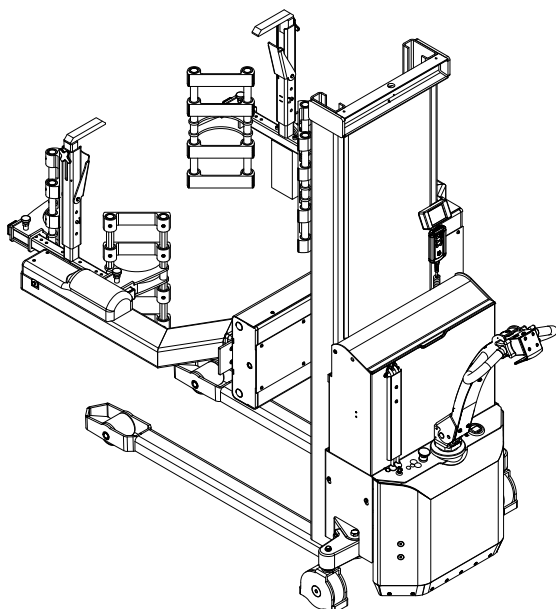
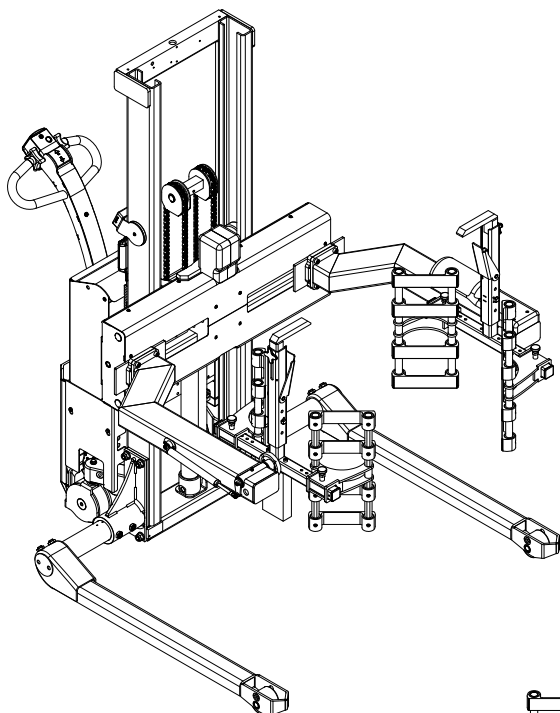


MULTI DRUM TURNER SELFMDT, SELFSDMT



EU DECLARATION CONFORMANCE

Manufacturer: **Logitrans A/S**
Address: **Hillerupvej 35**
6760 Ribe
Danmark

hereby declares that:

machine: Product group: **Multi drum turner**

Type: SELFMDT1003/SELFMDT1003

Production year/
Serial no:

a) has been manufactured in conformance with the stipulations of the:

- **Directive no. 2006/42/EC**
- **Directive no. 2014/30/EC**
- **Directive no. 2014/35/EC**

b) has been manufactured in conformance with the stipulations of the standard:

- **EN ISO 3691-1**

Responsible for the technical dossier:

Name: **Gitte Kirkegaard**
Address: **Hillerupvej 35, DK-6760 Ribe**

Signature:



Gitte Kirkegaard, CEO, Logitrans A/S

Ribe, 25.03.2021.



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1.0 Before the first lift...

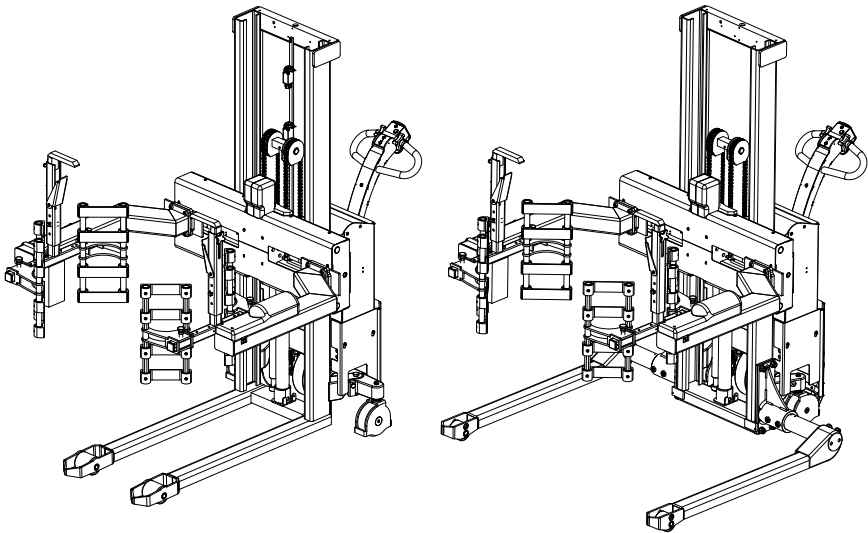
The **Multi drum turner** is manufactured in accordance with safety directives.

Among the subjects dealt with in this **Instruction Manual** are:



- Proper application
- Physical limitations of the product
- Risks with improper use

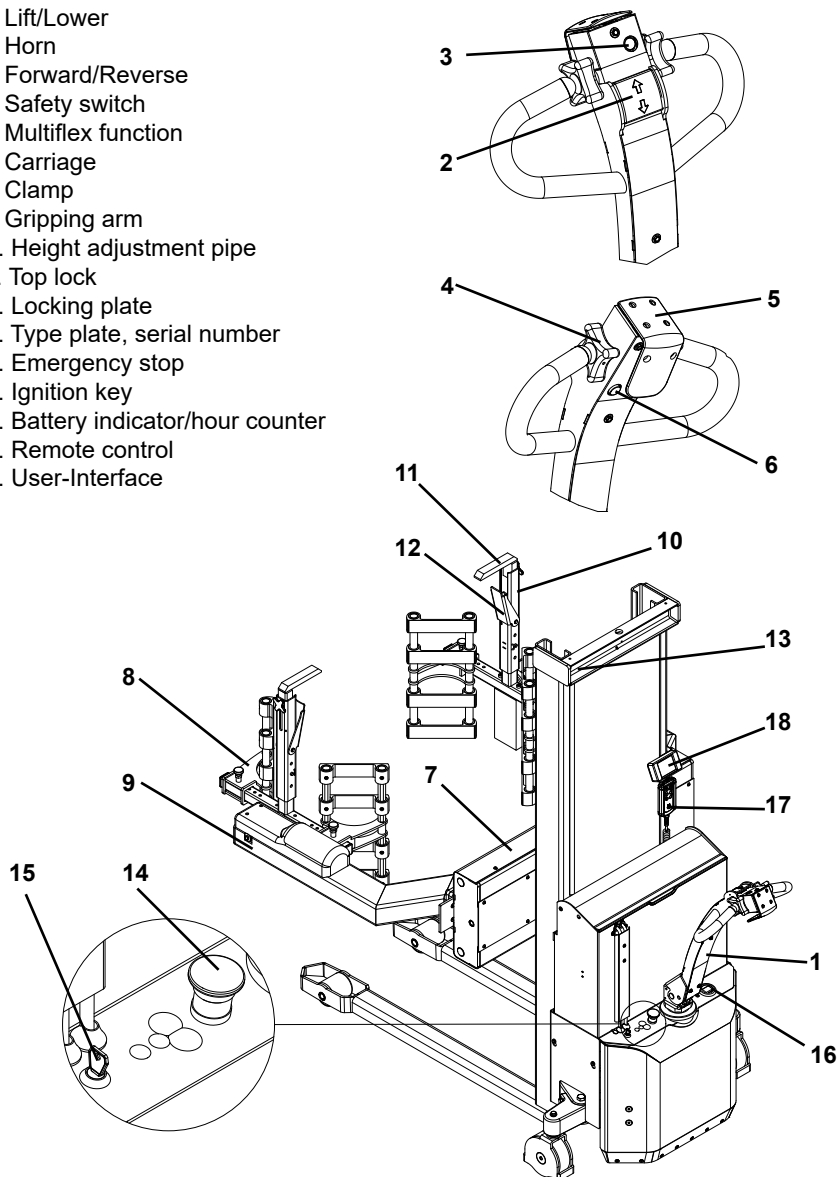
Therefore please read this **Instruction Manual** carefully!





2.0 Functions and identifications

1. Handle
2. Lift/Lower
3. Horn
4. Forward/Reverse
5. Safety switch
6. Multiflex function
7. Carriage
8. Clamp
9. Gripping arm
10. Height adjustment pipe
11. Top lock
12. Locking plate
13. Type plate, serial number
14. Emergency stop
15. Ignition key
16. Battery indicator/hour counter
17. Remote control
18. User-Interface

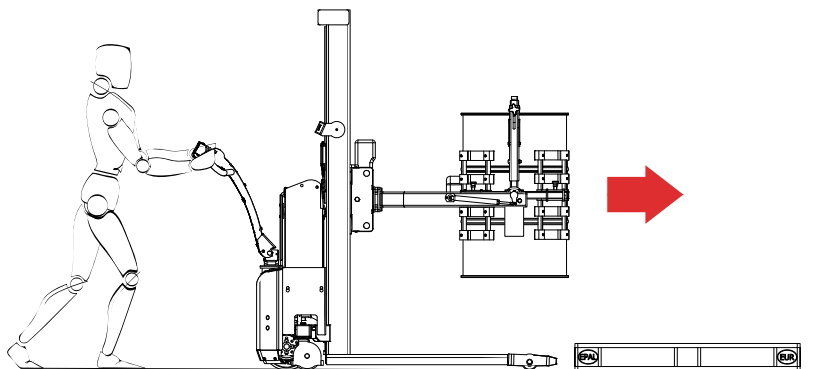




3.0 How to operate Multi drum turner

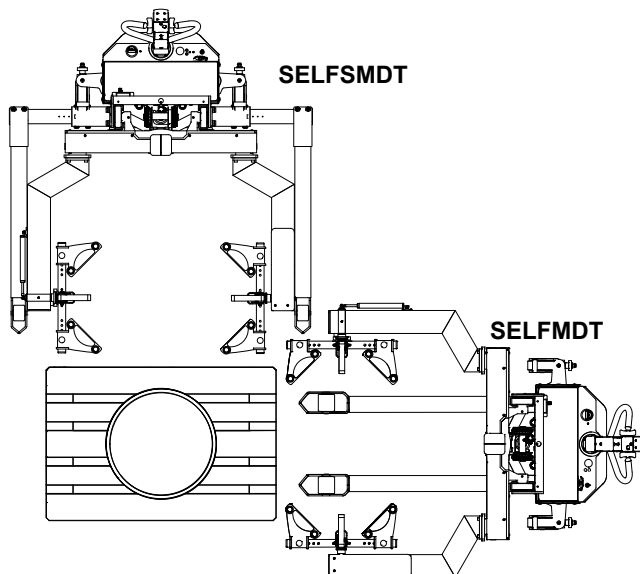
3.1 Handling of drums

For proper operation, stand behind the handle!



Handling of drums on closed pallets

- Use the Multi drum turner with straddle legs!

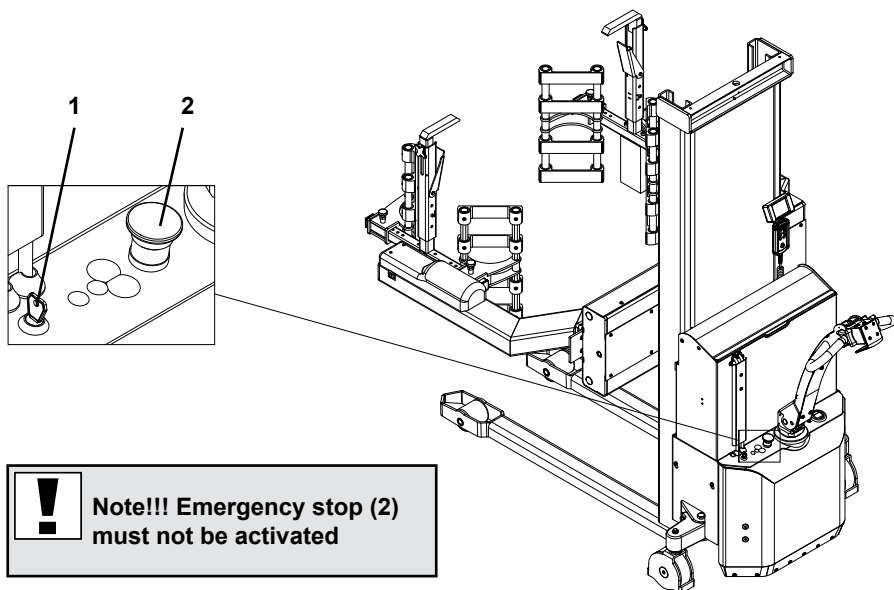


3.0 How to operate the Multi drum turner

3.2 Use of the Multi drum turner

Conditions for rotation: Center of the gripping arms is lifted > 430 mm.
The load can be rotated 360°.

Insert key (1) and turn clockwise to switch on control current ready for function activation.



3.0 How to operate the Multi drum turner

3.3 Handle functions

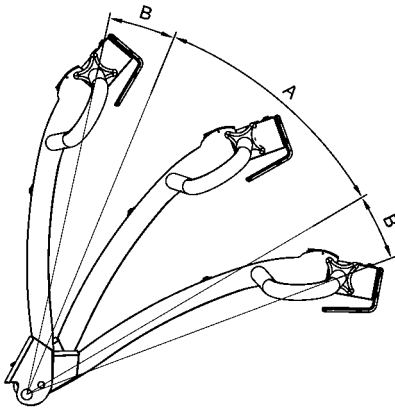
The control functions of the Multi drum turner are located in the handle. The functions are dependent on the positions of the handle!

Position A: Drive position

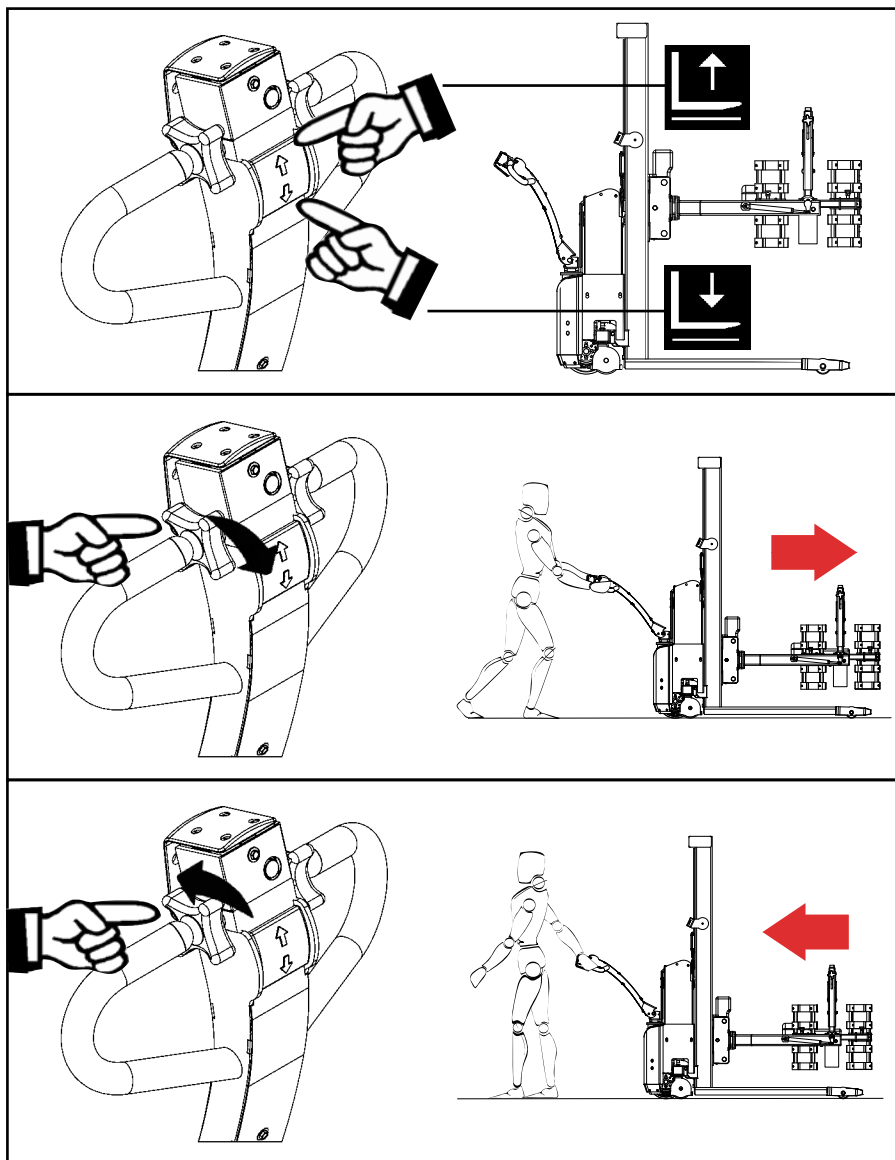
Drive current on
Brake deactivated

Position B: Stop/Brake/Emergency Stop

Drive current off
Brake activated

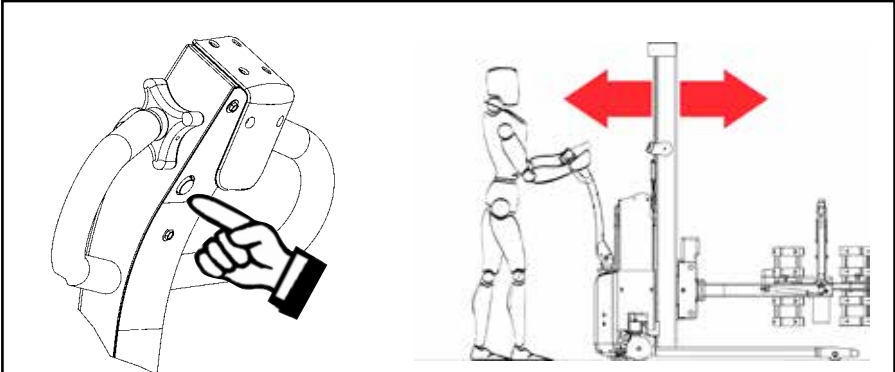


3.0 How to operate the Multi drum turner



3.0 How to operate the Multi drum turner

3.3.1 Multiflex-function



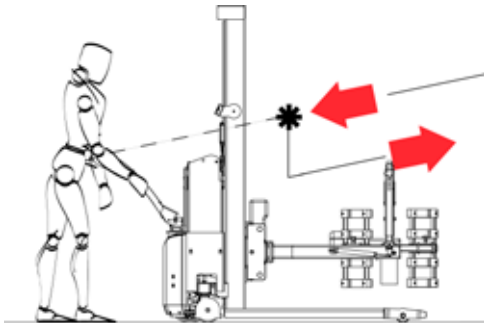
Multiflex-function

- This function makes it possible to drive the Multi drum turner, even though the handle is in its upright, braked position (B)
- The function requires two-handed operation, i.e. it must be performed deliberately
- The function facilitates manoeuvring in confined areas.

3.3.2 The safety switch

The safety switch on the end of the handle ensures that the operator cannot be trapped when the Multi drum turner is reversed.

When the safety switch is activated, the Multi drum turner will change direction, move forwards and stop.

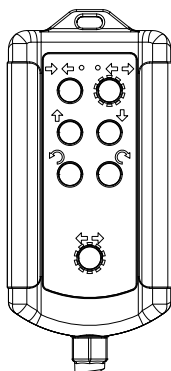


3.0 How to operate the Multi drum turner

3.4 Remote control MR-1 / Lifting-Lowering-Rotation-Clamping

The remote control is used for:

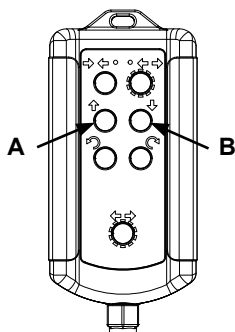
- Lifting/lowering the carriage/load
- Rotating the clamps/load
- Clamping/fixing the load
- Releasing the load
- Moving the gripping arms horizontally



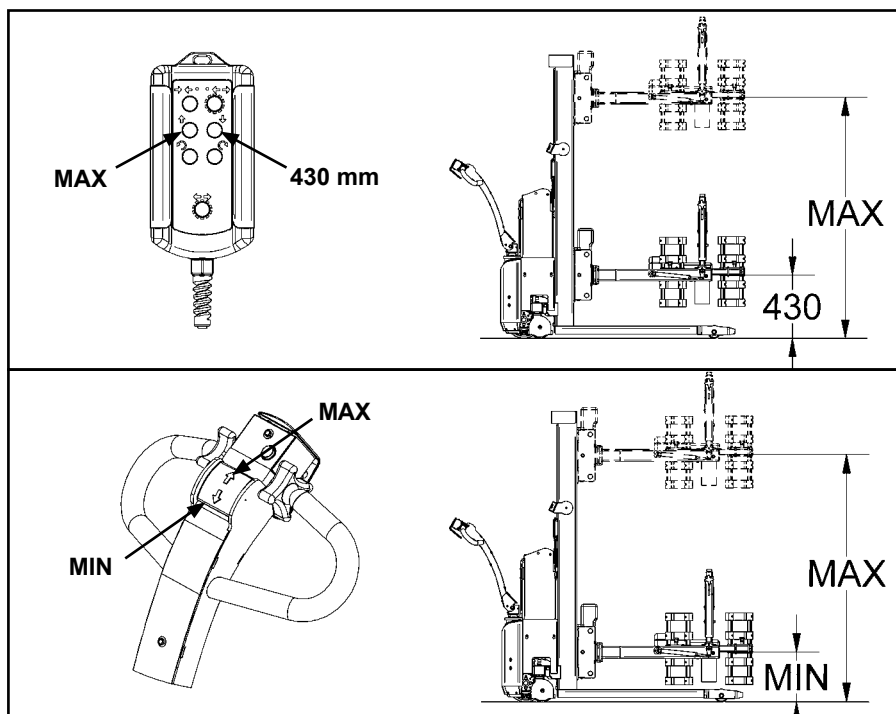
3.0 How to operate the Multi drum turner

3.4.1 Remote control / Lift and lower / Rotation

Lift / Lower

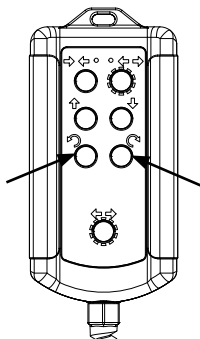


Press (A) to lift.
Press (B) to lower.



3.0 How to operate the Multi drum turner

Rotation:



Press to rotate in the direction of the arrow
The rotation is set to rotate continuously from the factory.
The load can be rotated 360°.

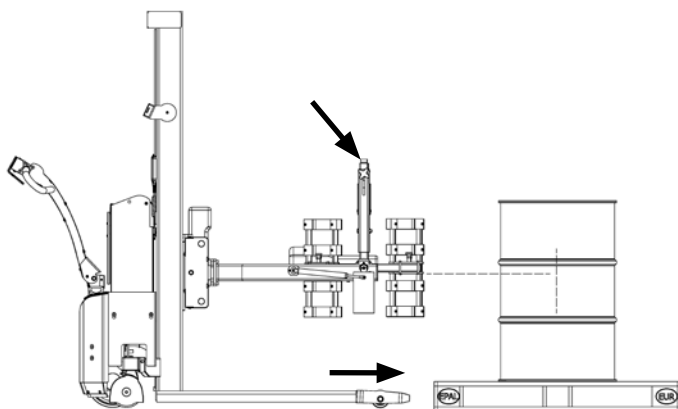


NOTE!

Check that the load is placed in the load center and is properly locked before rotating.

3.0 How to operate the Multi drum turner

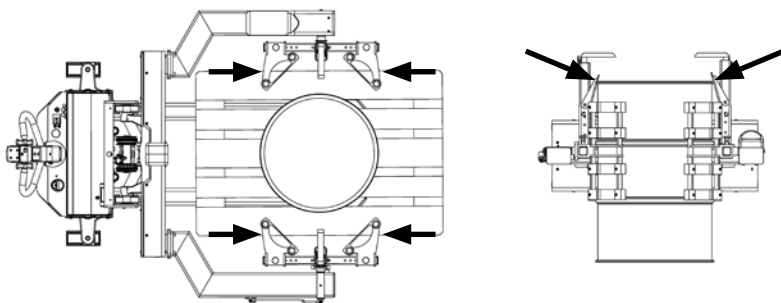
3.4.2 Remote control / Clamping of drums



The height is adjusted, so that the clamps (8) are placed approx. 5 cm above the middle of the drum, and the top lock (11) is moved to upper position.

The clamps (8) are adjusted to the drum diameter.

The height adjustment pipe (10) is adjusted so that the locking plate (12) is placed a little above the edge of the drum.

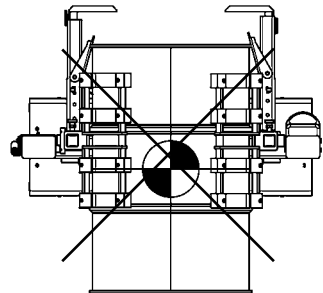
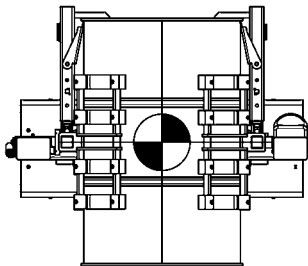
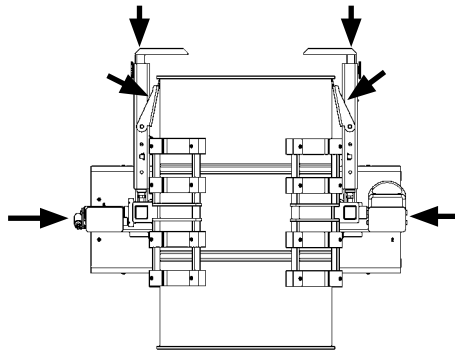


3.0 How to operate the Multi drum turner

Clamp slightly around the drum, and lower the gripping arms (9), until the locking plate (12) locks at the edge of the drum.

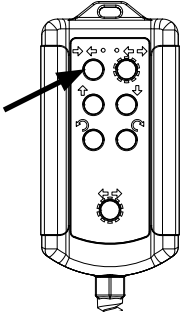
Close the gripping arms (9) to fully and safely clamp the drum.
The top lock (11) is adjusted to the top of the drum and is tightened.

(8, 9, 10, 11, 12 - please check 2.0 Functions and Identifications.)

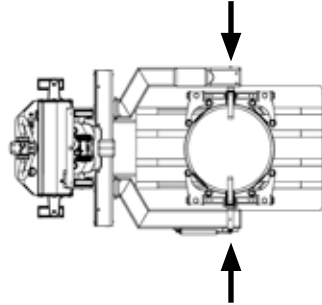


3.0 How to operate the Multi drum turner

Clamping:

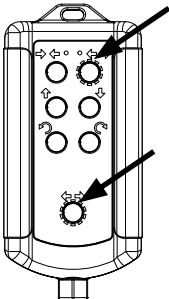


Press "Clamp" until the drum is safely fixed.

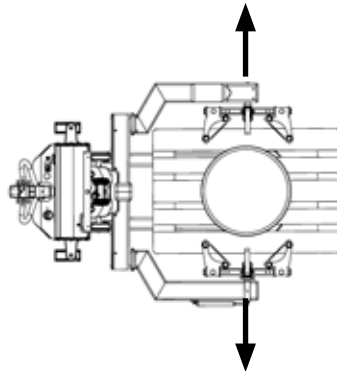


If **"soft drums"** are to be handled and a liquid to be poured out of the drum when reversed, take off the lid before clamping the drum. An overpressure may occur that might cause spraying out liquid.

Releasing:



Press "Release" and "Lock button" simultaneously to open the gripping arms.



3.0 How to operate the Multi drum turner

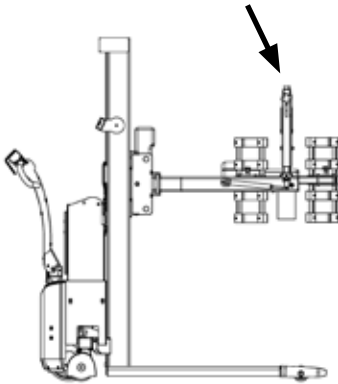


Larger drums **HAVE TO** be secured with “Drum top lock”.
Smaller drums **SHOULD** be secured with “Drum top lock”.
Small drums and cans are **NOT** secured with the “Drum top locks”.

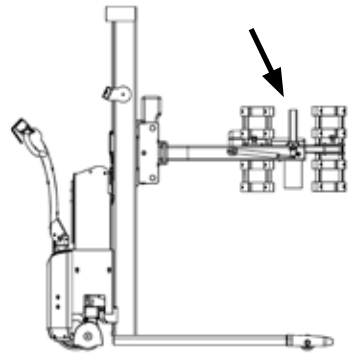


If using small drums and cans, remove “Drum top lock”.

If using larger drums



If using smaller drums and cans

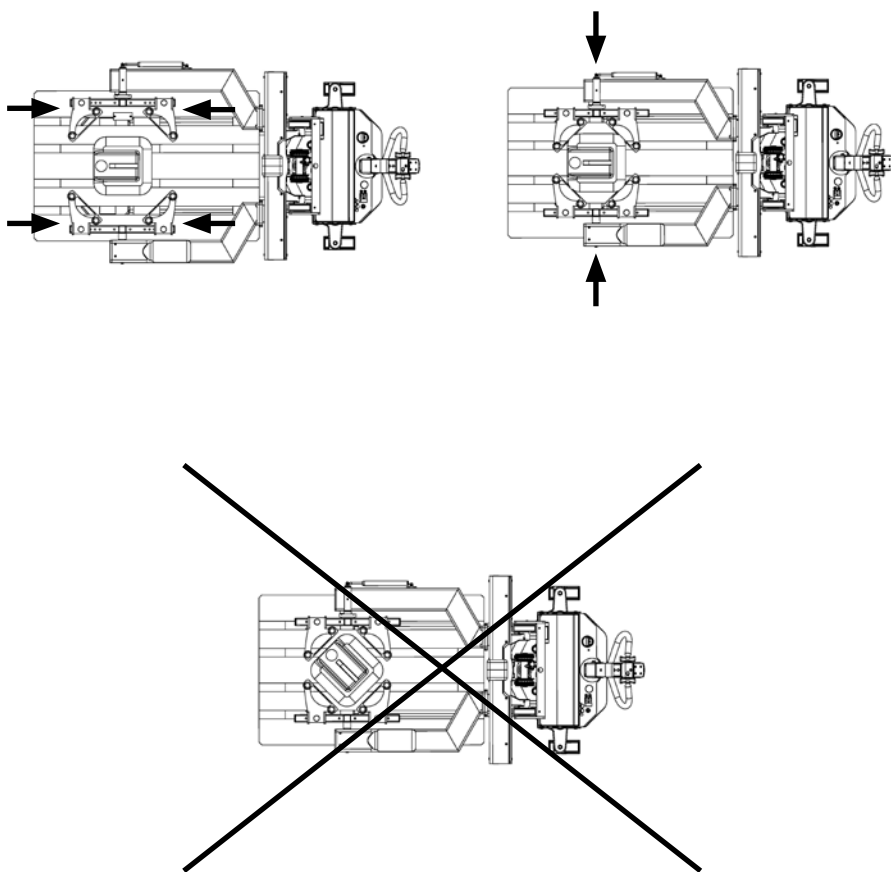


3.0 How to operate the Multi drum turner

3.4.3 Remote control / Clamping of small drums and cans

The gripping arms (9) in open position are placed around the drum/can.
The clamps (8) are adjusted to the size (diameter) of the drum/can.
Clamp around the drum/can.

(8, 9 - please check 2.0 Functions and Identifications.)

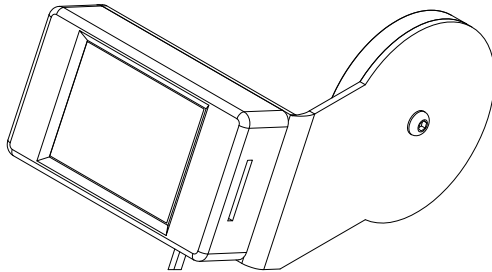


3.0 How to operate the Multi drum turner

3.5 User-Interface LUI-1 Multi drum turner

User-Interface LUI-1 for:

- Setting speed for rotation
- Setting up to three stop position/angles in both rotation directions
- Setting end-stop for gripping arms (inner/outer)

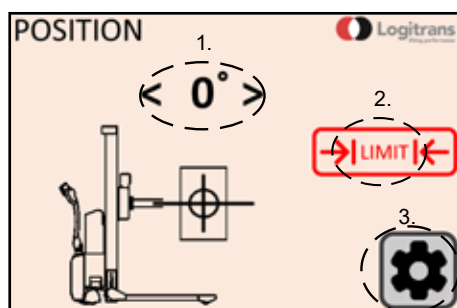


3.0 How to operate the Multi drum turner

3.6 Setting up User-Interface LUI-1 Multi drum turner

3.6.1 Home screen

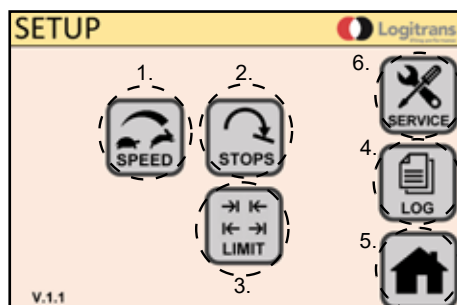
When starting the machine/deactivating of emergency stop in User-Interface LUI-1, the home screen is shown on the display.



1. Position of clamps
 - With green arrow - horizontal (0°)
 - With red arrow - programmed angle
2. Limit
 - Shown if the gripping arms are placed in end-stop position (inner/outer), and if the gripping arms can not be moved further.
3. Settings (SETUP)

3.6.2 Setup menu

At home screen, press settings (SETUP) and the following is shown.

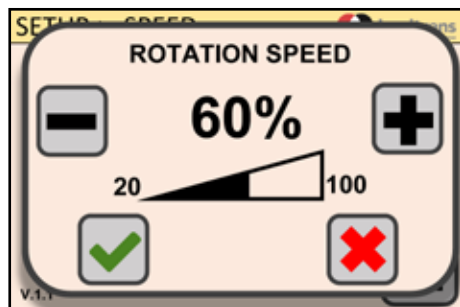


1. Rotation Speed (SPEED)
2. Angle stop (STOPS)
3. End-stop (LIMIT)
4. Usage data (LOG)
5. Return Home screen (HOME)
6. Service menu - only for service technician (SERVICE)

3.0 How to operate the Multi drum turner

3.6.3 Setting of rotation speed

At the Setup menu, press “SPEED” to adjust rotation speed of clamps.

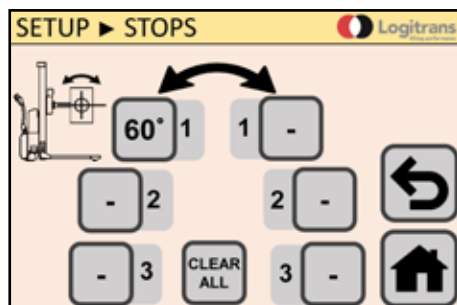


1. Use \pm to adjust the speed.
2. Use \checkmark/\times to accept/cancel the choice and return to Setup menu.

3.6.4 Setting of stop position

From the factory, the clamps are set to rotate continuously. When the clamps have rotated 360°, the machine stops rotating. If you want rotation to continue, it is necessary to release/press the rotation switch on the remote control again.

It is possible to set up to three stop positions/angles for rotation in both directions. If the machine is set with one or more stop positions/angles, the clamps can not rotate further than the last set stop position/angle.



At home screen, press settings (SETUP), and afterwards STOPS, and the following is shown.

3.0 How to operate the Multi drum turner

At the Stops menu, press on the first stop in the requested direction, and the following is shown.



1. Use \pm to choose the size of the angle or use TEACH to choose actual position.
2. Use \checkmark / \times to accept/cancel choice and return to Stops menu.
3. At the Stops menu, choose the next stop position/angle and repeat the procedure.

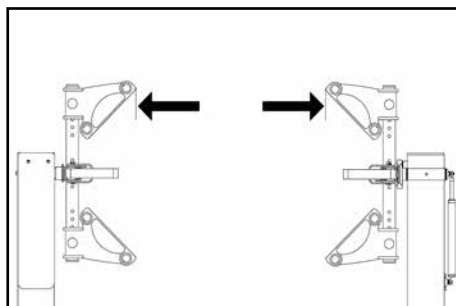
3.6.5 Deleting stop positions

At the Stops menu, press “CLEAR ALL” to delete all set stop positions/angles.

3.6.6 Setting the End-stop (LIMIT) for gripping arms (inner/outer)

If a limitation of the range of movement of the gripping arms is needed, a maximum and/or a minimum gripping arms distance can be set.

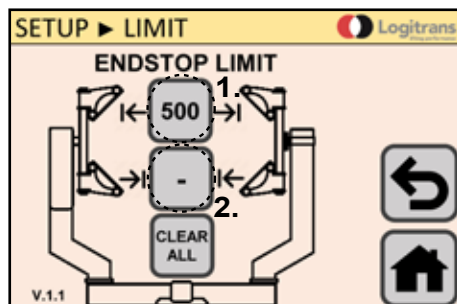
E.g. The minimum gripping arms distance or “Inside End-stop” (LIMIT) may be useful when handling plastic barrels/drums to prevent unnecessary deformation of the barrels/drums and/or to ensure accurate repeatability, when gripping the same type of barrels/drums.



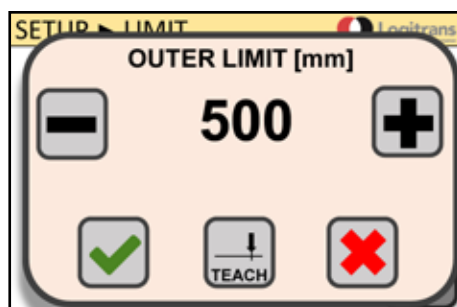
The value for the End-stop is the distance between the clamps, measured in mm.

3.0 How to operate the Multi drum turner

At the Home screen, press settings (SETUP) and afterwards End-stop (LIMIT), and the following is shown.



At the End-stop menu, choose outer (1) or inner (2), and the following is shown (e.g. outer-1.).



1. Use **+**/**-** to choose the distance size or use **TEACH** to choose actual position.
2. Use **✓**/**✗** to accept/cancel choice and return to End-stop (LIMIT) menu.
3. At the End-stop menu, choose the next end-stop position or press Home icon (HOME) to go back to the Home screen.

3.6.7 Deleting end stop limit positions

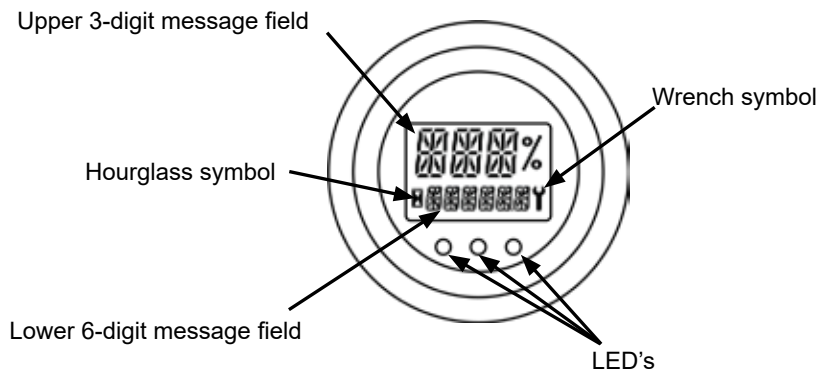
At the End-stop menu, press “CLEAR ALL” to delete all set end-stop positions.

3.0 How to operate the Multi drum turner

3.7 Battery Info display

The display can show the following information:

- The BDI or BOC – Battery state of charge
- Machine operating hours
- Fault codes/warnings
- State of operation LED's



3.7.1 BDI

The remaining capacity of the battery or BDI is showed in the upper 3-digit field in percentage.

If the BDI is lower than 30% - a "LOBATT" warning will be showed in the lower 6-digit field.

3.7.2 Machine operating hours

3 different operating hours are being logged:

- "TOTAL/KEY ON" hours - the total hours with power on the truck.
- "TRACTION" hours - the hours the traction motor has been in operation.
- "PUMP" hours - the hours the hydraulic pump has been in operation.

Under normal operation the "TOTAL" hours are displayed in the lower 6-digit field.

If the Forward/Reverse switch is activated shortly - the "TRAC" hours will be displayed.

If the Lift/Lower switch is activated shortly - the "PUMP" hours will be displayed.

3.0 How to operate the Multi drum turner

3.7.3 Faults

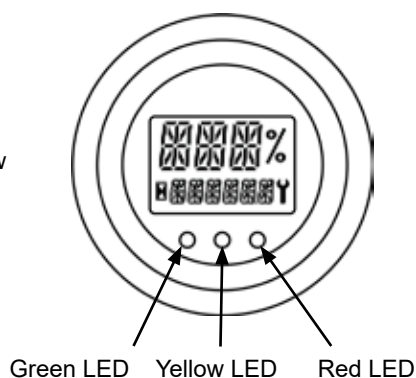
If a fault is present, the red LED, the message "FAULT" and the Wrench symbol will be flashing and the fault number is showed in the upper 3-digit field.

(See point 7.1 for Fault code description)

3.7.4 State of operation LED's

The LED's indicate the state of operation:

- Green - Normal operation
- Yellow - Warning state, low battery
- less than 30%
- Red - Warning state, low battery
- less than 15%
- Flashing Red - Fault/error state/battery too low



3.0 How to operate the Multi drum turner

3.8 Intended use

The Multi drum turner is designed for transporting, lifting and rotating many different drums. It is only designed for the general handling of drums. Drums with liquid, powder or solid material can be handled. If the contents are to be poured out, the user has to carry through the work so calm that the contents do not suddenly fall out.

The lifting height has to be as low as possible, until the user is familiar with the machine.

If unwanted material should stick to the machine, stop the machine and activate emergency stop before trying to remove the unwanted material.

Any use beyond this is contrary to the intended use.

Logitrans A/S is not liable for damages because of this; the risk is the sole responsibility of the user.

3.9 Unintended use



- **Never** use the machine without safety and protective devices.
- **Never** use the machine as a crane, lift or stand platform.
- **Never** use the machine with defective gripping arms, bushings or bolts. Is a protection defect, replace it immediately.
- **Never** use the machine for other purposes than those described in this instruction manual. Do **NOT** use the machine to handle other items than drums.
- **Never** use the machine as a toy.



Be very careful when cleaning the machine for material residues; this area contains moving parts. Gloves and safety glasses should be used and, where possible, appropriate tools should be used to remove unwanted material to avoid direct contact with fingers and hands.

3.0 How to operate the Multi drum turner

3.10 Unacceptable use

The operating safety of the delivered machine can only be guaranteed, if used in accordance with the intended use as described in this instruction manual. The limits given in the data sheets must under no circumstances be exceeded. Never use the machine as a crane or stand platform. Never use the machine for other purposes than those described in this instruction manual.



Minor adjustments of the gripping angle must be performed before lifting the drum. Do not stand in front of the drum opening, as material can fall out. If liquid or powder is wasted on the machine, the machine should be cleaned.



The gripping arms can freely rotate a drum 360°. If the clamping or turning function is blocked, stop the machine, activate the emergency stop and the handbrake. Wear safety glasses and good gloves, and remove the unwanted clamped material.

3.0 How to operate the Multi drum turner

Safety instructions for maintenance and inspection

- The user must ensure that maintenance, inspection and assembly are carried through by authorised and qualified persons, who, after careful reading of this instruction manual, have sufficient knowledge.
- Work must only be carried through, when the machine is switched off. The procedure for stopping the machine as described in the instruction manual must be followed strictly.
- For maintenance with the raised carriage/equipment, secure with suitable support elements.
- Use only suitable tools and wear gloves, safety shoes, helmets and glasses.
- Proper dispose of oil and grease.
- Immediately after completed work, all safety and protective devices must be fitted and reactivated.

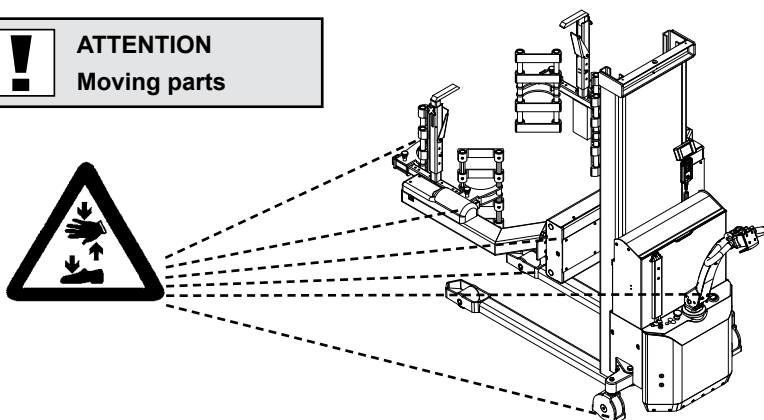
Safety instructions for responsible operator/user:

- The user has to be familiar with equipment, control elements and functions, before starting work. When the work has started, it is too late.
- The clothing of the user must be sealed (avoid loose clothes). Check the working area before starting.
- Provide an adequate view of the working area.
- Sitting/standing on the machine during transport and work is not allowed.
- Before leaving the machine, lower the carriage/equipment and remove the ignition key (if the machine has a key).
- The brake must be activated.



4.0 Optimum safety

The safety instructions in the instruction manual, the applicable national accident prevention regulations and internal working, operating and safety regulations, if any, must be observed.



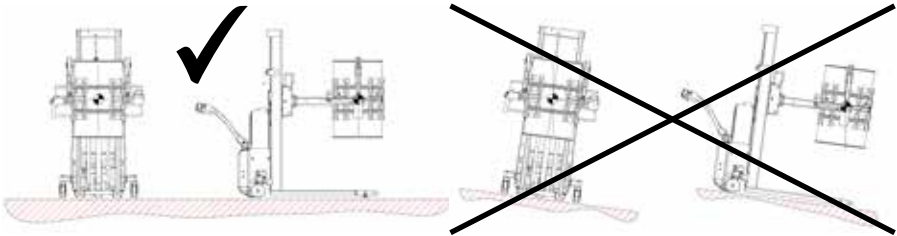
4.1 Safety regulations

- Never walk under a raised load!
- Never stand between the gripping arms!
- Before lowering the carriage, make certain that no foreign elements can hinder the free lowering of the carriage.
- The Multi drum turner is designed for use on an even and level floor.
- Do not exceed the permitted capacity of the product.
- During transport the carriage shall be raised as little as possible.
- Transport with raised carriage should be made over the shortest possible distances and at low speed.
- Check that the chains lift equally. They shall be equally tight when the carriage is loaded.
- Chains and chain bolts must not be damaged. Chains that have become permanently stretched (max. 2 % of original length) must be scrapped.



4.0 Optimum safety

4.2 Driving loaded



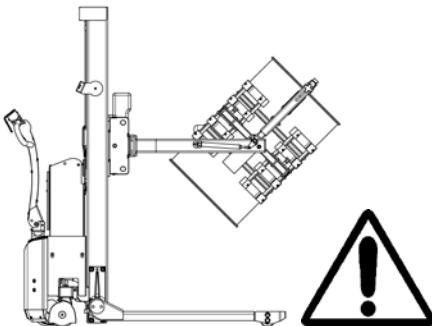
The load centre is never allowed to exceed the centre line of the wheels. During transport with load, the carriage shall be raised as little as possible. Transport should be made over the shortest possible distances at low speed.



When driving with liquid, be aware that the load center can move during braking.

4.3 Rotation with load

NOTE! Rotation is only allowed to take place, if the machine is placed on an even surface.



When rotating, the user needs a full overview of the whole working area, so that the rotation movement can be stopped, before the load touches floor, items or persons in the working area.

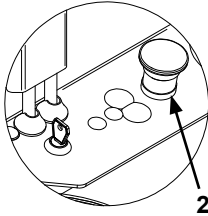


NOTE! Check that the load is placed in the load center and is properly locked before rotating.

4.0 Optimum safety

4.4 Emergency stop

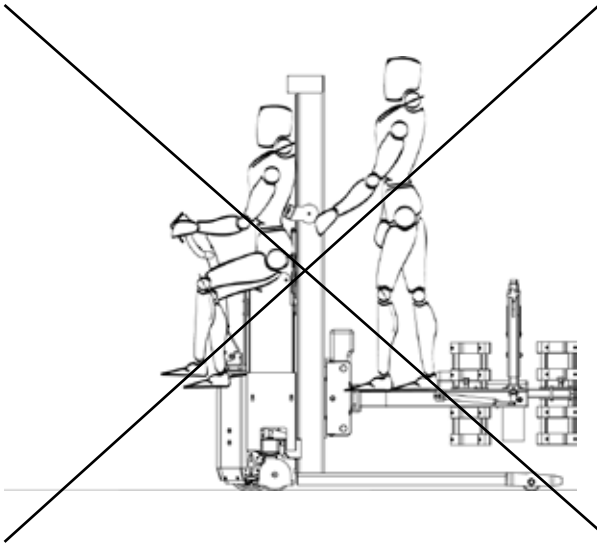
The product has an emergency stop (2). When activating the emergency stop, the main current supply is switched off.



- The movement of the carriage stops immediately.
- Driving with the truck stops immediately.
- The emergency stop is deactivated by turning the switch to the right.

4.5 Personal safety

Transporting or lifting persons by means of the Multi drum turner **is not allowed**.

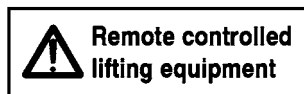


4.0 Optimum safety

4.6 Safety labels



Do not stand on or under the carriage/forks/equipment



Remote control on this machine.



Clamping risk for hands and feet.



The maximum allowed load appears from the label on the machine. Do not exceed this capacity.



Do not step here.

4.0 Optimum safety

4.7 Additional safety advices

Training:

The user must be competent and fully able to perform the work with this machine in a safe and efficient way.

Safety equipment:

Required: Wear the following safety equipment when working:



Safety shoes.

Please note the following risks:

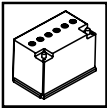
- The user can be stuck when clamping a drum.
- The user can be hit or caught by moving parts, e.g. gripping arms or spindle.
- The user can be hit by falling material or machine parts in case of machine damage.
- Accident at collision with other machines or lost items.

Always do the following:

- Make sure that the user has read this instruction manual and received instructions in the use of the machine.
- Make sure that all covers are fitted.
- Before leaving the machine, make sure that the gripping arms are lowered to the lowest position and the handbrake is activated.
- Check the working area and remove dangerous items, before starting to operate.
- Check that all warning labels are visible and that none of them is missing or unreadable.
- Follow the instructions of the manufacturer for correct operation.

Never do the following:

- Allow an inexperienced person to operate the machine unattended.
- Use the machine if the electrical or hydraulic system shows signs of damage
- Perform any maintenance or adjustment without lowering the gripping arms.
- Position in the working area of the machine (risk of injury).
- Use the machine for other purposes than those described in this instruction manual.



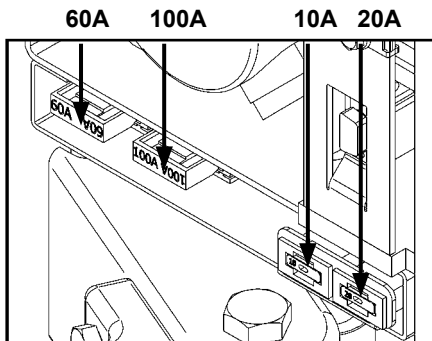
5.0 There must be a current supply...

5.1 Fuses - replacement

There are four fuses in the electrical circuit, located behind the plate with this pictogram.



- 60 Amp fuse for rotation
- 100 Amp fuse in the main supply from battery
- 10 Amp fuse in the control current circuit
- 20 Amp fuse for built-in charger



Replacement:

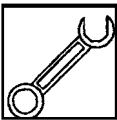
The old fuse is to be removed and replaced by a new one of the same size.

Find out why the fuses blow!

5.2 Wiring connections

Many operational disturbances are caused by bad

connections in the electrical circuit. Make sure that the connections are in order.



Check connections regularly for damage at insulating caps or bad connections at plugs etc. Verdigris must be removed from cable plugs. Keep all screw/nut connections tight.



6.0 Long live the Multi drum turner

Regular inspection and the replacement of worn or defective parts in good time will prolong the life of the Multi drum turner. "Prevention is better than repair", therefore ensure:

- That the battery is fully charged every time
- Correct usage
- Regular cleaning
- Periodic safety and service inspection (see the back page)

Due to safety reasons, the below points have to be checked every 3 months:

- Loose screws and nuts have to be tightened up.
- Breaches, cracks or deformations are not allowed on the load-bearing parts.
- Wearing parts, such as brakes, wheels and bearings, are to be adjusted or changed continuously

6.1 Lubrication and hydraulic oil



Under normal operation conditions the Multi drum turner requires no lubrication. All ball bearings are sealed and lubricated for life, and moving parts have self-lubricating bearings or are treated with grease.

The hydraulic system is filled with hydraulic oil of viscosity class ISO VG 15.

An additive is added to the oil. The concentrate reduces friction and wear and protects against corrosion. Pre-mixed hydraulic oil with additive is available from the dealer. The oil is suitable for use in the temperature range -10 to +50° C. A thinner oil is recommended for temperatures lower than -10° C (if necessary, contact your dealer).

6.0 Long live the Multi drum turner

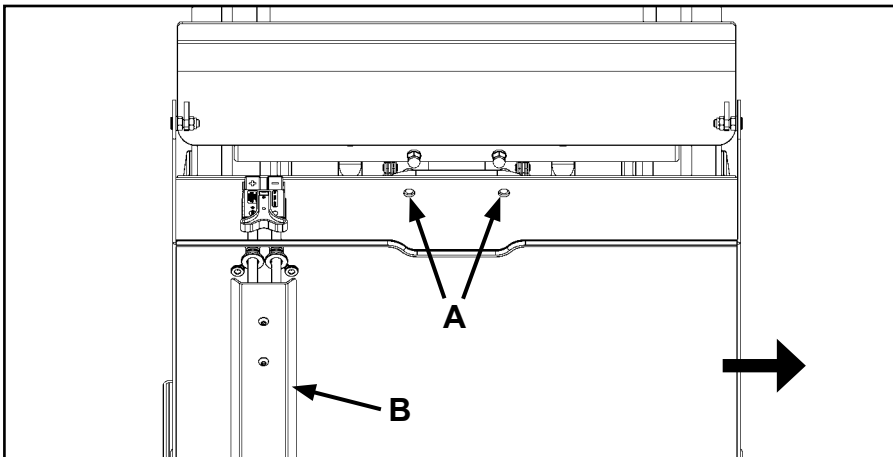
6.2 Oil change

Draining the oil:

1. Bring the unloaded carriage down to the lowest position.
2. Most of the oil can be drained by loosening the hydraulic hose union in the bottom of the cylinder. Activate the hydraulic pump by pressure on the switch. The oil will run out.
3. Take off the side plates.
4. Take off the cables of the battery. Remove from the battery box: cables, two mounting bolts (A) and cable holder (B) and push the battery box to the right.
5. The remaining oil is emptied from the oil tank by sucking up the oil.
6. Place the hydraulic hose again.
7. Oil is filled in by removing the oil filler cap from the tank.
8. Oil quantity:

SELFMDT 1800 / SELFMDT 1800	approx. 3,5 liters
SELFMDT 2100 / SELFMDT 2100	approx. 3,5 liters

9. Place the oil filler cap again and bleed the system (see 6.3)



6.0 Long live the Multi drum turner

6.3 The hydraulic pump and the gear motor

The hydraulic pump has a S3 "periodic intermittent duty" of 10%. This means that the pump in total is allowed to operate 1 minute for a period of 10 minutes.

NOTE! If the pump operates more than 10%, the motor will be damaged due to superheating.

Bleeding the hydraulic system

With a load of 50-100 kg, the carriage must be raised and lowered to top and bottom position 2-3 times.

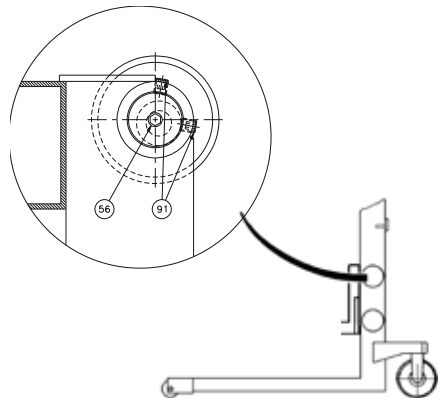
The gear motor has a "short time under constant load" of 10 minutes (S2=10 minutes). This means that the motor is allowed to operate with the maximum load for 10 minutes. Hereafter it has to be cooled down to normal temperature.

NOTE! The motor will be damaged by superheating, if it operates for a longer time or if it is not cooled down.

6.4 Carriage adjustment

Two of the rollers on the carriage are mounted on eccentric pins, so that they can be adjusted. The adjustable rollers are at the top.

1. Loosen screw (pos. 91)
(key width 5 mm).
2. Eccentric pins (pos. 56)
(key width 8 mm) can now be turned to
give the necessary carriage adjustment.
3. Adjustment must be made on both
sides to ensure uniform loading of the
rollers.



6.0 Long live the Multi drum turner

6.5 Adjustment of lifting chain

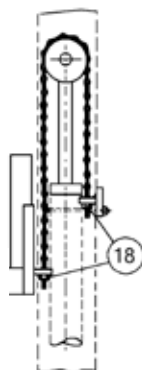
The chains shall be adjusted so that:

- They lift equally
- They are equally tight
- The lifting movement has to stop in the cylinder, before the mast rolls touch the top stop.

After having adjusted the chains:

- Check that the carriage is placed horizontally.

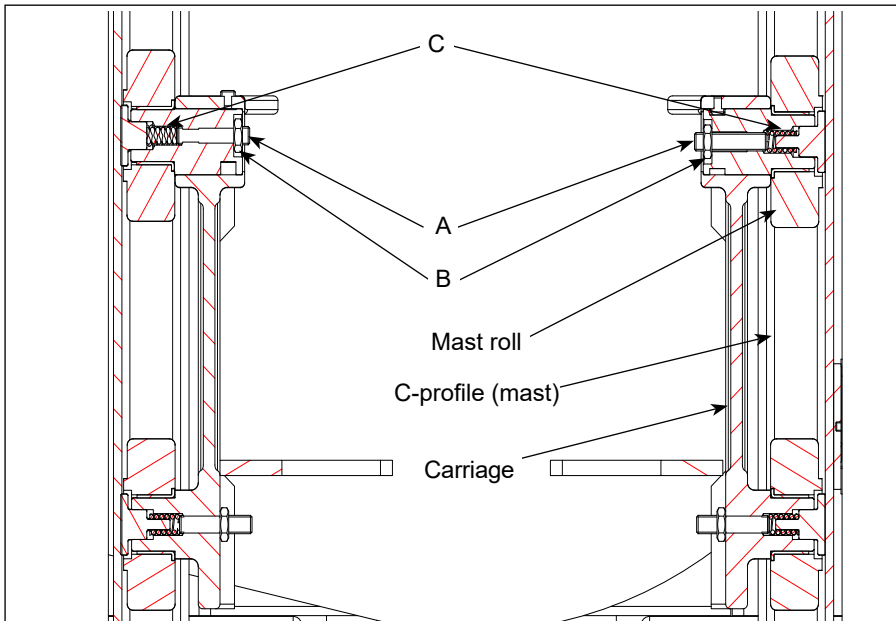
The nuts (pos. 18) are to be adjusted (nut M12, key width 19 mm).



6.0 Long live the Multi drum turner

6.6 Adjustment of side play

1. Screw (A) is loosened counter-clockwise, until resistance disappears.
2. Turn the screw clockwise, until resistance appears. The following 1.5 to 2.5 turns of the screw will be a tightening of the spring (C).
3. When a larger resistance appears, make 0.25 turn counter-clockwise, and the counter nut (B) will be tightened.
4. Lift the carriage to the top position, and when lowering it has to slide to the bottom. If this is not the case, loosen screw A, make c. 0.5 turn counter-clockwise and repeat point 4.



6.0 Long live the Multi drum turner

6.7 Cleaning



When cleaning the Multi drum turner, do not direct the jet onto bearings and seals. Otherwise the grease will be washed out and the life of the equipment shortened. Avoid spraying directly with liquids on the handle and other electrical components.

Cleaning of the plastic screen (polycarbonate)

The screen is to be washed with slightly warm water added a neutral cleaning material, and afterwards washed with clean water.

Use a soft sponge, a woollen cloth or a wash leather.



Never use sharp objects or solvent cleaners when cleaning.



7.0 Fault codes/Fault location key

7.1 Fault codes - Battery info display

Code	Description	Solution
17 23	Battery voltage too low Power supply is missing	Charge battery Check fuses
16 22	Controller overheated	Contact the dealer
39	Error main relais	Contact the dealer

For other error codes, contact your dealer.

7.0 Fault codes/Fault location key

7.2 Fault location key

When the Multi drum turner is used every day, adjustments and the replacement of worn parts might be necessary.

Adjustments and minor repair can easily be made on the spot. Major repairs should, however, be carried through by the dealer who has a well-trained staff and the necessary special tools.



**Before asking the dealer for assistance...
...try the fault location key!**

SYMPTOMS AND OBSERVATIONS

- A** Pump does not run when the UP button is pressed _____
- B** Multi drum turner does not lift when the UP button is pressed _____
- C** Multi drum turner does not lift to max. height _____
- D** Carriage fall after being raised _____
- E** Carriage do not sink when DOWN is pressed _____
- F** Carriage cannot be lowered fully _____
- G** Multi drum turner is unable to lift the max. load _____
- H** Multi drum turner lifts slowly _____
- I** Carriage do not lift horizontally _____

Cause

Remedy

	Oil deficiency	See point 6.1/6.2
	Battery discharged	See separate instruction
	Fuse blown 10 Amp or 100 Amp	See point 5.1
	Cables defective	See point 5.2
	Max. load exceeded	See point 4.1
	Air in hydraulic system	See point 6.3
	Pressure relief valve incorrectly adjusted	Contact the dealer
	Leakage in hydraulic system Visible oil leakage	Contact the dealer
	Carriage needs adjustment	See point 6.4/6.5/6.6
	Solenoid or check valve defective	Contact the dealer
	Defective valves in pump	Contact the dealer
	Defective solenoid valve	Contact the dealer
A		
B		
C		
D		
E		
F		
G		
H		
I		

If the problem cannot be solved
by using the fault location key...

...please contact your dealer!



8.0 Good service after purchase

8.1 Ordering spare parts

The correct spare parts are obtainable from your dealer.

When ordering, please state:

- Serial number of the product
- Type and width/length of the product
- Spare part no. Please find spare part no. on **www.logitrans.com**

8.2 Warranty/Compensation

Spare parts delivered during the warranty period will be invoiced. A credit note will be sent immediately after we have received and tested the defective parts and found that the warranty conditions have been met.

8.3 Service and repair

You should be able to make adjustments and perform minor repairs on the spot. However, major repairs should be left to the dealer who has well-trained personnel and the necessary special tools.

8.4 Warranty

The warranty covers material and assembly defects which, subject to inspection by us or our representative, are deemed to be faults or deficiencies that prevent normal use of the parts concerned. Such affected parts shall be sent to your Logitrans dealer carriage paid within the warranty period in force at the time in question, together with a copy of the documentation for the service performed (B0284 - see the back page). The warranty does not cover normal wear and adjustments. The warranty period is based on singleshift working.

The warranty shall no longer apply if:

- the product has been used incorrectly,
- the product is used in environments for which it was not designed,
- the product has been overloaded,
- replacements of parts have been made incorrectly or original parts have not been used and consequential damages have arisen,
- if the product is changed or accessories, not being approved by Logitrans, are used.
- it can not be proved that a qualified technician has performed the service check according to the requirements stated in the instruction manual (see the back page).

8.5 Liability exemption

The manufacturer accepts no responsibility for personal injury or material damage arising from deficiencies, defects or improper usage. The manufacturer accepts no responsibility for lost earnings, operating losses, lost time, lost profits or similar indirect losses incurred by the purchaser or a third party.

Periodic service and safety inspection

Service inspection is required once each year, or at least for every 500 hours of operation.

Safety inspection should be performed by the dealer or other qualified persons at least once each year, unless local regulations state otherwise.

The inspection is to be performed on the basis of form no. B0367, and proved on form no. B0284. Forms and instruction for the inspection are available at your dealer.

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