

1. Ensure only trained competent persons operate and use the DESKSURFER and a Risk Assessment has been conducted for Work at Height.
2. Inspect the DESKSURFER before use and have a formal inspection conducted at regular intervals, depending on frequency of use; keep records of each inspection.
3. Do not use if DESKSURFER is damaged, incomplete or improperly assembled.
4. DESKSURFER must be vertical and used on level and firm floors. Should floors/ground be uneven, OPTION 5, Adjustable legs, must be specified and used. Level unit using the bullseye spirit level located on the base frame.
5. Ensure Stabilisers/Outriggers are correctly positioned i.e. V marks are aligned, castors are in contact with the floor and couplers are clamped tight, using firm thumb and finger pressure on the wing nuts.
6. Ensure all castor wheels are in contact with the floor; when DESKSURFER is positioned for use, apply the foot brakes on all 4 outboard (of the desk) castors. Apply all six castor brakes when the DESKSURFER is positioned for use away from desks.
7. Do not raise or lower the mast and platform with a person, or tools and materials, on board the DESKSURFER. Ensure mast latch hooks are engaged on a rung, or stub rungs, before use.
8. Never allow the DESKSURFER winch wire to become slack by over winding the handle in the DOWN direction.
9. Beware of strong wind conditions including the funnelling effect that can occur with open ended buildings etc. Do not use the DESKSURFER if wind speed is likely to exceed 7.7 metres per second, 17mph or Beaufort force 4 (Moderate breeze : dust and paper starts to lift and be blown about).
10. Attach the two safety bars once inside the DESKSURFER guard railed platform area.
11. Always keep your body within the DESKSURFER guard railed platform area. Reach out with arms and hands only. Do not stretch.
12. When moving the DESKSURFER, lower the mast and push or pull using manual effort from the base only and without a person or materials on the platform.
13. Beware of all obstructions, especially overhead; also unguarded electrical supply, power lines and cables.
14. Do not overload the DESKSURFER. The maximum Safe Working Load is 150kg (23.5 stone).
15. If in doubt about the safe use of the DESKSURFER, contact the supplier for advice.

#### MAINTENANCE RULES

1. Keep equipment clean and inspect before and after use for damage. Use serviceable equipment only.
2. All working parts e.g. castors, legs, mast latch and stabiliser clamps should be lubricated lightly with oil as necessary.
3. Repairs should only be carried out by the supplier or other competent person approved by the supplier.

#### SAFE WORKING LOADS

Maximum Safe Working Load: 150kg (23.5 stone).

#### EMERGENCY RESCUE

Should a person need rescuing the winch mechanism can be used for lowering the platform, with the person on-board, to the lowest platform height setting of the respective Desksurfer models designated as 42UM or FM, 49FM, 55FM and 60FM. (Model 35 is a low height unit without a winch).

NOTE: The above is a one off procedure and after the emergency rescue, the DESKSURFER must be quarantined (not be used) and returned for a thorough check. This check will include re-aligning the mast; changing the winch wire; inspecting and if necessary changing the winch; checking all fastenings and joints; servicing all moving parts; proof load testing and re-issue of new Certificate of Conformity; signed and dated Service/Inspection label certifying NO Defects. Should your DESKSURFER be used for an emergency rescue as related above, then contact the supplier to arrange collection for the above mentioned thorough check to be carried out.

#### WARNING

INJURY OR DEATH MAY RESULT FROM FAILURE TO COMPLY WITH THE DESKSURFER OPERATOR INSTRUCTIONS, SAFETY GUIDE, MAINTENANCE RULES AND SAFE WORKING LOAD

#### COMPLIANCE & CE MARKING

Ability International Limited: BS EN ISO 9001 :2008 Registered. Certificate No: 4011767  
safecontractor Accreditation. Certificate N0:BQ7332

#### MANUFACTURED BY

Ability International Limited. (details on front cover). We reserve the right to change and improve our specifications.

#### GUARANTEE PERIOD

3 years from date of delivery and subject to any fault that is genuinely attributable to us.

This page updated 2015



Complying (where applicable) with BS & CEN requirements, HSE Guidance Notes & Statutory Instruments, Name: BS EN 1004 & The Work at Height Regulations 2005.

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# OPERATORS INSTRUCTIONS

## DEKSURER (Height Adjustable Work Platform)

### Model 49FM (Folding Mast)



ENSURE ONLY TRAINED COMPETENT PERSONS OPERATE AND USE THE DESKSURFER AND A RISK ASSESSMENT HAS BEEN CONDUCTED FOR WORK AT HEIGHT.

#### FOLD DOWN MAST

#### RAISING MAST TO VERTICAL POSITION :-

##### INSTRUCTION 1.

Release lock bolts underside of mast.

##### INSTRUCTION 2.

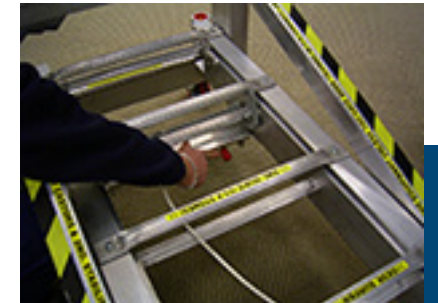
Lock foot operated castor brakes and raise mast.

##### INSTRUCTION 3.

When mast is upright keep hold of mast in upright position whilst engaging both lock bolts.

##### INSTRUCTION 4.

Remove mast locking pin (at the top of mast) before winding the winch handle.



#### FORWARD TO:- INSTRUCTION 5

(For the rest of operator instructions)

#### LOWERING MAST TO

#### HORIZONTAL POSITION :-

Start by locking foot operated castor brakes. Reverse the above instructions and remember before folding down the mast (a) remove platform (b) insert mast locking pin (at top of mast) (c) hold mast upright whilst releasing both lock bolts. Then lower the mast carefully to horizontal position and engage both lock both underside of the mast



#### DETACHABLE PLATFORM AND UPRIGHT MAST

##### INSTRUCTION 6.

Locate platform hooks onto rungs, or stub rungs or both, for obtaining the desired platform level.

Note: platform (diagonal) support brace may be above or below the platform, depending on design.

##### INSTRUCTION 7.

Locate guardrail on platform.

Note: Half the guardrail (height) may be permanently fixed to the platform, depending on design.





# DESKSURFER Folding Mast Version

## Height Adjstuable Work Plaftom Model 49 FM

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### INSTRUCTIONS 6.

Couple on the two stabilisers/outriggers.

Swing inboard for "stored" position.

Swing outboard for "in use" position.

### INSTRUCTION 7.

Ensure stabilisers/outriggers are correctly positioned for "in use" mode. See that chevrons are aligned and castor wheels are in contact with the floor.

Ensure the couplers are clamped tight, using firm thumb and finger pressure on the wing nuts.

### INSTRUCTION 8.

To raise mast insert handle (stored in base frame) into the winch box. Wind handle in UP direction and when at desired height. wind handle in DOWN direction and ensure the mast latch hooks are engaged on a rung or stub rungs.

**Note: never allow the winch wire to become slack by over winding the handle in the DOWN direction.**

To lower mast insert handle (stored in base frame) into the winch box. Wind handle in UP direction until mast latch hooks are clear of the rung. or stub rungs. approx .. 75 mm (3"). With one hand tip back the bar (linking the two latch hooks) & with other hand wind handle in DOWN direction. Ensure the hand holding the bar is clear when latch hooks pass a rung. Beware of injury from moving parts. Repeat tipping action between rungs. Release bar so mast latch hooks swing forward to engage on desired rung or stub rungs.

**Note: always see that latch hooks are engaged on a rung, or stub rungs, when the mast has been lowered and ensure the winch wire is not slack**



### INSTRUCTION 10.

BEFORE CLIMBING ENSURE:-

- 1) The Desksurfer is correctly positioned.
- 2) The platform is level.
- 3) The four (4) outboard castors are locked/braked.
- 4) The satabiliser/outriggers are correctly positioned and locked/braked.

### INSTRUCTION 10.

Once on the platform ensure the two (2) safety chains are hooked across the platform opening.

### INSTRUCTION 11.

Always keep your body within the guardrailed Deskurfer platform area. Reach out with arms and hands only. Do not stretch. Do not overload the DESKSURFER. The Maximum Safe Working Load is 150Kg (23.5 stone).

ALSO SEE SAFETY GUIDE, MAINTENANCE RULES SWL EMERGENCY RESCUE AND WARNING

### INSTRUCTION 12.

DESKSURFER MODEL 49FM Maximum platfonn height of 2.916m and reach height of 4.916m (16' 1½") when fitted with adjustable legs.

Before folding down the mast: one person holds mast at platform end whilst another person releases both lock bolts. Carefully lower mast by approx. 5° & allow the bolts to spring out in the engaged position. Continue lowering the mast until the lock bolts automatically engage behind the two abutments & the mast is at 45°. The platform can now be removed. Note: swing up hook lock on one of the platform hooks. before lifting off the platform. Use 2 persons far this task. To lower mast into the horizontal position: one person holds mast whilst another person releases the lock bolts. Carefully lower mast to horizontal position & engage lock bolts. To fold up the mast to vertical position: reverse above procedure.



## DESKURFER OPTIONS

### OPTION 1.

Fold down mast.

### OPTION 2.

Seat/Tool tray.

### OPTION 3.

Ribbed rubber (insulating) platform mat.

### OPTION 4.

PVC insulation on top handrail horizontal tubes.

### OPTION 5.

Adjustable legs wrth 150mm of adjustment.

NOTE: Adjustable legs Included 4no. (AL370) legs & 4no. (C125N) locking castor in lieu of the normal (C125E) expanding spigot castors.



Option 1



Option 2,3 & 4



Option 5