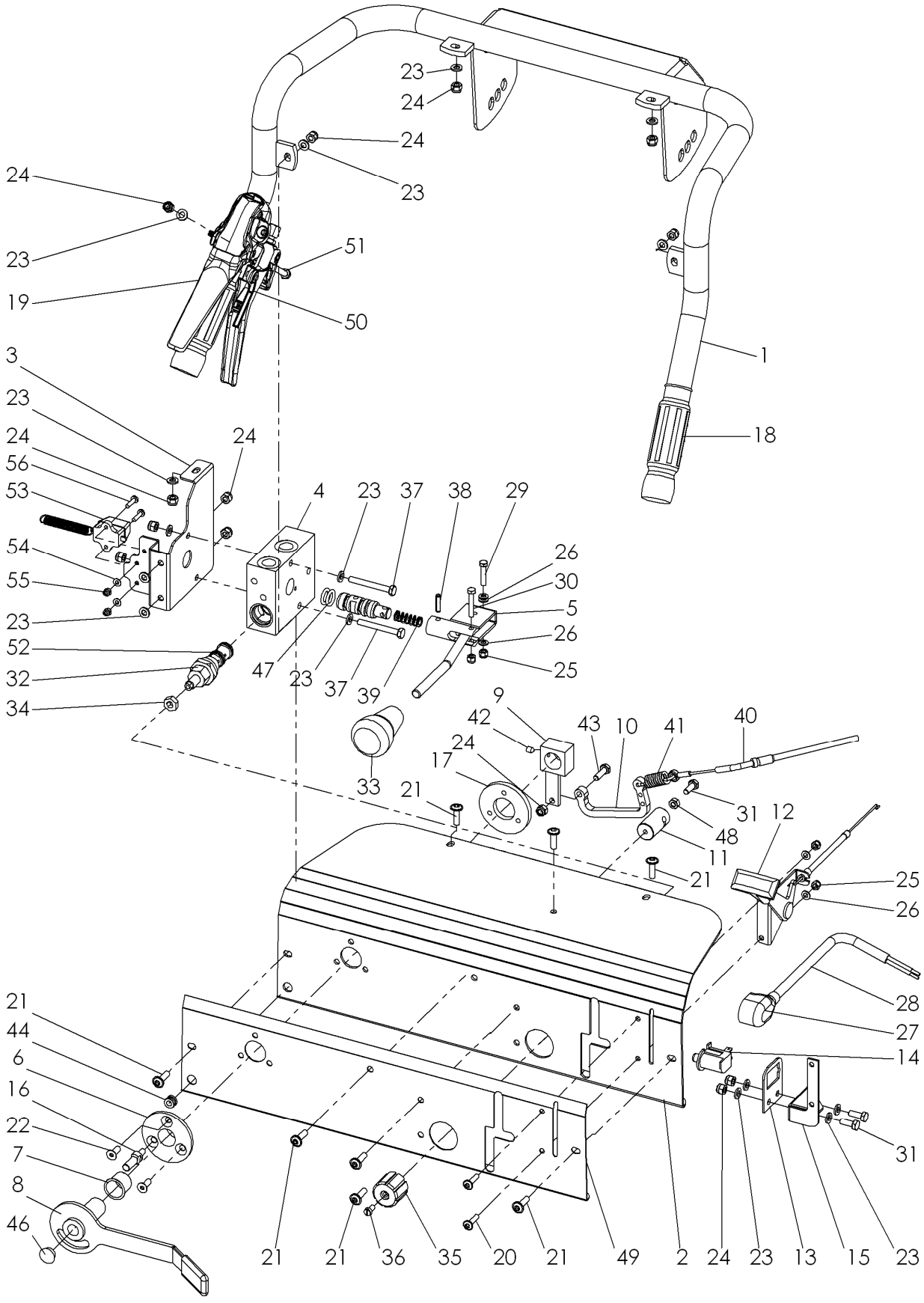
Nr.	Art.-Nr.	Anz.	Benennung
1	700 500 051	1	Cultivation plate motor & Ancillary multiple unit valve
2	769 000 020	1	Running & ancillary multiple unit valve with complete rule cartridge
3	769 300 010	1	Swingarm left for piston D5
4	769 300 020	1	Swingarm right for piston D5
5	907 350 036	2	Clamping peg
6	936 401 001	2	Bounding disc
7	905 106 000	2	U disk
8	901 205 012	2	Sink head screw
9	903 920 612	2	Flachkopfschraube
10	936 500 534	1	Überdruckventil VMP-10-210 bar
11	C00022	1	Valve carrier with simple Electric switch

Nr.	Art.-Nr.	Anz.	Benennung
12	909 200 124	2	Spring Z 124FI
13	937 125 030	4	18-Er piston seal Kit
14	900 106 000	4	U disk
15	901 006 060	2	Skt.-screw
16	900 006 002	2	Stop nut
17	767 000 123	1	Wiring can
18	908 706 667	2	Cable implementing connector
19	s.Bedien-konsole	1	Ancillary train Cable
20	s.Bedien-konsole	1	Cable for Driving motor
21	901 804 012	2	Cylindrical screw with internal Skt..
22	936 202 075	1	Rule cartridge
23	900 005 001	1	Skt.-mother
24	941 400 015	1	Adjustment button blue
25	901 805 010	1	Zyl.-screw

Bedienkonsole, Umschaltventil und Einfachhebel

Stand 05.10 .2009

C00002 ABX



Bedienkonsole, Umschaltventil und Einfachhebel

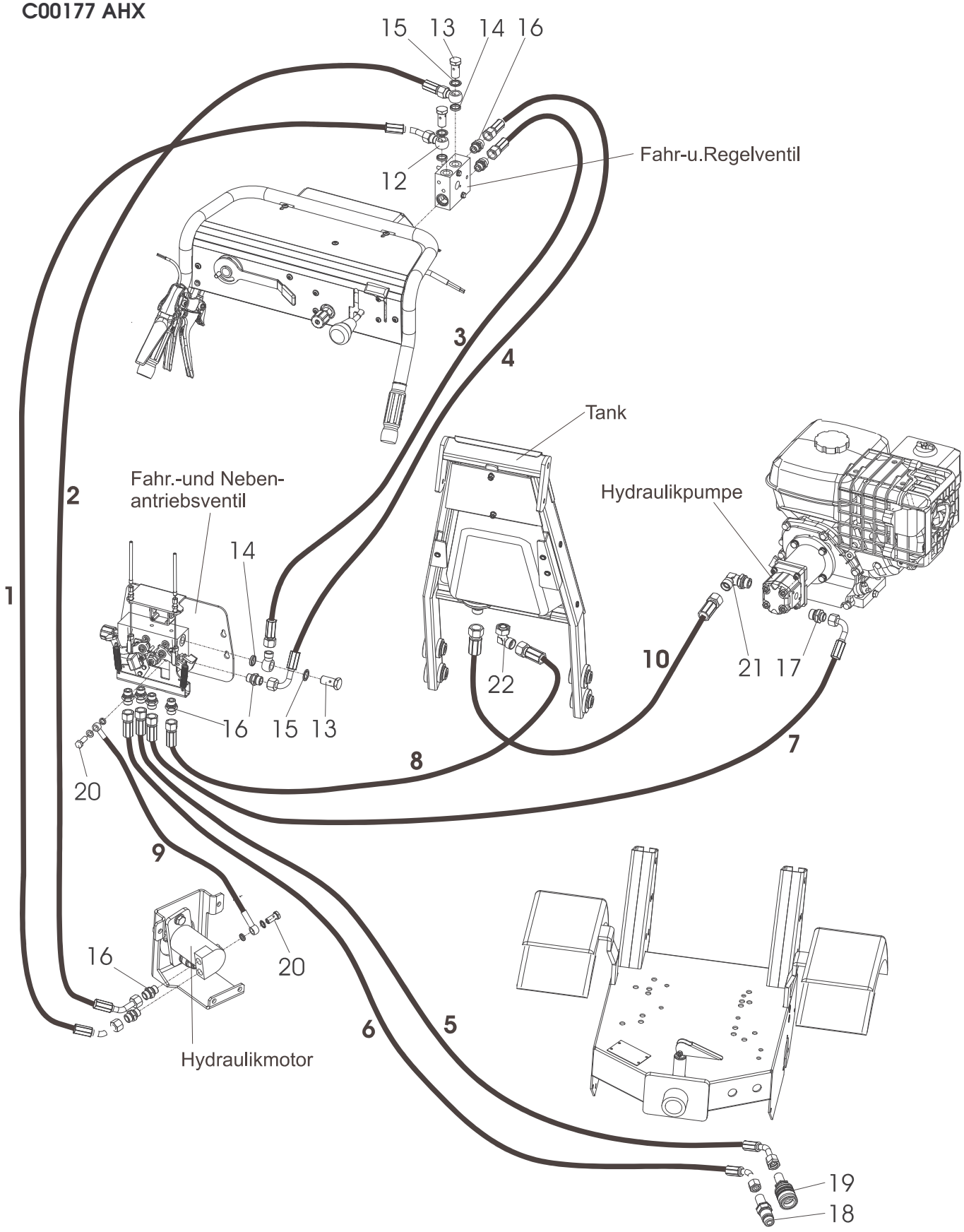
Stand 05.10.2009

C00002 ABX

Nr.	Art.-Nr.	Anz.	Benennung
1	C00042	1	Hand jamb kompl. without steering lever
2	C00043	1	Panel of switching valve
3	C00044	1	Valve holder for switching valve
4	769 100 010	1	Travelling with rule valve
5	C00045	1	Driving lever & driving lever release
6	767 000 004	1	Rosette
7	915 021 020	1	Bearing
8	C00050	1	Ancillary multiple unit lever kompl. for simple operation
9	C00053	1	Swivel arm simple ancillary multiple unit lock
10	C00054	1	Deviation lever
11	C00055	1	Simple Bowdenzug holder ancillary train
12	941 920 108	1	LGS Gashebel kompl.
13	767 000 143	1	Button containing sheet metal
14	941 903 000	1	Startup security switch
15	C00056	1	Intermediate bracket for safety switches
16	C00057	1	Attack bolt ancillary multiple unit lock
17	C00058	1	Rosette screw plate
18	941 908 015	2	Handle
19	941 902 003	1	Dead man lever
20	903 905 020	2	Linsenkopfschr.mit Innenskt.
21	903 906 020	8	Linsenkopfschr.mit Innenskt.
22	901 006 016	2	Skt.Schraube
23	905 106 000	16	U disk
24	900 006 002	13	Stop nut
25	900 005 002	4	Stop nut

Nr.	Art.-Nr.	Anz.	Benennung
26	905 105 000	5	U disk
27	960 041 000	1	Polar Cap
28	767 000 074	1	2-Wire cable
29	901 005 025	1	Skt.-screw
30	901 005 030	1	Skt.-screw
31	901 006 016	3	Skt.-screw
32	936 202 075	1	Rule cartridge
33	941 264 510	1	Mushroom handle long
34	900 005 001	1	Skt.-mother
35	941 400 015	1	Adjustment button blue
36	901 805 010	1	Zyl.-screw
37	901 006 050	2	Skt.-screw
38	907 350 020	1	Clamping pen 5x20mm
39	909 100 192	1	Druckfeder VD 192
40	C00060	1	Bowdenzug ancillary train
41	909 100 162	1	Spring Z 162QI
42	902 406 080	1	Thread pen M6x8
43	901 006 020	1	Skt.-screw
44	908 706 646	1	Cable connector doppels.
45	941 900 050	1	Diving Cap
46	943 700 014	1	Blind plug, black
47	937 125 030	2	18-Er piston seal Kit
48	900 006 001	1	Skt.-mother
49	C00059	1	Operator field label
50	941 750 713	1	Lever manual then with Bowdenzug (driving drive)
51	901 006 065	1	Skt.-screw M6x65
52	937 300 075	1	Sealing set rule cartridge
53	941 102 766	1	Bremslicht switch kompl.
54	905 104 000	2	U disk
55	900 004 002	2	Stop nut
56	903 604 016	2	Lens screw with Phillips

Hydraulikschema K1500 Stand 14.09.2009
C00177 AHX



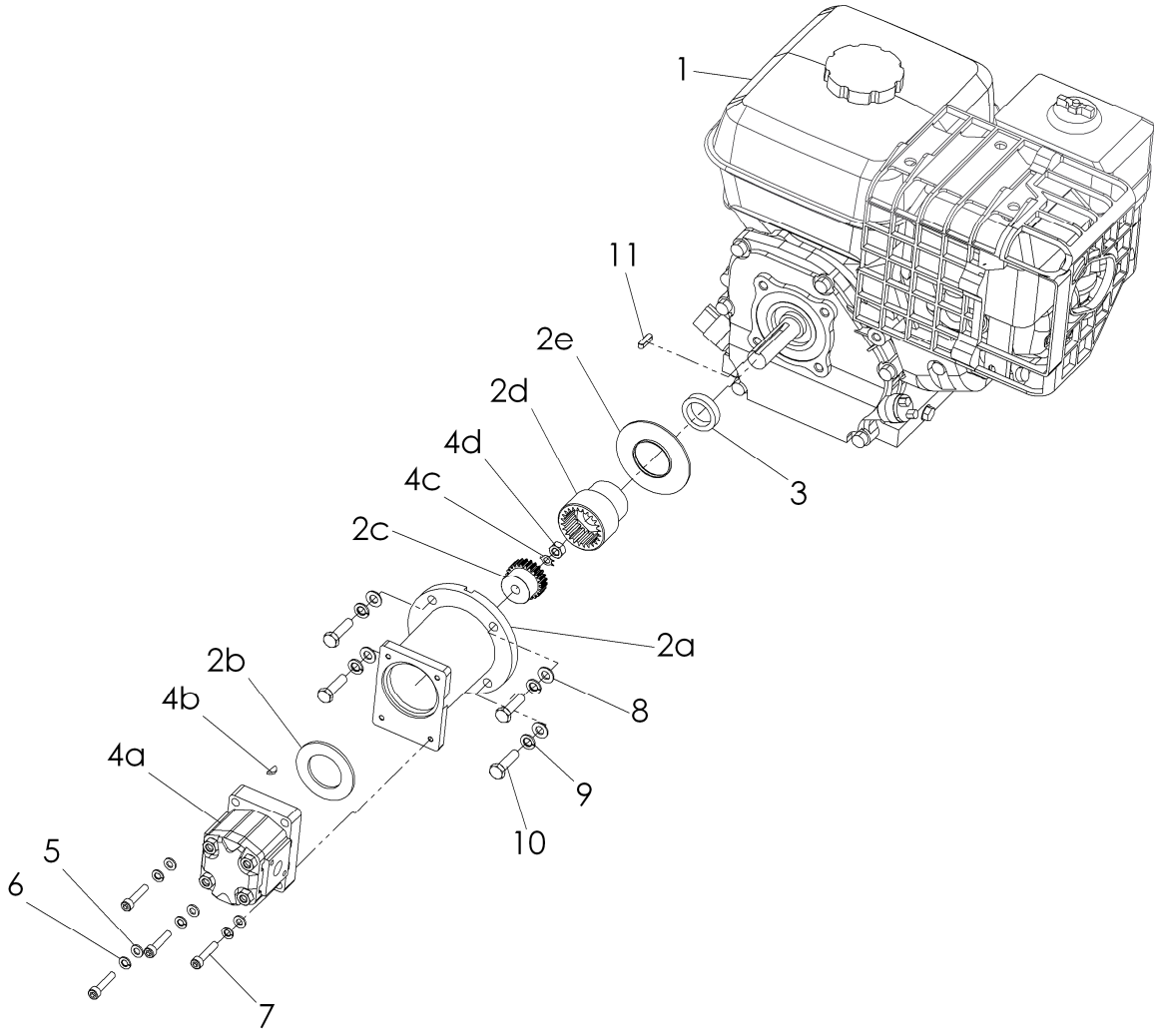
Stückliste - Hydraulikschema K1500

Stand 14.09.2009

C00177 AHX

Nr.	Art.-Nr.	Anz.	Benennung
1	930 763 001	1	Hydraulic hose
2	930 763 002	1	Hydraulic hose
3	930 700 004	1	Hydraulic hose
4	930 700 010	1	Hydraulic hose
5	930 764 003	1	Hydraulic hose
6	930 764 004	1	Hydraulic hose
7	930 700 003	1	Hydraulic hose
8	930 764 006	1	Hydraulic hose
9	930 764 005	1	Leak Ölleitung 8L
10	930 764 007		Hydraulic hose
12	931 111 238	3	Ring fittings
13	931 261 038	3	Hollow bolt
14	937 101 038	3	Edge seal
15	937 117 015	3	Seal
16	931 071 238	9	Hydraulic fittings
17	931 071 212	1	Hydraulic fittings
18	932 161 323	1	Bulkhead connectors
19	932 261 223	1	Bulkhead socket
20	931 261 118	2	Hollow bolt 1/8 inch ink.Dichtkantenring and copper ring
21	931 111 512	1	Hydraulic fittings
22	931 061 500	1	Hydraulic fittings

Honda Motor 6,5PS mit 3,1 ccm Pumpe **Stand 07.08.2009**
C00159 AVX

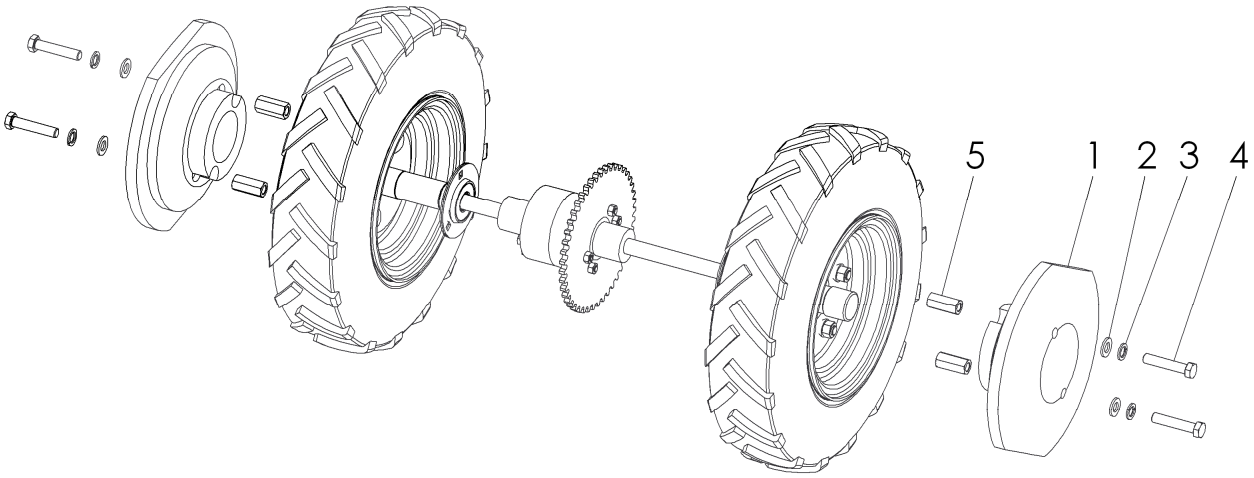


Nr.	Art.-Nr.	Anz.	Benennung
1	920 000 012	1	Honda Motor 6,5PS
2a-2e	934 301 762	1	Bellhousings, kompl.
2d	925 101 024	1	Coupling socket Z 24
3	705 350 508	1	Crankshaft Jack
4a-d	934 100 029	1	Hydraulic pump kompl.
4b	908 110 037	1	Key for pump 12 4 x 5
5	905 106 000	4	U disk
6	905 006 000	4	Spring ring
7	901 806 030	4	Zyl.-screw with Innenskt.
8	905 108 000	4	U disk
9	905 008 000	4	Spring ring
10	902 751 624	4	Customs screw 5 / 16-24 x 1
11	908 005 520	1	Key 5 x 5 x 20

Zubehör Radgewichte

Stand 09.10.2009

C00122 AZX



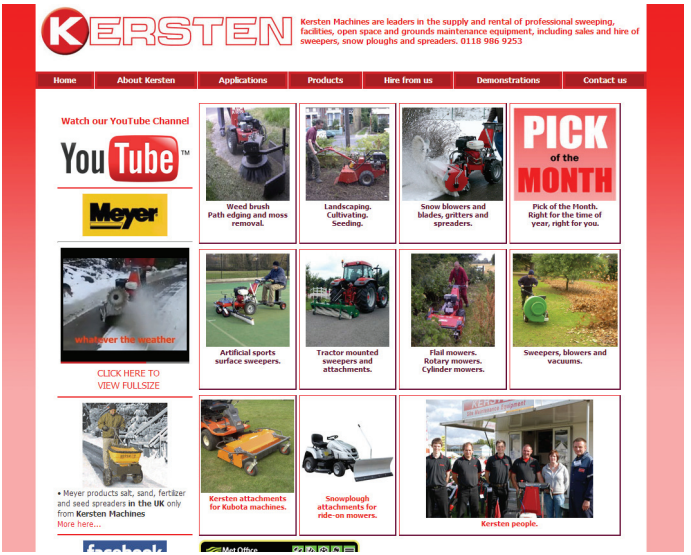
Nr.	Art.-Nr.	Anz.	Benennung
1	945 104 008	2	Wheel weight
2	905 112 000	4	U disk
3	905 012 000	4	Spring ring
4	901 012 060	4	Skt.-screw
5	902 812 040	4	Threaded sleeve

Reifen- und Radnabenliste

Stand 08.10.2009

D00001

Typ	Reifengröße	Reifenprofil	Art.-Nr.	Radnabe Art.-Nr.	Radnabe für Festellbremse Art.-Nr.
K820	4.00-8	Block	926 141 408	-	
K1100	4.00-8	Block	926 140 408	712 000 022	
	4.00-8	Ackerstollen	926 110 408	712 000 022	
K1500	4.00-8	Block	926 140 408	700 000 022	
	4.00-8	Ackerstollen	926 110 408	712 000 022	
K1750	4.00-8	Block	926 140 408	700 000 022	
	4.00-8	Ackerstollen	926 110 408	700 000 022	
	16x6.5-8	Block	926 130 168	700 000 023	
K2000	4.00-8	Block	926 140 408	700 000 022	
	4.00-8	Ackerstollen	926 110 408	700 000 022	
	16x6.5-8	Block	926 130 168	700 000 023	
	16x6.5-8	Ackerstollen	926 110 168	700 000 023	
UBS Hydro	4.00-8	Block	926 140 408	767 410 006	767 000 141
	4.00-8	Ackerstollen	926 110 408	767 410 006	767 000 141
	16x6.5-8	Block	926 130 168	767 187 006	767 000 142
	16x6.5-8	Ackerstollen	926 110 168	767 187 006	767 000 142
UBS 9/13	4.00-8	Block	926 140 408	700 000 022	
	4.00-8	Ackerstollen	926 110 408	700 000 022	
	16x6.5-8	Block	926 130 168	700 000 023	
	16x6.5-8	Ackerstollen	926 110 168	700 000 023	
RoughCutter	4.00-10	Ackerstollen	926 110 410	767 410 006	767 000 141
	5.00-10	Ackerstollen	926 110 510	767 410 006	767 000 141
	18x9.50-8	Ackerstollen	926 110 188	767 189 006	767 000 129
	21x11.00-8	Ackerstollen	926 111 108	767 189 006	767 000 129
VertiCutter	4.00-10	Ackerstollen	926 110 410	767 410 006	
	18x7.00-8	Ackerstollen	726 110 187	767 187 006	
SafetyCutter	18x9.50-8	Ackerstollen	926 110 188	767 189 006	
	21x11.00-8	Ackerstollen	926 111 108	767 189 006	
PortalCutter	18x9.50-8	Ackertollen	926 110 188	767 189 006	
Bodenfräse HF	16x6.50-8	Ackerstollen	926 110 168	760 000 024	
Vento	4.00-8	Block	926 140 484	-	
	4.00-8	Ackerstollen	926 130 408	700 000 021	
	16x6.50-8	Block	926 130 168	700 000 023	
Vela	16x6.50-8	Block	926 130 168	700 000 023	



www.kersten-machines.com

Your contact at **Kersten UK**:
Christopher Faulkner, Managing Director
Sean Faulkner, Sales Manager
Trevor Thorp, Area Sales Manager North

Kersten UK are the sole UK distributor of the **Meyer** range of snow management equipment.
Separate catalogue available upon request.

Telephone: 0118 986 9253

Kersten (UK) Ltd, Progress House, 39 Boulton Road, Reading RG2 0NH

www.kersten-machines.com

info@kersten-machines.com
Prices are subject to VAT E&OE