facelift
access and safety made easy

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www.facelift.co.uk

denka dl22n

shortform operating instructions

narrow access

This book is designed as a guide to enable you to start work quickly and safely. It is not intended to replace the full manufacturer's operating instructions (a copy of which should be with your machine) which should be read and understood by anyone operating the machine.

SAFETY TIPS

ALWAYS

- Inspect your machine before use.
- Check all operations including ground controls.
- Check ground conditions.
- Check clearance from overhead obstructions (power cables, building projections etc).
- Plan your task/job.
- Use sole boards under your outriggers at all times regardless of ground conditions.
- Stabilise and level machine before use.
- Wear a safety harness connected to a suitable anchorage point inside the platform.
- Operate all controls smoothly.
- Warn other people that you are there by means of flashing lights, sign and cones.
- MAKE SAFETY YOUR No.1 PRIORITY.

NEVER

- Use an unsafe machine.
- Use an access platform to hoist loads like a crane.
- Overload cage/platform.
- Operate in strong winds (Check manufacturer's recommendation).
- Rest the cage on a structure or object to gain extra support.
- Attach your safety harness to a structure outside of the platform.
- Throw or drop anything from the platform.
- Use boxes, ladders or stand on handrails to gain additional height, if you can't reach, you need a bigger machine.
- Let an untrained person operate the access platform.
- Take unnecessary risks (hospitals and graveyards are full of dead heroes!)

In the unlikely event that your machine develops a fault
please contact the Facelift Tech Team on 01444 881100

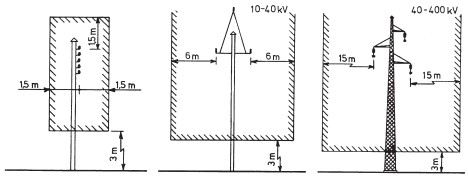
CONTENTS

SAFETY REGULATIONS

The lift's construction and control system ensure the user against a break down during general operation conditions. However, you still should pay a lot of attention while using the lift. Furthermore, it is most important to closely stick to the instructions in this manual. Do not evade the safety functions of the lift.

A FAULTY OPERATION OR AN INCORRECT USE OF THE LIFT CAN CAUSE BREAK DOWN, PERSONAL INJURY OR MORTAL DANGER!

1. Read and understand this operator's manual and the instructions pasted on the lift.
2. Only trained persons (familiar to all lift functions) are allowed to operate the lift.
3. The lift must not be used by persons under the age of 18.
4. The lift must not be used by persons who are under the influence of alcohol/medicine/drugs.
5. To prevent an unauthorised use of the lift, never leave the lift unlocked and remember to take the keys with you.
6. There must be a trained person to carry out a possible emergency lowering from the ground.
7. Never use a defective lift.
8. Prior to using the lift check its safety equipments.
9. Never exceed the basket's maximum load of 200 kg (equals to approx. 2 persons + 40 kg).
10. The basket's side forces must not exceed 320 N.
11. The lift has to be set up in a horizontally-level position and on a base capable of bearing.
12. Never install the lift on a slope exceeding 8,75% = 5° slope.
13. When placing the lift on sloping ground always use scotches under the wheels to stabilise it.
14. Stops and thoroughfare below the basket are prohibited due to risk for falling objects.
15. Prior to using the lift check its proper selling-up.
16. When placing or operating the lift on public areas a distinct marking or a barring of the workplace has to be done.
17. The lift's operator must ensure that nobody and nothing can be jammed.
18. When using the lift ensure that the baskets gate is securely closed and the ladder is up.
19. Never use the lift as a crane.
20. Never increase the basket's load when the boom is outside the transportation position.
21. Never leave the basket in its lifted position.
22. Never sit nor stand on the basket's railings.
23. Never increase the working height by ladders, planks or similar objects.
24. Never install plates or the like that might increase the wind area of the basket or the boom.
25. Materials and tools must be securely placed in the basket.
26. Avoid any contact or collision with fixed stanchions/buildings.
27. When working close to live wires the safety distances must be complied with.
28. The lift must not be used in environments with danger of explosion.
29. Never use the lift outdoors if wind velocity is exceeding 12,5 in/sec. (wind force 6 on the Beaufort's scale).
30. Never use the lift during thunder and lightening.
31. The lift must not be exposed to sandblasting or extreme water influence. When using high pressure cleaners the electrical parts must not be sprayed directly.
32. Never recharge the batteries near sparks or open fires. Batteries under charging procedure produce highly explosive hydrogen gas.
33. Always meet the date of the yearly security inspection.



According to the "Power Switch Regulations" with work close to live supply plants the distances should be observed for both persons as well as passenger lifts. In case the work is requiring smaller distances the person in charge of the work should in advance make an agreement with the power supplier as to the performance of the work.

USING THE LIFT

PRIOR TO USING THE LIFT

THE LIFT HAS TO BE USED ACCORDING TO THIS OPERATOR'S MANUAL AND THE INSTRUCTIONS PASTED ON THE LIFT!

For a reliable use of the lift it is important that you stick to this instruction manual and the directions pasted on the lift.

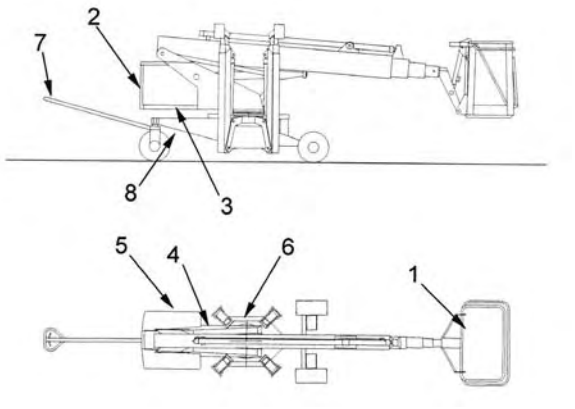
In chapter 8 you will find a specification of instruction labels available for your machine.

All lift operators must have studied this instruction manual or have been educated by a skilled user prior to working on this machine.

Before getting started always check that

- the batteries are fully charged,
- the time limit concerning the safety overhaul is not exceeded,
- all control devices are intact,
- all instructions pasted on the lift are clearly legible,
- the hydraulic system does not have any leakages,
- there are no visible damages on the hydraulic coils and pipes,
- there are no visible damages on the driving gear, wheels, chassis, slewing base, boom or basket.

CONTROL PANELS



OPERATION PLACES

Position	Function
1	The basket's control panel. (Emergency stop, disconnects all controls)
2	The slewing base's control box. (Emergency stop, disconnects all controls)
3	Emergency stop, Lift motor. (Disconnects the electric motor of the lift)
4	Spirit Level.
5	Emergency operation of the lift.
6	Control lever for the supports legs.
7	Control of the self-driving device.
8	Adjusting lever for the travelling speed (see chapter on self-driving function).

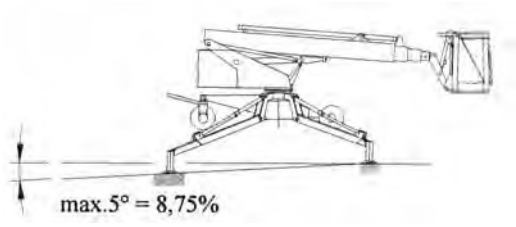
WARNING

PRIOR TO USING THE LIFT CHECK ITS PROPER INSTALLATION! (CHAPTER 3.3)

When placing the lift for a longer period of time at the same place check that the lift is still in level and that all support legs are having contact with the ground before continuing your work with the lift. Never use a defective lift. In case of doubt or if possible defects or damages are found the basket has to be taken down immediately. All defects and damages are to be repaired before the lift can be used again.

SETTING UP THE LIFT

BEFORE INSTALLATION

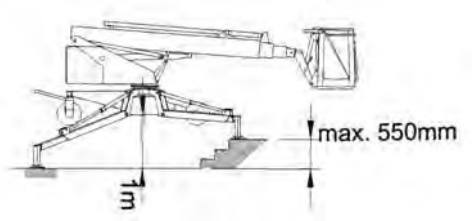


Always check that the base has sufficient load capacity and stands on ground with a slope of less than 8,75% = 5°. With placement on loose ground always use base plates under the support legs to equally spread the load.

In case that supporting the lift is necessary:

The load on one single support leg can reach up to 1650kg under operation Thus the following recommendations should be followed.

Placement on:	Minimum demands for supporting:	Fladetryk
Asphalt, concrete or flagging:	No special supporting necessary.	47 N/cm2
Solar heated asphalt:	28 mm plate of min. 40 x 40 cm.	10,5 N/cm2
Dry, firm lawn or tread-down gravel.	28 mm plate of min. 40 x 40 cm.	10,5 N/cm2
Loose soil, wet lawn or other bases that are not firm:	Never place the lift on these surfaces as even minor changes of the ground condition can be dangerous.	
Ice:	Never place the lift on ice.	



If equalising the level differences by base plates i required ensure that a slipping of the scotches is not possible.

As the load on one support leg can vary from 0-1400 kg during the use of the lift, you have to be aware that the scotches might get loose.

Check that the rotating slewing base cannot collide with firm objects as e.g. walls or similar objects and neither with moving parts as cranes, ships, cars, etc. As a minimum the support leg square should be free. See dimensionsketch 9.4.

WARNING

WHEN THE LIFT IS PLACED IN PUBLIC AREAS THE WORKPLACE HAS TO BE CLEARLY MARKED AND POSSIBLY BARRED

Installing on reduced outrigger area (extra equipment)

If a lift is equipped with the feature for setting up in a reduced outrigger area each outrigger telescope can be adjusted in a a way that shortens the outrigger length, thus diminishing the the outrigger area to 3,2 x 3,2 metres.

The outrigger are fixed in the reduced adjustment by sticking a cotter bolt into the outriggers while the outrigger is in transport position. We emphasise on only using the short outrigger position whenever really necessary.

4 possibilities for setting up and 2 load areas (extra equipment)

If a lift is equipped with the feature for setting up in a reduced outrigger area the outrigger telescopes can be restricted in a way that makes the outriggers shorter.Thus reducing the outrigger area to approx. 3,2 x 3,2 m.

The lift's outreach will be reduced by 3 m on the very side that is set up with the short outriggers.

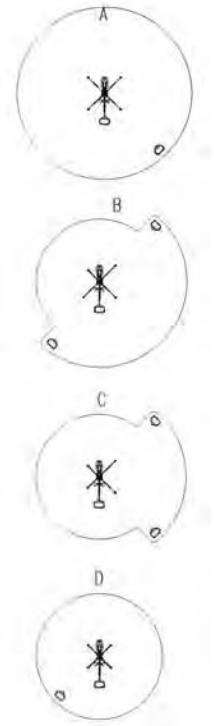


Figure A

In case that all 4 outriggers are extended to the maximum the outriggers area will be 4 x 4 m and the lift's outreach 10 m.

Figure B and C

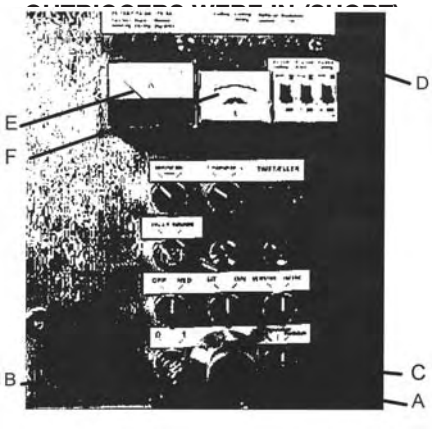
In case that 1 or 2 outriggers are extended to the maximum and 3 or 2 outriggers in are reduced position the outreach between the max. extended outriggers will be 10 m and above the remaining area 7 m.

Figure D

In case that all 4 outriggers are reduced the outrigger will be 3,2 x 3,2 m and the lift's outreach will be 7 m in every direction.

WARNING

IF THE LIFT INSTALLED WITH THE OUTRIGGERS IN DIFFERENT POSITIONS (TELESCOPES IN AND/OR OUT) THE LIFT WILL FUNCTION AS IF ALL FOUR



A Emergency stop: Press to activate. Turn clockwise to stop.

B Key switch.

C Selection of operation place.

D Pilot lamps:

yellow charging connected.

green batteries charged.

red batteries discharged.

green support legs teleskop.

green support legs o.k.

G green slewing base centre position.

E Ampmeter: actual charging rate

F Voltmeter: battery voltage

PLACING THE LIFT

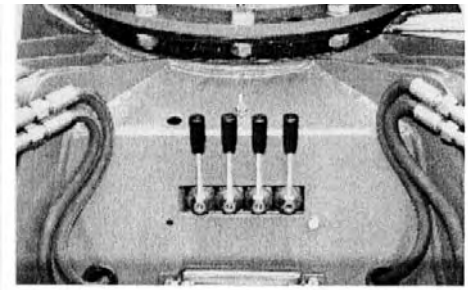
1 Pull the hand brake. When placing the lift on sloping grounds scotches must be used.

2. Always connect the charging cable where possible.

3. Check that the support legs are correctly mounted. (See chapter 3.8 for instructions on the use of the reduced travelling width.)

4. Open the contr.-box at the chassis. Turn the key to "1". Set the switch "BASKET/CHASSIS/SUPP.-LEGS" to "SUPP.-LEGS".

   The hydraulic pump is starting. After approx. 5 mm. the pump will stop automatically. By setting the switch to "CHASSIS" and back to "SUPPORT LEGS" the pump will start again.



5. With the control levers at the front right supporting leg the front support legs are lowered at first to protect against overload of the supporting wheel. All 4 support legs are lowered until the wheels are free from the surface and the green lamp of the control box “SUPPORT LEGS OK” is turned on.

   To facilitate a quick, easy and proper installation we recommend to operate the support legs by pairs.

6. The adjustment of the support legs should be continued through the in-built spirit level until the lift is level. Check that all support legs are touching the surface. It is a good idea to finish the installation by a simultaneous brief downward push activation of all four operations to equalise pressure differences between the different legs.

   At a setting up at the same place for a longer period a certain settling of the base and/or the support legs is always possible, thus before resuming the work it should always be checked that the lift is still level and that all support legs are touching the surface before resuming the work.

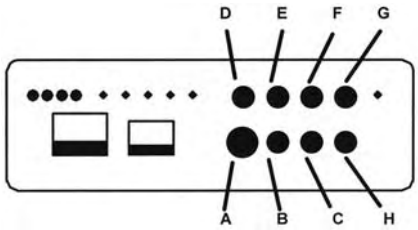
7. Place the switch “BASKET/CHASSIS/SUPPORT LEGS” at pos. “BASKET” or “CHASSIS” depending on the operation place. The pump will stop.

   The lift is now ready for use.

OPERATING FROM THE CONTROL BOX

At the front of the chassis you will find a control box permitting the operation of the lift from the slewing base. Never use the ground operation unless the basket is unmanned or there are people in the basket in an emergency situation as the control of the basket movements is most difficult. Place the switch “BASKET/CHASSIS/SUPPORT LEGS” on position “CHASSIS” for transfer of the control function to the control box.

With operation from the chassis all functions are ON/OFF controlled. The operation can cause strong movements of the basket and should be executed with extreme care.



FUNCTION OF THE CONTROL BOX PUSHBUTTONS

A EMERGENCY BUTTON. Push to activate. Turn clockwise to release.

B Key switch.

C Selecting the operation place.

D Boom UP/DOWN.

E Boom OUT/IN.

F Lift is slewing clockwise/counter-clockwise.

G Emergency lowering. (see instructions in a later chapter)

H Turn left for high speed, right for low speed. (Only for lifts with ON/OFF steering control.)

OPERATING FROM THE BASKET, ON/OFF CONTROL

Switch at the control box “BASKET/CHASSIS/SUPPORT LEGS” to “BASKET” to move the control function up to the basket. Before using the lift check that the basket’s door is completely and properly closed and that the ladder is up. At the sound of an acoustic alarm the boom has to be run completely in and down. Contact an authorised and trained service technician.

FUNCTIONS OF THE OPERATION LEVERS AT THE CONTROL DESK

A Backward: Boom DOWN.
Left: Basket rotates clockwise.
Right: Basket rotates counter-clockwise.
Forward: Boom UP.

B Forward: Boom IN.
Backward: Boom OUT.

C Emergency Stop: Press to activate. Turn clockwise to release again.

D High flow speed: right = fast
left = slow

E Right: Lift slews counter-clockwise.
Left: Lift slews clockwise.

F Acoustic Alarm.

Only use one function at a time to get a steady and stable movement of the basket.

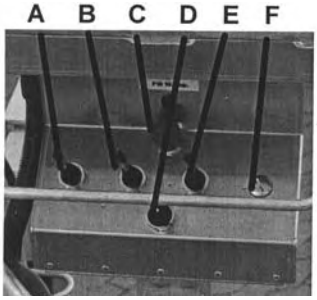
The boom’s UP and DOWN movements are automatically reduced to half speed when reaching approx. 20 degrees from top outreach. If you want slower movements it is possible to switch to half speed. Use “UP” before “OUT” and “IN” before “DOWN”.

Before and during the use of the lift be aware that nobody can be jammed against the slewing base, the boom or the basket. Always keep a reasonable and safe distance to moving objects as lorries, cranes, ships, etc., as a collision can be deadly dangerous.

OPERATING FROM THE BASKET, PROPORT. CONTROL

Switch at the control box “BASKET/CHASSIS/SUPPORT LEGS” to “BASKET” to move the control function up to the basket. Before using the lift check that the basket’s door is completely and properly closed and that the ladder is up. At the sound of an acoustic alarm the boom has to be run completely in and down. Contact an authorised and trained service technician.

Functions of the Operation Levers at the Control Desk



A	Left joy-stick:	Lift up the white collar before using.
	Backward:	Boom DOWN.
	Left:	Basket rotates clockwise.
	Right:	Basket rotates counter-clockwise.
	Forward:	Boom UP.
B	Emergency Button:	Press to activate.
		Turn clockwise to release.
C	Right joy-stick:	Lift up the white collar before using.
	Forward:	Boom IN.
	Backward:	Boom OUT.
	Left:	Basket rotates clockwise.
	Right:	Basket rotates counter-clockwise.
D	Acoustic Alarm.	

The lift is provided with a proportional control by which the speed of the movements (apart from the basket's rotation) is proportional with the movements of the operation lever.

Only use one function at a time to get a steady and stable movement of the basket. Increase and reduce the speed gradually at the start and the end of the movement.

Use "UP" before "OUT" and "IN" before "DOWN".

Before and during the use of the lift be aware that nobody can be jammed against the slewing base, the boom or the basket. Always keep a reasonable and safe distance to moving objects as lorries, cranes, ships, etc., as a collision can be deadly dangerous.

AFTER USING THE LIFT

NEVER TRY TO LIFT THE SUPPORT LEGS BEFORE THE BOOM IS PLACED IN THE TRAVELLING POSITION

To prepare the boom for travelling:

1. Run the boom completely IN.
2. Slew to centre position. This is indicated by 2 yellow marks.
3. Lower the boom onto the boom support/rest.

Preparation for travelling:

1. Is the lift placed on sloping ground use scotches to secure.
2. Switch "BASKET/CHASSIS/SUPPORT LEGS" to "SUPPORT LEGS".

   The hydraulic pump starts and stops automatically after approx. 5 mm. It can be re-started by switching to "CHASSIS" and back to "SUPPORT LEGS".
3. Check that nothing/nobody can be jammed at the lift.
4. Lift the rear support legs first to avoid overload on the steering wheel.
5. Run all support legs completely UP. Check that all support legs are completely UP.
6. Switch "BASKET/CHASSIS/SUPPORT LEGS" to "BASKET" or "CHASSIS". The pump stops.
7. Always remember to take the key with you.
8. Remove all loose tools and the like from the basket. Close all cases and boxes and check that they cannot open under travelling.

The lift is now ready for transport. See chapter 3.7 for more instructions on how to use the manoeuvring facility.

CHARGING OF BATTERIES

After the use the lift should always be recharged. The charging cable delivered with the lift is to be connected between the charging input and a 230V socket.

After connection is made check the proper function of the charging system. The yellow lamp "charging connected" must be alight. The ammeter must show a deflection of 1-50 Amp. The deflection is variable depending on the charging condition of the batteries and on the size of the voltage supplied.

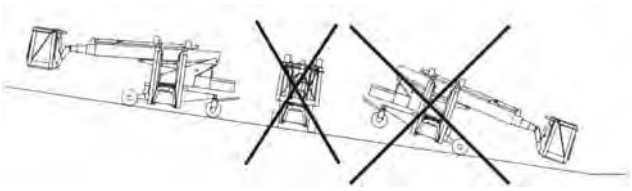
After charging (4-10 hours later) the green lamp "charging finished" alights and the yellow control lamp "charging connected" is turned off.

Fault possibilities: (no deflection on the ammeter and the pilot lamp "charging connected" is not turning on):

A. Check that the 230 V connection is turned on, that the cable is correctly installed and the fuse of the cable connection is not blown.

B. Check the automatic fuse F1 in the control box and in case fuse is switched off make a reset.

HYDRAULIC WHEEL DRIVE, MANOEUVRING FUNCTION



The lift is equipped with an integrated manoeuvring function. With the steering bar the direction (forward – backward) is chosen. When travelling on slopes the steering wheel always has to be lowest. The lift can manage a slope upwards of max. 12-15 %.

When travelling on slopes the wheels have to be in the outer position, see chapter 3.8 for instructions in connection with reduced width.

Use of the Hydraulic Wheel Drive

1. Set the key switch at the control box onto position "1 Switch "BASKET/CHASSIS/SUPPORT LEGS" to position "SUPPORT LEGS".

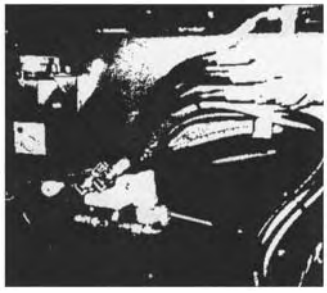
   The hydraulic pump starts and stops automatically after approx. 5 mm. It can be re-started by switching over to "CHASSIS" and back again to "SUPPORT LEGS".

2. The manoeuvring function is operated by pulling bars and a steering handle at this bar.

   Steer the lift by pulling at the pulling bar.

   Pull at the right side of the handle to move forward.

   Pull at the left side of the handle to move backwards.



   At the regulation lever that is placed at the front of the chassis at the slewing boom the speed can be chosen (fast/slow) by a mechanical switch-lever.

   Lever up: slow speed, pulling by all three wheels.

   Lever down: fast speed, pulling by the steering wheel.

Releasing the brakes

The brakes of the self-drive function can be in-activated. The thumb-screw at the self-drive unit has to be screwed in and the system has to be briefly activated forward or backward. Hereafter the brakes will be released.

REDUCED WIDTH

If the lift has to travel through narrow passages the width can be reduced in different ways: the basket can be taken off, the wheel axles can be pushed in to 1065mm or 895mm and the outer part of the support legs with the base plates can be turned or de-mounted.

1065mm and 895mm width

Lift the wheels off the ground by help of the support legs (see chapter for setting up). Turn the locking pawls half a turn.

Push in the wheels until the locking pawl locks in the next notch for 1065 mm.

Push in the wheels until the locking pawl locks in the last notch for 895 mm.

THE LIFT IS IN TRAVELLING POSITION WHEN THE WHEELS ARE IN THE OUTER POSITION!

Removable basket

It is a good thing to remove the basket before moving the lift through narrow passages. Before removing the basket the plug at the side of the basket has to be unplugged and the axle has to be removed through the actuator that is placed at the side of the basket. After that the cotter bolt at the centre post in the basket has to be removed (lift the basket up while the cotter bolt is pulled out). Now the basket can be taken down.

BE CAREFUL: BASKET WEIGHS APPROX. 35 KG!

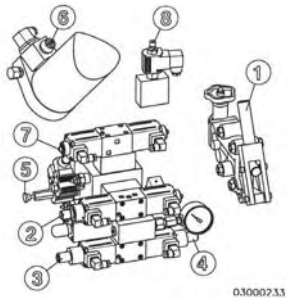
De-mounting of the support legs "foot"

The support legs "foot" can be turned by screwing out the thumb screw at the side of the support legs. Then the "foot" is to be lifted up from the support legs and can be turned by 180 degrees. The "foot" are secured by a wire to prevent them from being misplaced or getting lost.

THE LIFT MUST NEVER BE PLACED IF NOT ALL SUPPORT LEGS' BASE PLATES ARE POINTING DOWNWARDS AND THE THUMB SCREW IS MOUNTED!

EMERGENCY OPERATION, PROPORTIONAL CONTROL

In case of a failure in the electric system it is possible to bring down the basket by using the emergency lowering. As the operation of the emergency lowering is only possible from the control panel at the slewing boom it is important that a person capable of this job is present at all times the lift is at work.



Read and follow the instructions pasted on the hydraulic box.

EMERGENCY LOWERING PROCEDURE

IMPORTANT: In case of emergency lowering the boom and basket must always be completely retracted before the boom can be lowered. In order to operate the lift by hand the red painted tube section is fitted onto the hand pump (Pos.1) and operated as following.

A) Boom in and slewing:

   1) **Boom in:** thumb screw pos. 2 is turned clockwise, and handpump is operated.

2) **Slew right:** thumb screw pos. 3 + 5 is turned clockwise, and handpump is operated.

3) **Slew left:** thumb screw pos. 4 + 5 is turned clockwise, and handpump is operated.

IMPORTANT: After the emergency lowering the thumb screw of the valves is turned fully counter clockwise to its previous position.

B) Boom down:

4) Engage the twist knob marked “emergency lowering” on the electrical control box. Now the boom will start lowering.

(Remember: the boom must be completely retracted!)

5) In case current is cut off: Lower boom by first turning screw pos. 8 one 1/4 turn (optional direction) and afterwards simultaneously pushing-in the magnetic core on tiltcylinder valve pos. 6 and magnetic core on valve block pos. 7.

WARNING!: This procedure overrides all electrical safety devices.

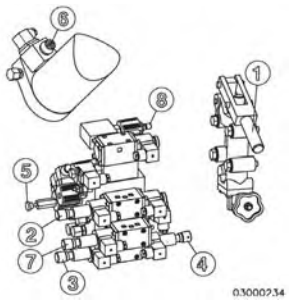
IMPORTANT: The boom must be completely retracted.

IMPORTANT: The basket will not level during this operation.

IMPORTANT: After the emergency lowering the thumb screw of the valves is to be set back to its previous position.

EMERGENCY OPERATION OF LIFT, ON/OFF CONTROL

In case of a possible failure of the electric system it is possible to bring down the basket by means of the emergency lowering. As the operation of the emergency lowering is only possible from the ground a person capable of this job must be present at all times the lift is in drift. Read and follow carefully the instructions pasted on the hydraulic box.



EMERGENCY LOWERING PROCEDURE

IMPORTANT: In case of emergency lowering the boom and basket must always be completely retracted before the boom can be lowered. In order to operate manually, The red painted tube section is fitted on to the hand pump (Pos.1) and operated as the following.

A) Boom in and slewing:

1) Boom in: thumb screw pos. 2 + 7 is turned clockwise, and handpump is operated.

2) Slew right: thumb screw pos. 3 + 5 + 7 is turned clockwise, and handpump is operated.

3) Slew left: thumb screw pos. 4 + 5 + 7 is turned clockwise, and handpump is operated.

IMPORTANT: After emergency lowering the thumb screw of the valves are turned fully counter clockwise to its previous position.

B) Boom down:

4) Engage the twist knob marked “emergency lowering” on the electrical control box. Now boom will start lowering.

(remember the boom must be completely retracted).

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1/4 turn (optional direction) and afterwards pushing-in magnetic core on tiltcylinder valve pos. 6.

WARNING!: This procedure overrides all electrical safety devices.

IMPORTANT: The Boom must be completely retracted.

IMPORTANT: The basket will not level during this operation.

IMPORTANT: After emergency lowering the thumb screw of the valves are turned to its previous position.

EMERGENCY OPERATION OF THE SUPPORT LEGS

In case of a failure of the electrical or hydraulic system it is still possible to prepare the lift for travel to the service workshop.

NEVER TRY TO LIFT THE SUPPORT LEGS BEFORE THE BOOM IS PLACED IN THE TRANSPORTATION POSITION!

With sufficient power for pulling the solenoid valves use the hand pump to bring up the support legs. If there is insufficient power call an experienced and trained person!

To prepare the boom for travelling:

1. Run the boom completely IN.
2. Turn into centre position. This is indicated by 2 yellow marks.
3. Lower the boom onto the boom support/rest.

Preparation for travelling: see chapter 4.0.

TROUBLESHOOTING

FAULT	CAUSE	REMEDY
Chassis inactive (no function at all)	Key in key switch removed or in pos. 0.	Set key to pos. 1.
	Emergency stop basket/chassis pushed in.	Release emergency stop.
	Main switch of hydraulic engine set on emergency stop.	Release emergency stop.
	Thermo sensor released.	Automatic re-connection after cooling time.
	Electrical/hydraulic fault.	Call an authorised service technician.
	Mains connection is not inserted.	Connect main cable.
Chassis inactive (engine not running).	Priority button on control panel not on pos. chassis.	Priority button in pos. chassis.
	Boom not in boom support/rest.	Place boom in boom support.
	Limit switch E11 not operating.	Adjust or replace limit switch.
Hydraulic support legs stop in work mode.	Timer disconnected	Reset, switch on pos. BASKET and back on CHASSIS.
No charging. (No indication on ammetre, yellow lamp turned off)	Connection defect.	Repair connection.
	Automatic fuse disconnecting.	Re-connection of automatic fuse.
	Thermo sensor released.	Wait – automatic re-connection after approx. 10-15 mm.
	Charging finished.	Green lamp on.
Charging unit switching off.	Automatic fuse activated.	Push down the automatic fuse.
Lift inactive.	Priority button 'BASKET/ CHASSIS/SUPPORT-LEGS" on the control panel on incorrect position.	Change the position of the priority button.
No further OUT/DOWN extension of the boom.	Load moment fuse has stopped further extension as stability limit is reached.	Reduce load in basket or move lift closer to working area.
No further OUT/DOWN extension of the boom.	Batteries are soon low/flat.	Charge the batteries.
	Boom is on support/rest.	Move the boom UP.
Acoustic alarm.	Error on limit switch ES or E6 at the load limit device.	Call an authorised serviceman.
No levelling of the basket.	Due to many small movements the horizontal position of the basket is not possible.	Push the emergency stop, actuate operation lever for boom UP/DOWN and keep it down while emergency stop is released.
	No sufficient current/power to work the horizontal device,	Check if batteries are charged and if fuse for horizontal device is o.k.
	Fault in horizontal device of the basket.	Call an authorised technician.
No basket rotation.	Fuse F10 at basket defect.	Replace fuse.

NOTES

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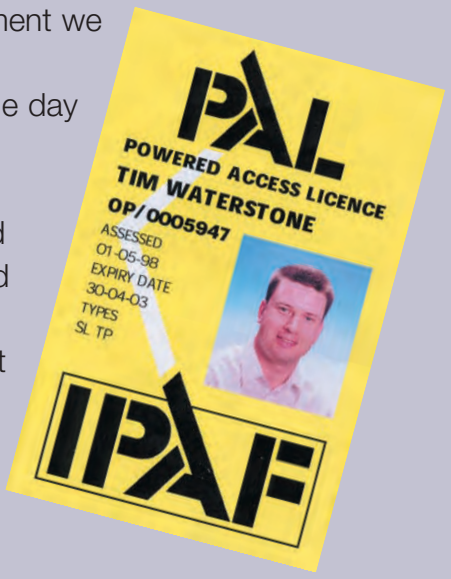
operator training centre

When hiring access equipment we strongly recommend taking advantage of one of our one day operator training courses



As Facelift is an accredited IPAF (Independent Powered Access Federation) training centre you can be sure that your staff will be trained to a high standard and receive an internationally recognised qualification.

Courses can take place on your own premises or at one of our training centres, situated in Hickstead, Iver, Southampton and Liverpool.

We can train your personnel on any of the following equipment:

(SL) Scissor Lift
(SPB) Self Propelled Boom
(VMP26) Truck/Van mounted to 26m
(VMP200) Truck mounted over 26m
(VPP) Vertical Personnel Platform
(TP) Trailer/Push around

The one day course* covers site safety, practical demonstration, sole usage and site risks and includes a theory test.

*(two day course for VMP200)

Successful candidates are issued with the IPAF PAL card, widely accepted by both the CITB and Health And Safety Executive.

For further information or to arrange a training course call us today on: 0800 0 72 55 72