

Warranty card

Operating instructions

Service book

Product: Tipper

1. The manufacturer is responsible for the design, function, selection and use of the appropriate material and design of the delivered machine and warrants that the delivered machine will have appropriate characteristics for a period of 12 months from the date of sale provided the instructions given in the operating and maintenance manual have been followed.

2. During the warranty period, the manufacturer carries out free repairs or replacement of defective parts, except in case of damage caused by:

- a) improper storage prior to commissioning
- b) careless handling
- c) inadequate maintenance demonstrated by records
- d) modifications made without the approval of the manufacturers
- e) overloading the machine
- f) use of the machine for purposes other than those intended
- g) if the product has been used in contravention of the instructions for use
- h) in cases of mechanical damage caused by the customer
- i) in cases of damage due to an inevitable event (e.g. a natural disaster)
- j) using a spare part other than the one supplied by the manufacturer

If it is found during the repair that the defect is not covered by the warranty, the cost of such repair shall be borne by the person claiming the warranty.

- 3. The claim is made by the consumer at the seller or directly at the manufacturer.
- 4. The buyer was acquainted with the method of putting the machine into operation with the principles of operation according to the enclosed instruction manual.

.....
Stamp and signature of the
seller

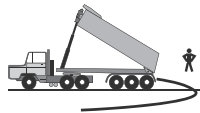
.....
Date of sale

.....
Stamp and signature of the
buyer

Without this information the warranty card is invalid!

I have been acquainted with the method of putting the machine into operation and the principles of operation according to the enclosed instruction manual.

RIGHT



WRONG

WATCH OUT FOR



CARGO OVERLOAD



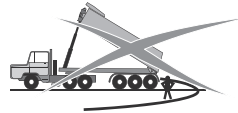
UNEVEN LOAD



TIPPING ON UNEVEN GROUND



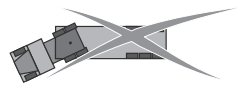
ENTRY UNDER UNSECURED BODY



MOVEMENT AROUND THE WORKING TIPPER



RIDE WITH TIPPED BODY



TIPPING WITH THE TRAILER TURNED WITH RESPECT TO THE TRACTOR

Some important notes:

- MOLČÍK kipper, a.s. company acknowledges any complaints during the warranty period only if the prescribed service work has been performed within the deadline. This "Service Book" filled in by the service technician of MOLČÍK kipper, a.s., or the technician of the service representation of MOLČÍK kipper, a.s., is valid as proof of their performance.
- Use only spare parts supplied by MOLČÍK kipper, a.s. or its authorized dealers and retailers for repairs.
- When welding on a body or connected devices, unclamp the alternator and disconnect the connectors of all control units installed in the vehicle, then disconnect the engine speed regulator connector and both battery poles.
- Never attempt to weld or repair a wheel or wheel rim when an inflated tire is fitted.
- Use only the oils, lubricants and coolants specified by the manufacturer in the operating instructions.
- MOLČÍK kipper, a.s. company assumes no responsibility for damages or injuries resulting from operations other than those described in the Operating Instructions, improper use of the vehicle with the body, poor craftsmanship in performing maintenance operations, or incorrect execution of given instructions.
- Do not use the vehicle without fully reading and understanding the "Operating Instructions". Both the customer and the user are responsible for reading the "Operating Instructions" on use and maintenance and for adhering to the safety precautions and usage and maintenance instructions contained herein. Even if the vehicle is rented, the operator is obliged to read and understand the "Operating Instructions". The vehicle can be towed on a pole only if all conditions complying with the Decree on the operation of vehicles on the road according to the relevant vehicle category are met.
- Do not use elastic materials to pull the vehicle, as sudden release of energy stored in the material could cause an accident.
- The warning triangle symbol, accompanied by the words CAUTION, WARNING, or DANGER, is used for warnings attached to vehicles with a body to warn of the risk of damage to the vehicle or the body, serious injury or death. These warnings are accompanied by appropriate safety instructions. Never underestimate these instructions, it is about your safety!
- Never let a single motor vehicle idle with the clutch disengaged or the gearbox in neutral. Always check if P.T.O is switched off before driving.
- Avoid working near embankments and ditches. Reduce speed on steep gradients. Never lift the body when driving on loose, slippery or mud-covered ground.
- Do not drive on the road or at high speed with a differential lock engaged, as this could cause driving problems and thus lead to an accident.
- Unless the manufacturer specifies otherwise, do not fill the fuel tanks to the brim, but leave room for expansion. Fill all consumables (oil, fuel, lubricating grease) in a safe place away from open flames or sparks. In most cases they are flammable and explosive substances. Avoid environmental damage.
- Both the vehicle and the body are equipped with electronic controls. The operation of other electronic devices may create electromagnetic fields, which may cause malfunctions in the control electronics. For more information, refer to the operating instructions.
- For more information, see the "Operating Instructions".
- Have the body and hydraulic system checked at least once a year by MOLČÍK kipper, a.s. service or its authorized service center.

Operating instructions

Introduction

It is the responsibility of the user and the operator to become familiar with the operating instructions before starting work. They contain important information on work safety, operation, maintenance and should be considered as part of the machine. Trouble-free, safe work with the body and its service life largely depends on its proper and careful maintenance.

In case you find any of the information in this manual incomprehensible, contact the manufacturer of the machine. We recommend that you make a copy of the manual for use and keep the original safe in case of loss or damage. When working, it is essential to follow the safety instructions to avoid the risk of injury to yourself or those around you.

Safety instructions and prohibited work on the machine

Remember all safety rules below

- Only original spare parts may be used for repairs
- The machine may only be operated by a person who is familiar with the instructions for use and older than 18 years
- Check that the sidewalls and rear face of the body are properly secured before starting the journey
- When loading, do not exceed the maximum payload and maintain an even load distribution
- Exercise caution when unlocking the sidewalls, rear face and tipping load
- No persons other than the operators may be in the vicinity of the body
- When lowering the body, secure the sidewalls or rear face with the appropriate levers (against opening) and the body with a securing strut (against unwanted tipping)
- Be careful when moving on the body, e.g. when cleaning the body, because of the possibility of slipping, estimating the type and shape of the material being transported
- When transporting, it is also necessary to observe the provisions of the valid regulations on the rules for the transport of road vehicles on the roads of the country where the product is used. In particular, the operator must be over 18 years of age, must be demonstrably familiar with the safety of work and must have a driving license for a specific category of vehicle.
- Transport of persons is prohibited!
- During any operation under the raised body (only in necessary cases, e.g. during repair or maintenance), it must be mechanically secured by a strut securely inserted between the floor and support frame

- no other persons besides the operator may be in the immediate vicinity
- Only work on the hydraulic system when there is no pressure in the hydraulic circuit
- Check the condition of the hydraulic hoses regularly. Replace damaged or leaking hoses immediately with new ones of min. the same value, max. operating and destruction pressure as with the original hoses

Important information for the operator

- Tipping the body is only permitted on a stable, level surface, free of persons in the tipping area and when there is no strong transverse wind
- During tipping, the operator is obliged to constantly monitor the stability of the vehicle and immediately stop the tipping when the vehicle is deflected.
- Pay attention to the power lines at the tipping point
- Do not move the vehicle when the body is raised
- In case of transport of material when there is a danger of drift while driving, the operator is obliged to secure the load in an appropriate way (cover sheet, etc.)
- When driving, the operator must never touch the control valve when tipping in order to prevent it from being accidentally actuated, while the power take-off must not be switched on while driving
- Load must be stowed so that it cannot endanger its surroundings due to loosening and falling while driving. This condition applies not only to the vehicle's load area itself, but also to other parts of the vehicle on which the load would be caught
- When tipping, the operator must make sure that the rear face and sidewalls are properly closed and secured, and the vehicle must be cleaned of any fallen material to prevent personal or property damage.
- Before driving, check that all the sidewalls and the load area are secured
- If the above-mentioned principles cannot be ensured by the operation of the vehicle themselves, they are obliged to seek the assistance or cooperation of other trained persons
- Removable hopper is designed only for extension of the body under the finisher
- The pump should only operate at idle speed

Instructions for working with the machine

Before tipping, select the appropriate load area support securing struts (on the opposite side from the tipping), and secure the appropriate sidewall or rear face with the hand lever or cabin controls. As all this is done, you can lift the load area to the desired side using the outer hydraulic circuit.

After tipping, remember to:

- secure the sidewall or the rear face with the hand lever or cabin controls
- secure the load area to the frame of the semi-trailer with safety pins

When first commissioning check the tightness of the hydraulic system. In the event of a liquid leak, make sure that the joints are not loosened due to transport shocks, for example, and tighten them. If you are unable to stop the liquid leak in this way, notify the manufacturer or an authorized body dealer.

Before starting work, check:

- securing the sidewalls and rear face of the body
- tipping function and visual tightness of hydraulic circuit joints

Maintenance and cleaning

No special maintenance work is required to operate the tipper. All maintenance focuses on ensuring the purity of the limiting valve, which limits the angle of the tipping. (if it fails, the tipper may be damaged). Regularly check that the body subframe screws are tightened to the vehicle frame. Regularly check and lubricate the moving parts equipped with lubrication points. Perform lubrication according to the number and character of vehicles traffic at intervals of once a week to once a month.

Entrust more complex repairs to service personnel.

The hydraulic circuit is filled with special low-setting oil MP-ON 2, ISO VG 22, DIN 51517-CL. Use only hydraulic oils of the same type to top up or replace oil. Replace the oil completely after the first year of operation of the body. The manufacturer reserves the right during the warranty period that the user is obliged to refill and replace oil only with oil from manufacturers. Otherwise, the warranty on the hydraulic system becomes void. This paragraph does not apply to semi-trailers, trailers and vehicles of the LIAZ, ŠKODA and TATRA brands equipped with their own hydraulic system.

Testing

The dimensions, design, appearance and tightness of the hydraulic system are tested at the factory.

Service and spare parts

Warranty service and repair of defects detected during maintenance are provided by the manufacturer. The manufacturer also ensures the delivery of all spare parts, either directly or through authorized dealers.

Complaints

Quality defects must be claimed immediately after their discovery, but no later than by the end of the warranty period. Complaints must be made either in writing or in person at the respective seller. In case of a defect, the buyer undertakes to inform the seller and to request the seller's consent to further handling of the product. In case of disagreement, the buyer is obliged to leave the product in place and in the condition in which the defect occurred. The seller is obliged to take over the product within 24 hours and announce its opinion on the defect. In case of a quality defect, the buyer is entitled, according to their choice, to replace the defective part or to get a discount on the price. Replacement of the defective part with a flawless one shall be made within 3 days from the date of notification of the claim.

Other provisions

The manufacturer reserves the right to make changes to the product. The manufacturer is not liable for any damages, danger to the operator or other persons, provided the user has followed the instructions and principles contained in these operating instructions or the standard safety rules.

Disposal of the machine at the end of its service life

The user divides the machine into metal and other parts. These individual parts are dealt with in accordance with applicable laws and regulations on waste disposal for the country where the machine is operated and disposed of.

The body and accessories design conform to Act No. 56/2001 Coll.



read the instructions for use before use

remove the key from the ignition and follow the instructions before repair, adjustment or maintenance

possibility of spontaneous lowering of the body - secure by strut before entering the danger area

no transport of persons on the back of the machine

before disconnecting and parking the trailer or car, secure against movement with a wheel chock and apply the parking brake

Service book

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- Do not drive on the road or at high speed with a differential lock engaged, as this could cause driving problems and thus lead to an accident.
- Unless the manufacturer specifies otherwise, do not fill the fuel tanks to the brim, but leave room for expansion. Fill all consumables (oil, fuel, lubricating grease) in a safe place away from open flames or sparks. In most cases they are flammable and explosive substances. Avoid environmental damage.
- Both the vehicle and the body are equipped with electronic controls. The operation of other electronic devices may create electromagnetic fields, which may cause malfunctions in the control electronics. For more information, refer to the operating instructions.
- For more information, see the "Operating Instructions".
- Have the body and hydraulic system checked at least once a year by MOLČÍK kipper, a.s. service or its authorized service center.

website: www.molcik.eu

e-mail: servis@molcik.eu

MOLČÍK kipper, a.s. service contact:

mobile No.: 0042 777 727 540

phone No.: 0042 519 352 999

Instructions for the user when handing over the MOLČÍK body

Customer/Company:	.....
Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.:	.....

1. Clutch operation and hydraulic pump start-up conditions.
2. Starting and stopping the hydraulic pump (PTO).
3. Conditions for using one-way, two-way or three-way tipplers.
4. Tipping control.
5. Opening of the sidewalls and rear face and conditions of use.
6. Control of opening and closing of the hydraulic sidewalls and conditions of their use.
7. Control of securing the rear face and the conditions of its use.
8. Control and use of rear hydraulic outlets and quick couplings.
9. Function of spare wheel holder, its use and securing.
10. Sheet functions and conditions of use. The sheet must be packed.
11. Use of electrical equipment for the body, replacement of fuses.
12. Maintenance and replacement of the hydraulic filter and its de-sludging.
13. Maintenance and de-sludging of the tipping control air system.
14. Replacement of additional oil filters.
15. Check the oil level of the hydraulic tank.

The customer has been familiarized with the machine's instruction manual and has been given the above instructions; the machine was handed over without defects. The technical certificate and the operating instructions were also handed over with the machine.

.....
customer signature

.....
date, stamp, signature of the seller

Instructions for the user when handing over the MOLČÍK body

Customer/Company:	.....
Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.:	.....


1. Clutch operation and hydraulic pump start-up conditions.
2. Starting and stopping the hydraulic pump (PTO).
3. Conditions for using one-way, two-way or three-way tipplers.
4. Tipping control.
5. Opening of the sidewalls and rear face and conditions of use.
6. Control of opening and closing of the hydraulic sidewalls and conditions of their use.
7. Control of securing the rear face and the conditions of its use.
8. Control and use of rear hydraulic outlets and quick couplings.
9. Function of spare wheel holder, its use and securing.
10. Sheet functions and conditions of use. The sheet must be packed.
11. Use of electrical equipment for the body, replacement of fuses.
12. Maintenance and replacement of the hydraulic filter and its de-sludging.
13. Maintenance and de-sludging of the tipping control air system.
14. Replacement of additional oil filters.
15. Check the oil level of the hydraulic tank.

The customer has been familiarized with the machine's instruction manual and has been given the above instructions; the machine was handed over without defects. The technical certificate and the operating instructions were also handed over with the machine.

Send this sheet to the company MOLČÍK kipper, a.s., Mikulovská 1014, VALTICE 691 42.

.....
customer signature

.....
date, stamp, signature of the seller



1st compulsory service after 5,000 km of operation or within 3 months (whichever comes first)

- 1) Checking the hydraulic oil level and condition.
- 2) Replacing the tipping hydraulic oil filter.
- 3) Tipping limiter adjustment and lubrication.
- 4) Check the condition of the main piston, perform maintenance, cleaning and lubrication.
- 5) Check the condition and functioning of the sidewalls and rear face.
- 6) Check the state of securing the sidewalls and the rear face.
- 7) Check the switching function of the hydraulic pump (PTO).
- 8) Tightening of all supporting screw connections.
- 9) Lubricate all lubrication points according to the lubrication schedule.
- 10) Check the electrical equipment.
- 11) Check the sheet status.
- 12) Check the hydraulic pressure.
- 13) Check the general tightness.
- 14) Tipping testing.

1st compulsory service after 5,000 km of operation or within 3 months (whichever comes first)

Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.: Date	.....
of delivery:	.....
Customer/Company:	.....
Actual operating hours:	.....
Seller: (stamp)	.....

The operations listed in the list of works for the given maintenance were carried out, the vehicle was handed over without defects.

.....
Date and signature of the customer:

.....
Service signature:

1st compulsory service after 5,000 km of operation or within 3 months (whichever comes first)

Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.: Date	.....
of delivery:	.....
Customer/Company:	.....
Actual operating hours:	.....
Seller: (stamp)	.....

The operations listed in the list of works for the given maintenance were carried out, the vehicle was handed over without defects.

.....
Date and signature of the customer:

.....
Service signature:



2nd compulsory service after 25,000 km of operation or within 12 months (whichever comes first)

- 1) Replacing the hydraulic oil.
- 2) Replacing the tipping hydraulic oil filter.
- 3) Tipping limiter adjustment and lubrication.
- 4) Check the condition of the main piston, perform maintenance, cleaning and lubrication.
- 5) Check the state of securing the sidewalls and the rear face.
- 6) Check the switching function of the hydraulic pump (PTO).
- 7) Tightening of all supporting screw connections.
- 8) Lubricate all lubrication points according to the lubrication schedule.
- 9) Testing of electrical equipment and control indicators.
- 10) Check the hydraulic pressure.
- 11) Check the general tightness.
- 12) Tipping testing.

2nd compulsory service after 25,000 km of operation or within 12 months (whichever comes first)

Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.:	.....
Date of delivery:	.....
Customer/Company:	.....
Actual operating hours:	.....
Seller: (stamp)	.....

The operations listed in the list of works for the given maintenance were carried out, the vehicle was handed over without defects.

.....
Date and signature of the customer:

.....
Service signature:

2nd compulsory service after 25,000 km of operation or within 12 months (whichever comes first)

Type of vehicle:	.....
Vehicle VIN:	.....
Body serial No.:	.....
Date of delivery:	.....
Customer/Company:	.....
Actual operating hours:	.....
Seller: (stamp)	.....

The operations listed in the list of works for the given maintenance were carried out, the vehicle was handed over without defects.

.....
Date and signature of the customer:

.....
Service signature:

Schedule of service inspections of MOLČÍK bodies

The workshop performing the service operation is obliged to record its performance in the relevant field of the following table.

50,000 operating km	A service	75,000 operating km	B service	100,000 operating km	A service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	
125,000 operating km	C service	150,000 operating km	A service	175,000 operating km	B service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	

Schedule of service inspections of MOLČÍK bodies

The workshop performing the service operation is obliged to record its performance in the relevant field of the following table.

225,000 operating km	A service	250,000 operating km	C service	275,000 operating km	A service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	
300,000 operating km	B service	325,000 operating km	A service	350,000 operating km	C service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	

Schedule of service inspections of MOLČÍK bodies

The workshop performing the service operation is obliged to record its performance in the relevant field of the following table.

375,000 operating km	A service	400,000 operating km	B service	425,000 operating km	A service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	
450,000 operating km	C service	475,000 operating km	A service	500,000 operating km	B service
Date, stamp of the company, signature		Date, stamp of the company, signature		Date, stamp of the company, signature	

Service operations for “A” service

- 1) Check hydraulic oil level and condition.
- 2) Replacing the tipping hydraulic oil filter.
- 3) Tipping limiter adjustment and lubrication.
- 4) Check the condition of the main piston, perform maintenance, cleaning and lubrication.
- 5) Check the condition and functioning of the sidewalls and rear face.
- 6) Check the state of securing the sidewalls and the rear face.
- 7) Check the switching function of the hydraulic pump (PTO).
- 8) Tightening of all supporting screw connections.
- 9) Lubricate all lubrication points according to the lubrication schedule.
- 10) Testing of electrical equipment and control indicators.
- 11) Check the sheet status.
- 12) Tipping testing.

Service operations for “B” service

- 1) Replacing the hydraulic oil.
- 2) Replacing the tipping hydraulic oil filter.
- 3) Tipping limiter adjustment and lubrication.
- 4) Adjust the tipping angles of the body.
- 5) Check the state of securing the sidewalls and the rear face.
- 6) Check the switching function of the hydraulic pump (PTO).
- 7) Tightening of all supporting screw connections.
- 8) Lubricate all lubrication points according to the lubrication schedule.
- 9) Testing of electrical equipment and control indicators.
- 10) Check the hydraulic pressure.
- 11) Check the general tightness.
- 12) Tipping testing.

Service operations for “C” service

- 1) Replace all body and hydraulic oil fillings.
- 2) Replace oil filters.
- 3) Tipping limiter adjustment and lubrication.
- 4) Check the condition of the main piston, perform maintenance, cleaning and lubrication.
- 5) Check the condition and functioning of the sidewalls and rear face.
- 6) Check the state of securing the sidewalls and the rear face.
- 7) Check the overall condition of the subframe.
- 8) Check the overall condition of the body.
- 9) Check the surface finish of the entire body.
- 10) Check the sheet status.
- 11) Check all moving parts and body studs for wear and play.
- 12) Check the switching function of the hydraulic pump (PTO).
- 13) Check the condition of the hydraulic pump.
- 14) Check the tightness of the hydraulic system.
- 15) Check the tightness of the air system.
- 16) Testing of electrical equipment and control indicators.
- 17) Lubricate all lubrication points according to the lubrication schedule.
- 18) Tighten all screws.
- 19) Tipping testing.

Service operations that the customer is obliged to perform.

All these work must be carried out in accordance with the operating and maintenance instructions.

- 1) Check the oil in the hydraulic tank - every 48 hours or at the beginning of each working day.
- 2) Check the condition and tightness of the hydraulic system joints.
- 3) Check the condition of the hydraulic pump and its tightness. If leakage from the inspection opening is detected, never obstruct this opening and arrange for a professional service.
- 4) Check the lift limiter for cleanliness and clearance. Check that the set screw lock nuts are not loose.
- 5) Check the main body lift piston for cleanliness. Lubricate all pull-outs regularly every 5 working days with a thin oil.
- 6) Check the cleanliness of the sealing and contact surfaces of the sidewalls and the rear face of the body.
- 7) Check the condition and quality of securing the closing of the sidewalls and the rear face.
- 8) Regular lubrication of all lubrication points according to lubrication schedule
- 9) According to the amount of running hours, change of oil and lubricant fillings of the whole body min. once a year.
- 10) Check the cleanliness and condition of oil and liquid fillings of the whole body min. once a week - exchange as needed. (Beware of deterioration or dirt clogging when cleaning moving and guiding surfaces with pressurized water!)
- 11) Check all screws and nuts for tightness.
- 12) Check the condition of the subframe and the body. (cracks, rusty spots, bent beams, etc.) Damage to the supporting parts may result in accident or fatal injury.

ALWAYS KEEP IN MIND!

Failure to perform regular maintenance or leaving your vehicle in poor condition may result in an accident, property damage, or death.

