

# **Operator Manual**

English language version.

Manual part number 504165-003-EN.

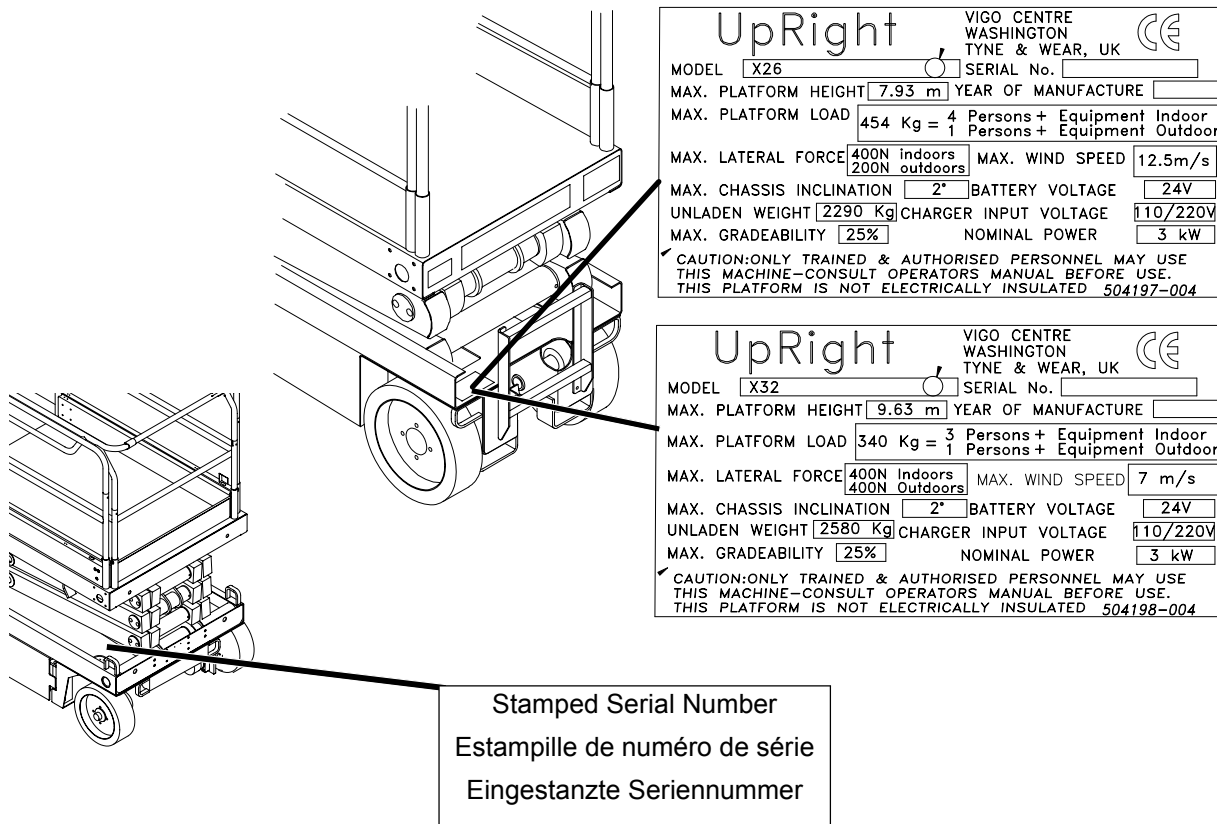


# X 26-32

## Serial Numbers 53100– Current

### ENGLISH

When contacting **Upright** for service or parts information, be sure to include the MODEL and SERIAL NUMBERS from the equipment nameplate. Should the nameplate be missing, the SERIAL NUMBER is also stamped on top of the chassis above the front axle pivot.



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# OPERATION MANUAL

## WARNING

All personnel shall carefully read, understand and follow all safety rules and operating instructions before operating or performing maintenance on any UpRight aerial work platform.

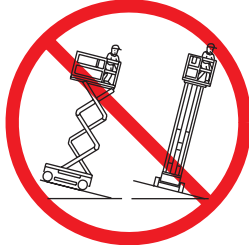
## Safety Rules

### Electrocution Hazard



**THIS MACHINE IS NOT INSULATED!**

### Tip Over Hazard



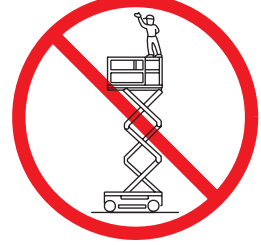
**NEVER** elevate the platform or drive the machine while elevated unless the machine is on a firm, level surface.

### Collision Hazard



**NEVER** position the platform without first checking for overhead obstructions or other hazards.

### Fall Hazard



**NEVER** climb, stand, or sit on platform guardrails or midrail.

**USE OF THE AERIAL WORK PLATFORM:** This aerial work platform is intended to lift persons and his tools as well as the material used for the job. It is designed for repair and assembly jobs and assignments at overhead workplaces (ceilings, cranes, roof structures, buildings etc.). All other uses of the aerial work platform are prohibited!

**THIS AERIAL WORK PLATFORM IS NOT INSULATED!** For this reason it is imperative to keep a safe distance from live parts of electrical equipment!

Exceeding the specified permissible maximum load **is prohibited!** See “Special Limitations” on page 4 for details.

The use and operation of the aerial work platform as a lifting tool or a crane (lifting of loads from below upwards or from up high on down) **is prohibited!**

**NEVER** exceed the manual force allowed for this machine. See “Special Limitations” on page 4 for details.

**DISTRIBUTE** all platform loads evenly on the platform.

**NEVER** operate the machine without first surveying the work area for surface hazards such as holes, drop-offs, bumps, curbs, or debris; and avoiding them.

**OPERATE** machine only on surfaces capable of supporting wheel loads.

**NEVER** operate the machine when wind speeds exceed this machine’s wind rating. See “Beaufort Scale” on page 4 for details.

**IN CASE OF EMERGENCY** push EMERGENCY STOP switch to deactivate all powered functions.

**IF ALARM SOUNDS** while platform is elevated, STOP, carefully lower platform. Move machine to a firm, level surface.

Climbing up the railing of the platform, standing on or stepping from the platform onto buildings, steel or prefab concrete structures, etc., **is prohibited!**

Dismantling the swing gate or other railing components **is prohibited!** Always make certain that the swing gate is closed and securely locked!

**It is prohibited** to keep the swing gate in an open position (held open with tie-straps) when the platform is raised!

To extend the height or the range by placing of ladders, scaffolds or similar devices on the platform **is prohibited!**

**NEVER** perform service on machine while platform is elevated without blocking elevating assembly.

**INSPECT** the machine thoroughly for cracked welds, loose or missing hardware, hydraulic leaks, loose wire connections, and damaged cables or hoses before using.

**VERIFY** that all labels are in place and legible before using.

**NEVER** use a machine that is damaged, not functioning properly, or has damaged or missing labels.

To bypass any safety equipment **is prohibited** and presents a danger for the persons on the aerial work platform and in its working range.

**NEVER** charge batteries near sparks or open flame. Charging batteries emit explosive hydrogen gas.

Modifications to the aerial work platform **are prohibited** or permissible only at the approval by UpRight.

**AFTER USE**, secure the work platform from unauthorized use by turning both keyswitches off and removing key.

The driving of MEWPs on the public highways is subject to regulations made under the Road Traffic Acts.

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# INTRODUCTION

This manual covers operation of the X 26-32 Self-Propelled Work Platforms.

This manual must be stored on the machine at all times.

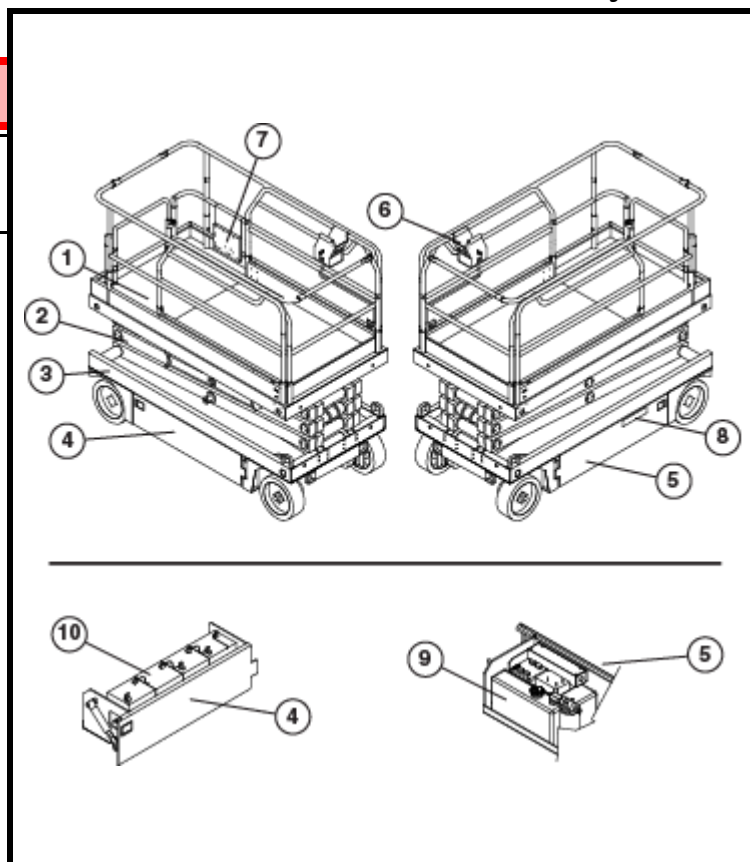
## GENERAL DESCRIPTION

Figure 1: X 26-32

### ⚠ WARNING ⚠

**DO NOT** use the maintenance platform without guardrails properly assembled and in place

1. Platform
2. Elevating Assembly
3. Chassis
4. Power Module
5. Control Module
6. Platform Controls
7. Manual Case
8. Chassis Controls
9. Hydraulic Fluid Reservoir
10. Batteries



## SPECIAL LIMITATIONS

Travel with the platform raised is limited to creep speed range.

Elevating the Work Platform is limited to firm, level surfaces only.

### **DANGER**

*The elevating function shall ONLY be used when the work platform is level and on a firm surface.*

*The work platform is NOT intended to be driven over uneven, rough, or soft terrain.*

## PLATFORM CAPACITY

The maximum capacity for the MACHINE, including occupants is determined by model and options, and is listed in "Decals" on page 18.

### **DANGER**

*DO NOT exceed the maximum platform capacity or the platform occupancy limits for this machine.*

## MANUAL FORCE

Manual force is the force applied by the occupants to objects such as walls or other structures outside the work platform.

The maximum allowable manual force is limited to 200 N (45 lbs.) of force per occupant, with a maximum of 400 N (90 lbs.) for two or more occupants.

### **DANGER**

*DO NOT exceed the maximum amount of manual force for this machine.*

## BEAUFORT SCALE

Never operate the X32 machine when wind speeds exceed 7m/s [Beaufort scale 4].

Never operate the X26 machine when wind speeds exceed 12.5m/s [Beaufort scale 6].

BEAUFORT RATING	WIND SPEED				GROUND CONDITIONS
	m/s	km/h	ft/s	mph	
3	3,4~5,4	12,25~19,4	11.5~17.75	7.5~12.0	Papers and thin branches move, flags wave.
4	5,4~8,0	19,4~28,8	17.75~26.25	12.0~18	Dust is raised, paper whirls up, and small branches sway.
5	8,0~10,8	28,8~38,9	26.25~35.5	18~24.25	Shrubs with leaves start swaying. Wave crests are apparent in ponds or swamps.
6	10,8~13,9	38,9~50,0	35.5~45.5	24.5~31	Tree branches move. Power lines whistle. It is difficult to open an umbrella.
7	13,9~17,2	50,0~61,9	45.5~56.5	31.~38.5	Whole trees sway. It is difficult to walk against the wind.

## LIFT OVERLOAD ALARM

If a load equivalent to 90% of safe working load is lifted a fault code "03" will be displayed on the digital display on the platform control box. If a load which is greater than the safe working load is present in the basket all machine functions will cease to operate and an acoustic warning will sound. In order to return to normal operation a load equal to or less than the safe working load must be present in the basket and the power must be re-cycled, power can be re-cycled by pushing the emergency stop button and releasing it again.

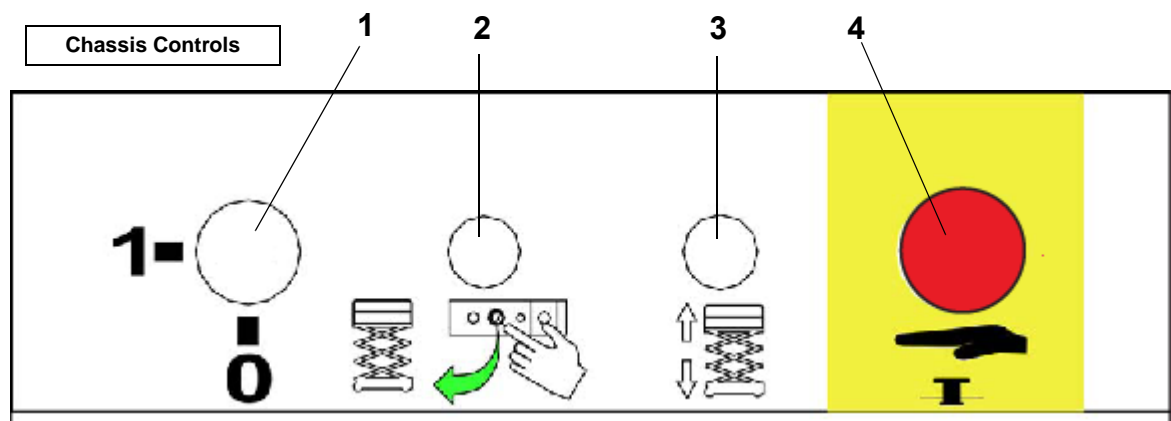
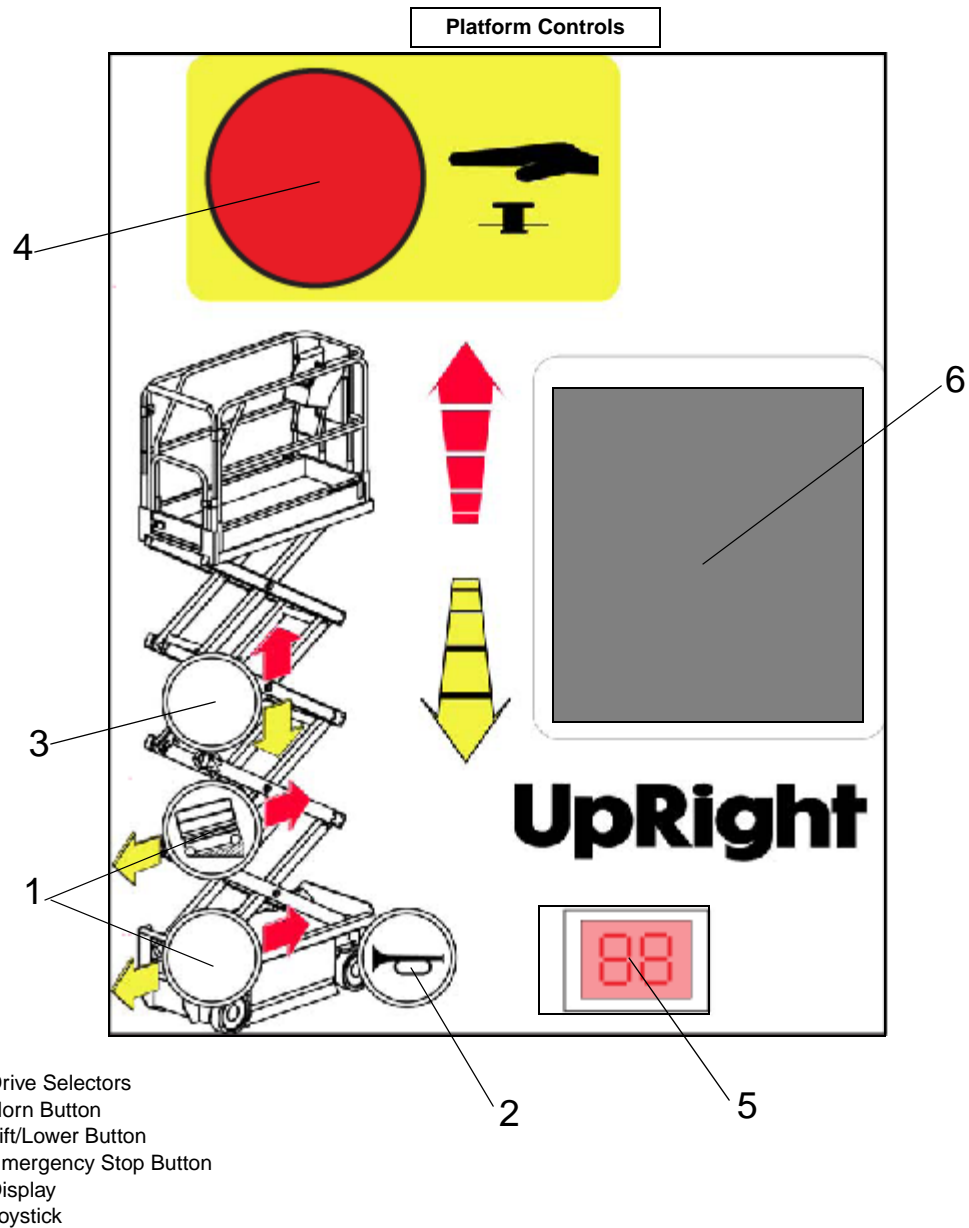
### **DANGER**

*Never operate the machine with a platform load greater than the rated capacity.*



# CONTROLS AND INDICATORS

Figure 2: Controls and Indicators

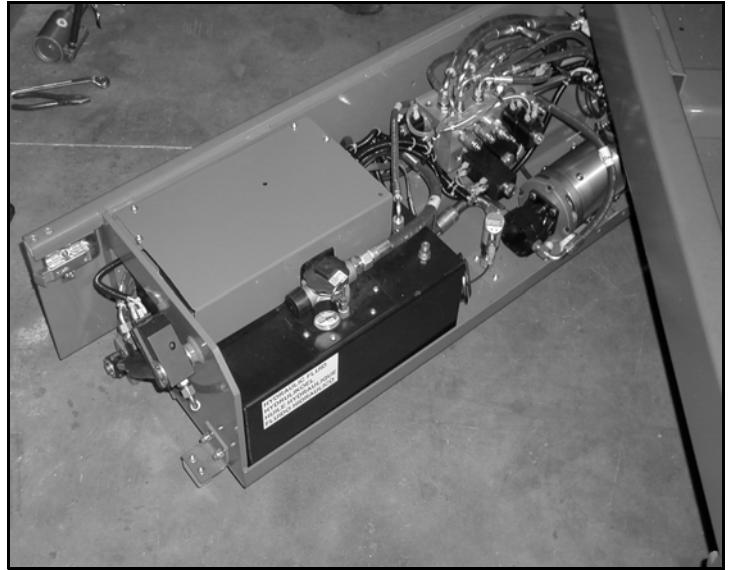


## PRE-OPERATION SAFETY INSPECTION

**NOTE:** Carefully read, understand and follow all safety rules, operating instructions, labels and National Safety Instructions/Requirements. Perform the following steps each day before use.

1. Open modules and inspect for damage, fluid leaks or missing parts.
2. Check the level of the hydraulic fluid with the platform fully lowered. The hydraulic reservoir is located in the Control Module Door. The fluid level must be between the MIN and MAX lines. Add hydraulic fluid if necessary.
3. Check that fluid level in the batteries is correct.
4. Verify that batteries are charged.
5. Check that A.C. extension cord has been disconnected from the plug in the rear of the machine.
6. Check that all guardrails are in place and all fasteners are properly tightened.
7. Inspect the machine thoroughly for cracked welds and structural damage, loose or missing hardware, hydraulic leaks, damaged control cable, loose wire connections and wheel bolts.

**Figure 3:** Hydraulic Tank



# SYSTEM FUNCTION INSPECTION

Refer to Figure 2 for the locations of various controls and indicators.

## ⚠ WARNING ⚠

**STAND CLEAR** of the work platform while performing the following checks.

*Before operating the work platform, survey the work area for surface hazards such as holes, drop-offs, bumps and debris.*

*Check in **ALL** directions, including above the work platform, for obstructions and electrical conductors.*

*Protect the control console cable from possible damage while performing checks.*

1. Move the machine, if necessary, to an unobstructed area to allow for full elevation.
2. Pull Chassis Emergency Stop Switch to the ON position.
3. Pull Platform Emergency Stop Switch to the ON position.
4. Turn and hold the Chassis Key Switch to the ON position. Push the Chassis Lift/Lower Switch to the UP position and raise the platform approximately 2,1 m (7 feet). **BLOCK THE ELEVATING ASSEMBLY AS DESCRIBED ON PAGE 9.**
5. Visually inspect the elevating assembly, lift cylinder, cables, and hoses for cracked welds and structural damage, loose hardware, hydraulic leaks, loose wire connections, and erratic operation. Check for missing or loose parts.
6. Verify that the Depression Mechanism Supports have rotated into position under the machine. **REMOVE THE SCISSOR BRACE AS DESCRIBED ON page 13.**
7. Push the Chassis Lift/Lower Switch to the UP position and fully elevate the platform.
8. Partially lower the platform by pushing Chassis Lift/Lower Switch to LOWER, and check for proper operation of the audible lowering alarm.
9. Open the Emergency Lowering Valve (see Figure 5) by pulling the knob out to check for proper operation. When the platform is lowered, release the knob.
10. Push the Chassis Emergency Stop Switch to check for proper operation. All machine functions should be disabled. Pull out the Chassis Emergency Stop Switch to resume.
11. Check that the route is clear of obstacles (persons, obstructions, holes, and drop-offs, bumps and debris), is level, and is capable of supporting the wheel loads.
12. Mount the platform and properly close the entrance.
13. Mount the platform and select DRIVE mode.

**NOTE:** Use both HI and LOW drive (if applicable) when performing the following step.

14. While engaging the Interlock Switch, move the Control Handle to FORWARD, then REVERSE, to check for speed control.
15. Push the Steering Switch RIGHT, then LEFT, to check for steering control.
16. Select LIFT mode. Grasp the Control Handle, engaging the Interlock Switch, and push it forward to check platform lift controls. Raise the platform to full elevation.
17. Pull back on the Control Handle. The platform should descend and the audible lowering alarm should sound.
18. Push the Platform Emergency Stop Switch to check for proper operation. All machine functions should be disabled. Pull out the Platform Emergency Stop Switch to resume.

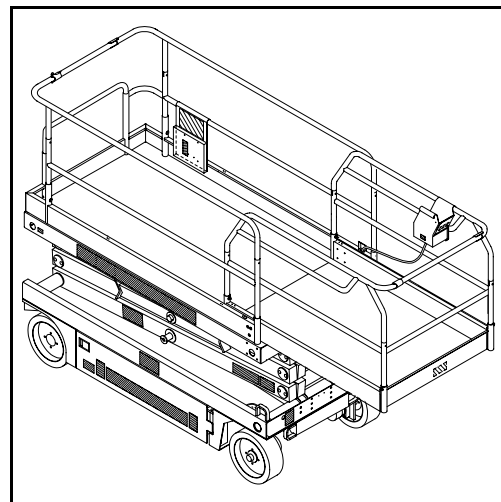
## OPERATION

Before operating the work platform, ensure that the Pre-Operation Safety Inspection has been completed and that any deficiencies have been corrected. **Never operate a damaged or malfunctioning machine.** The operator must be thoroughly trained on this machine.

### PLATFORM EXTENSION

1. Mount the platform and properly close the entrance.
2. Depress the foot lever located at the rear of the platform extension. Push the platform extension forward until the pin engages the front stop.
3. To retract the platform extension, depress the foot lever and pull the platform extension toward the rear of the machine until the pin engages the rear stop.

Figure 4: Platform Extension



### TRAVEL WITH THE PLATFORM LOWERED

1. Check that the route is clear of obstacles (persons, obstructions, holes, drop-offs, bumps, and debris), is level, and is capable of supporting the wheel loads.
2. Verify that the Chassis Key Switch is turned to ON and the Chassis Emergency Stop Switch is ON (pulled out).
3. Mount the platform and properly close the entrance.
4. Check clearances above, below, and to the sides of platform.
5. Pull the Platform Emergency Stop Switch out to the ON position.
6. Select DRIVE mode.

**NOTE:** Choose between standard drive and extra torque depending on the gradient.

7. Engage the Interlock Switch and move the Control Handle to FORWARD or REVERSE to travel in the desired direction. The speed of the machine will vary depending on how far from centre the Control Handle is moved.

### STEERING

1. Turn the Drive/Lift Switch to DRIVE.
2. While engaging the Interlock Switch, push the Steering Switch to RIGHT or LEFT to turn the wheels in the desired direction. Observe the tires while manoeuvring the work platform to ensure proper direction.

**NOTE:** Steering is not self-centring. Wheels must be returned to the straight ahead position by operating the Steering Switch.

### ELEVATING THE PLATFORM

1. Select a firm, level surface.
2. Select LIFT mode.
3. While engaging the Interlock Switch, push the Control Handle forward.
4. If the machine is not level the tilt alarm will sound and the machine will not lift or drive. **If the tilt alarm sounds the platform must be lowered and the machine moved to a firm level surface before attempting to re-elevate the platform.**

**NOTE:** Depression Mechanism supports will deploy automatically as the platform elevates and will retract after the platform has been lowered completely and has been driven.

## TRAVEL WITH THE PLATFORM ELEVATED

**NOTE:** The machine will travel at reduced speed when the platform is elevated.

1. Check that the route is clear of obstacles (persons, obstructions, holes, drop-offs, bumps, and debris), is level, and is capable of supporting the wheel loads.
2. Check clearances above, below, and to the sides of platform.
3. Select DRIVE mode.
4. Engage the Interlock Switch and move the Control Handle to FORWARD or REVERSE to travel in the desired direction. The speed of the machine will vary depending on how far from centre the Control Handle is moved.
5. If the machine is not level the tilt alarm will sound and the machine will not lift or drive. **If the tilt alarm sounds the platform must be lowered and the machine moved to a firm, level surface before attempting to re-elevate the platform.**

## LOWERING THE PLATFORM

1. Select LIFT mode.
2. Check around the base of the platform to ensure that no one is in contact with the machine. Engage the Interlock Switch and pull back on the Control Handle to lower the platform.
3. The platform will stop when it reaches the PPE cutout height. Inspect around the machine to ensure no one is in contact with the machine. After a four-second time delay, lower the platform as in step 2.

## EMERGENCY LOWERING

### ⚠ WARNING ⚠

*If the platform should fail to lower, NEVER climb down the elevating assembly.*

*Stand clear of the elevating assembly while operating the Emergency Lowering Valve Knob.*

### X26

The Emergency Lowering Valve for the X26 is located at the rear of the machine, above the charger.

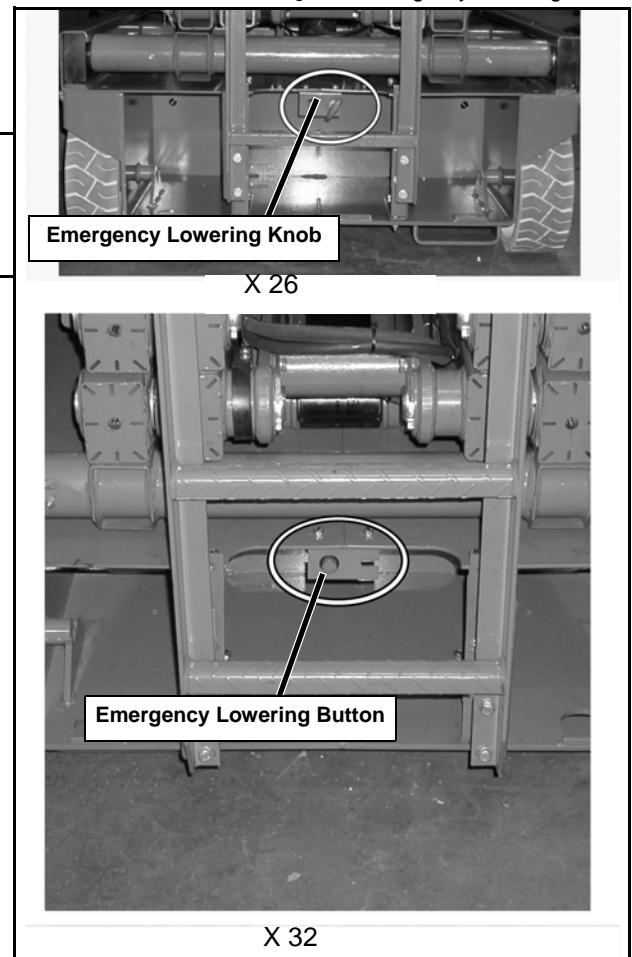
1. Open the Emergency Lowering Valve by pulling and holding the knob.
2. To close, release the knob. The platform will not elevate if the Emergency Lowering Valve is open.

### X32

The emergency lowering control switch is located at the rear of the machine.

1. Open the emergency lowering valve by pushing down on the toggle switch and holding it.
2. Once the platform is fully lowered, release the toggle switch to close the valve. The platform will not elevate if the Emergency Lowering Valve is open.

Figure 5: Emergency Lowering Valve



## LOWER THE GUARDRAILS, X26

This procedure applies only to the X26 model for the purpose of passing through a standard double doorway. **Guardrails must be returned to proper position before using the machine.**

### LOWERING PROCEDURE

1. Ensure that the slide-out deck extension is fully retracted and the deck pin is locked. Place the Platform Controls on the floor of the platform.
2. Remove and retain the set screws from the side guardrails and the slide-out deck guardrails.
3. Lower the slide-out deck guardrail completely.
4. Lower the rear guardrail until it rests on the stop screws.
5. Lower the side guardrails completely.
6. Raise the rear guardrail until the retaining pins engage. Remove and retain the stop screws and nuts from the rear guardrail.
7. Pull the two retaining pins and lower the rear guardrail completely.

### RAISING PROCEDURE

1. Raise the rear guardrail until the retaining pins engage.
2. Install the stop screws and nuts on the rear guardrail and torque to 42 N-m (31 ft. lbs).
3. Pull the two retaining pins and lower the rear guardrail until it rests on the stop screws.
4. Raise the side guardrails until the tops are level with the rear guardrail.
  - Install the set screws
5. Raise the slide-out deck guardrail until the top is level with the side guardrails.
  - Install the set screws
6. Hang the controller on the slide-out deck guardrail.
7. Torque all set screws to 42 N-m (31 ft. lbs).

## ! WARNING !

*Before operating machine, guardrails must be securely fastened in their proper position.*

## FOLD DOWN GUARDRAILS, X32

This procedure applies only to the X32 model for the purpose of passing through a standard double doorway. **Guardrails must be returned to proper position before using the machine.**

### FOLD DOWN PROCEDURE

1. Unhook the controller from the side guardrail and place it on the floor of the platform.
2. Pull the retaining pin on the front guardrail and rotate inwards.
3. Pull the retaining pin on the rear guardrail and rotate inwards.
4. Starting with the slide-out deck guardrails and then the outer guardrails, lift up on each guardrail and fold inward.

### ERECTION PROCEDURE

1. Starting with the outer guardrails and then the slide-out deck guardrails, raise each guardrail and drop it down, securing it in the vertical position.
2. Rotate the front and rear upper guardrails outward and secure them to the opposite side guardrails, using the retaining pins.
3. Hang the controller on the side guardrail.

## TOWING OR WINCHING

Perform the following only when the machine will not operate under its own power and it is necessary to move the machine or when winching onto a transport vehicle (see "Transporting the Work Platform" on page 11).

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### CAUTION

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*DO NOT tow or winch the machine faster than 0,3 m/s (1 ft./s). Faster speeds will damage drive components and void the warranty.*

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### ! WARNING !

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*Never tow faster than 0,3 m/sec. (1 ft./sec.).*

*Never operate the work platform with the parking brakes released. Serious injury or damage could result.*

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## AFTER USE EACH DAY

1. Ensure that the platform is fully lowered.
2. Park the machine on a firm level surface, preferably under cover, secure against vandals, children and unauthorized operation.
3. Turn the Chassis Key Switch to OFF and remove the key to prevent unauthorized operation.

## HOOR METER

To access the hour meter function perform the following steps.

1. Climb into the basket (with the machine powered up)
2. Push the platform emergency stop button.
3. Hold down the following buttons, Jib and Upper Boom Lift.
4. While holding the buttons twist the emergency stop button to return power to the machine.
5. "hr" will now be displayed on the read-out, Pressing the right turn button will scroll through the accumulated hours two digits at a time. For example, if pressing the right turn button once displays "20", pressing it a 2nd time displays "58", and pressing it a 3rd time displays "hr", the elapsed time of operation is 2058 hours.

## TRANSPORTING THE WORK PLATFORM

### PREPARATION FOR SHIPMENT

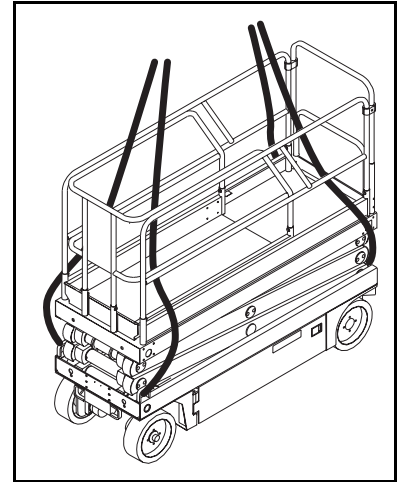
1. Fully lower the platform.
2. Disconnect the battery negative (-) lead from the battery terminal.
3. Band the controller to the front guardrail.
4. Band the elevating linkage to the frame.



Figure 6: Secure Crane Straps

## LIFTING BY CRANE

1. Secure straps to chassis tie down/lifting lugs only.
2. Place the platform onto the transport vehicle in transport position.
3. Chock the wheels.
4. Secure the work platform to the transport vehicle with chains or straps of adequate load capacity attached to the chassis tie down/lifting lugs.



## BY FORKLIFT



*Forklifting is for transport only.*

*See specifications for weight of work platform and be certain that forklift is of adequate capacity to lift the work platform.*

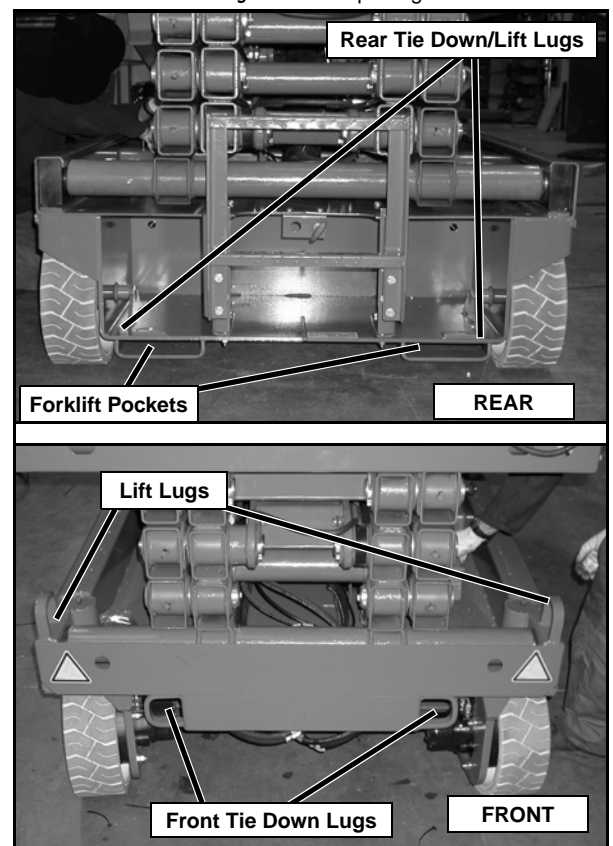
Forklift from the rear of the machine using the forklift pockets provided. If necessary, the machine may be forklifted from the side by lifting under the Chassis Modules.

Figure 7: Transporting the Work Platform

## DRIVING OR WINCHING ONTO A TRUCK OR TRAILER

**NOTE:** Do not winch faster than 0,3 m/s (1 ft/s).

1. Move the machine onto the truck or trailer;
  - A. To **Drive** the machine onto the transport vehicle:
    - a. Move the work platform up the ramp and into transport position.
    - b. Set the wheels straight and turn off the machine.
    - c. Chock the wheels.
  - B. To **Winch** the machine onto the transport vehicle:
    - a. Move the work platform up to the ramp.
    - b. Attach the winch cable to the tie down/lifting lugs.
    - c. Release the parking brakes (refer to "Towing or Winching" on page 11).
    - d. Winch the platform into transport position
    - e. Chock the wheels.
2. Secure the work platform to the transport vehicle with chains or straps of adequate load capacity attached to the chassis tie down/lifting lugs.



## CAUTION

*Over tightening of the chains or straps attached to the Tie Down/Lifting Lugs may result in damage to work platform.*



# MAINTENANCE

## ⚠ WARNING ⚠

*Never perform service while the platform is elevated without first blocking the elevating assembly.  
DO NOT stand in the elevating assembly area while deploying or storing the brace.*

## BLOCKING THE ELEVATING ASSEMBLY

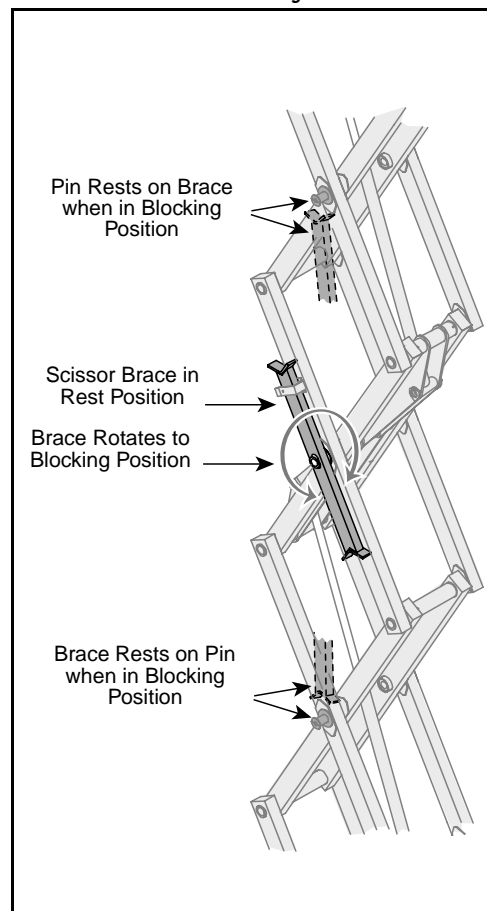
### SCISSOR BRACE INSTALLATION

1. Park the work platform on a firm, level surface.
2. Pull Chassis EMERGENCY STOP Switch to the ON position.
3. Pull Platform EMERGENCY STOP Switch to the ON position.
4. Turn and hold the Chassis Key Switch to CHASSIS.
5. Push the Chassis Lift/Lower Switch to LIFT to elevate the platform until the Scissor Brace can be rotated to the vertical position.
6. X26 – From the rear of the machine, lift the Scissor Brace from its stowed position. Rotate upward and outward, then down until it is hanging vertically below its attachment point.
7. X32 – From the left side of the machine, pull the locking pin securing the brace. Rotate the Scissor Brace counter clockwise until it is in the vertical position.
8. Lower the platform by pushing the Chassis Lift/Lower Switch to LOWER and gradually lower the platform until the Scissor Brace is supporting the platform.

### SCISSOR BRACE STOWAGE

1. Using the Chassis Controls, gradually elevate the platform until the Scissor Brace is clear.
2. X26 – Rotate the Scissor Brace outward and upward over its mounting point until it rests in the stowed position.
3. X32 – Rotate the Scissor Brace clockwise until the locking pin engages.
4. Lower the platform by pushing the Chassis Lift/Lower Switch to LOWER to completely lower the platform.

Figure 8: Scissor Brace



## BATTERY MAINTENANCE

### ⚠ WARNING ⚠

*Hazard of explosive gas mixture. Keep sparks, flame, and smoking material away from batteries.*

*Always wear safety glasses when working near batteries.*

*Battery fluid is highly corrosive. Thoroughly rinse away any spilled fluid with clean water.*

*Always replace batteries with **UpRight** batteries or manufacturer approved replacements weighing 26,3 kg (58 lbs.) each.*

- Check the battery fluid level daily, especially if the work platform is being used in a warm, dry climate.
- If electrolyte level is lower than 10 mm ( $\frac{3}{8}$  in.) above the plates add distilled water only. DO NOT use tap water with high mineral content, as it will shorten battery life.
- Keep the terminals and tops of the batteries clean.
- Refer to the Service Manual to extend battery life and for complete service instructions.

## BATTERY CHARGING

Charge the batteries at the end of each work shift or sooner if the batteries have been discharged.

### ⚠ WARNING ⚠

*Charge the batteries in a well ventilated area.*

*Do not charge the batteries when the work platform is near a source of sparks or flames.*

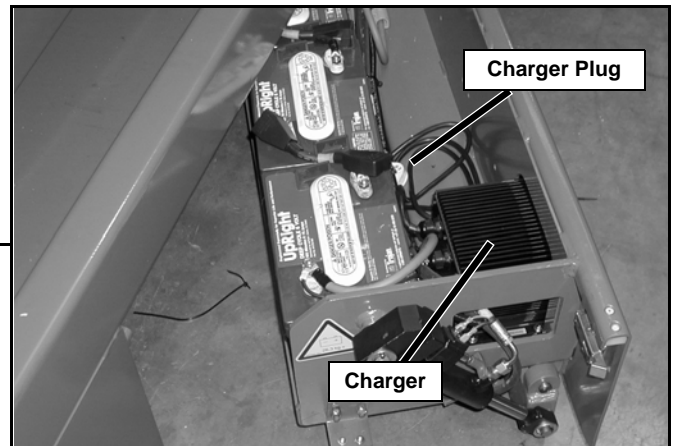
*Permanent damage to the batteries will result if the batteries are not immediately recharged after discharging.*

*Never leave the battery charger operating for more than two days.*

*Never disconnect the cables from the batteries when the charger is operating.*

*Keep the charger dry.*

Figure 9: Battery Charger



1. Check the battery fluid level. If the battery fluid level is lower than 10 mm ( $\frac{3}{8}$  in.) above the plates add distilled water only.
2. Connect an appropriate extension cord to charger outlet plug in Left Module Door. Plug the extension cord into a properly grounded outlet of proper voltage and frequency.
3. The charger turns on automatically after a short delay. The LED charge indicator will illuminate. After completion of the charge cycle the LED will blink, indicating that the charger is in a continuing maintenance mode. DO NOT leave the charger plugged in for more than 48 hours, as permanent damage to the batteries may occur.

**NOTE:** The battery charger circuit must be used with a GFI (Ground Fault Interrupt) outlet.

**NOTE:** DO NOT operate the machine while the charger is plugged in.

# INSPECTION AND MAINTENANCE SCHEDULE

The Complete Inspection consists of periodic visual and operational checks, along with periodic minor adjustments that assure proper performance. Daily inspection will prevent abnormal wear and prolong the life of all systems. The inspection and maintenance schedule should be performed at the specified intervals. Inspection and maintenance shall be performed by personnel who are trained and familiar with mechanical and electrical procedures.

## ! WARNING !

*Before performing preventative maintenance, familiarize yourself with the operation of the machine.*

*Always block the elevating assembly whenever it is necessary to perform maintenance while the platform is elevated.*

The daily preventative maintenance checklist has been designed for machine service and maintenance. Please photocopy this page and use the checklist when inspecting the machine.

## DAILY PREVENTATIVE MAINTENANCE CHECKLIST

### MAINTENANCE TABLE KEY

**Y** = Yes/Acceptable

**N** = No/Not Acceptable

**R** = Repaired/Acceptable

### PREVENTATIVE MAINTENANCE REPORT

Date: \_\_\_\_\_

Owner: \_\_\_\_\_

Model No: \_\_\_\_\_

Serial No: \_\_\_\_\_

Serviced By: \_\_\_\_\_

COMPONENT	INSPECTION OR SERVICES	Y	N	R
Battery	Check electrolyte level.			
	Check battery cable condition.			
Chassis	Check hoses for pinch or rubbing points.			
	Check welds for cracks.			
Control Cable	Check the exterior of the cable for pinching, binding or wear.			
Controller	Check switch operation.			
Drive Motors	Check for operation and leaks.			
Elevating Assembly	Inspect for structural cracks.			
Emergency Lowering System	Operate the emergency lowering valve and check for serviceability.			
Entire Unit	Check for and repair collision damage.			

COMPONENT	INSPECTION OR SERVICES	Y	N	R
Hydraulic Fluid	Check fluid level.			
Hydraulic Pump	Check for hose fitting leaks.			
Hydraulic System	Check for leaks.			
Labels	Check for peeling, missing, or unreadable labels & replace.			
Platform Deck and Rails	Check welds for cracks.			
Platform Deck and Rails	Check condition of deck.			
Tyres and Wheels	Check for damage.			

**NOTES:**

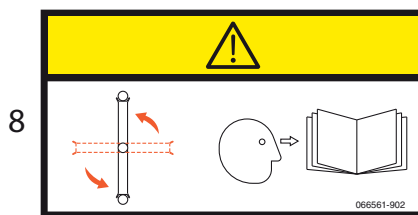
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# DECALS

These labels shall be present and in good condition before operating the work platform. Be sure to read, understand and follow these labels when operating the work platform.



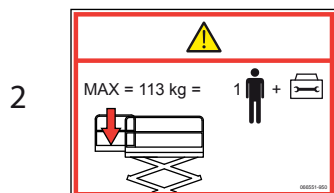
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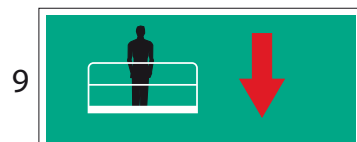
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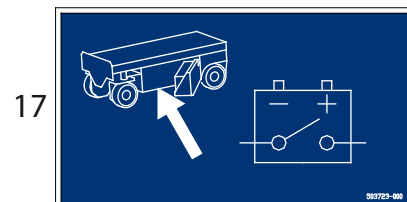
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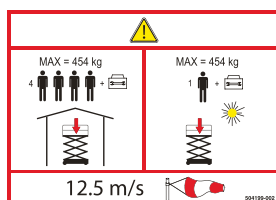
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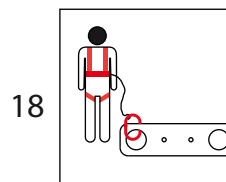
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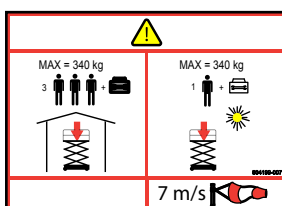
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100076-901 Qty. 1



068635-001



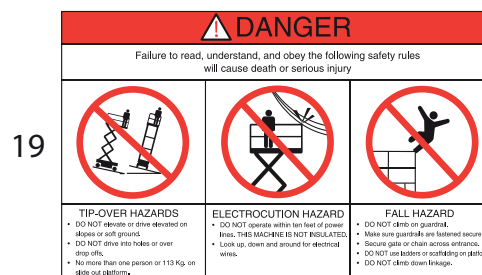
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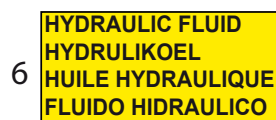
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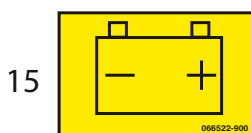
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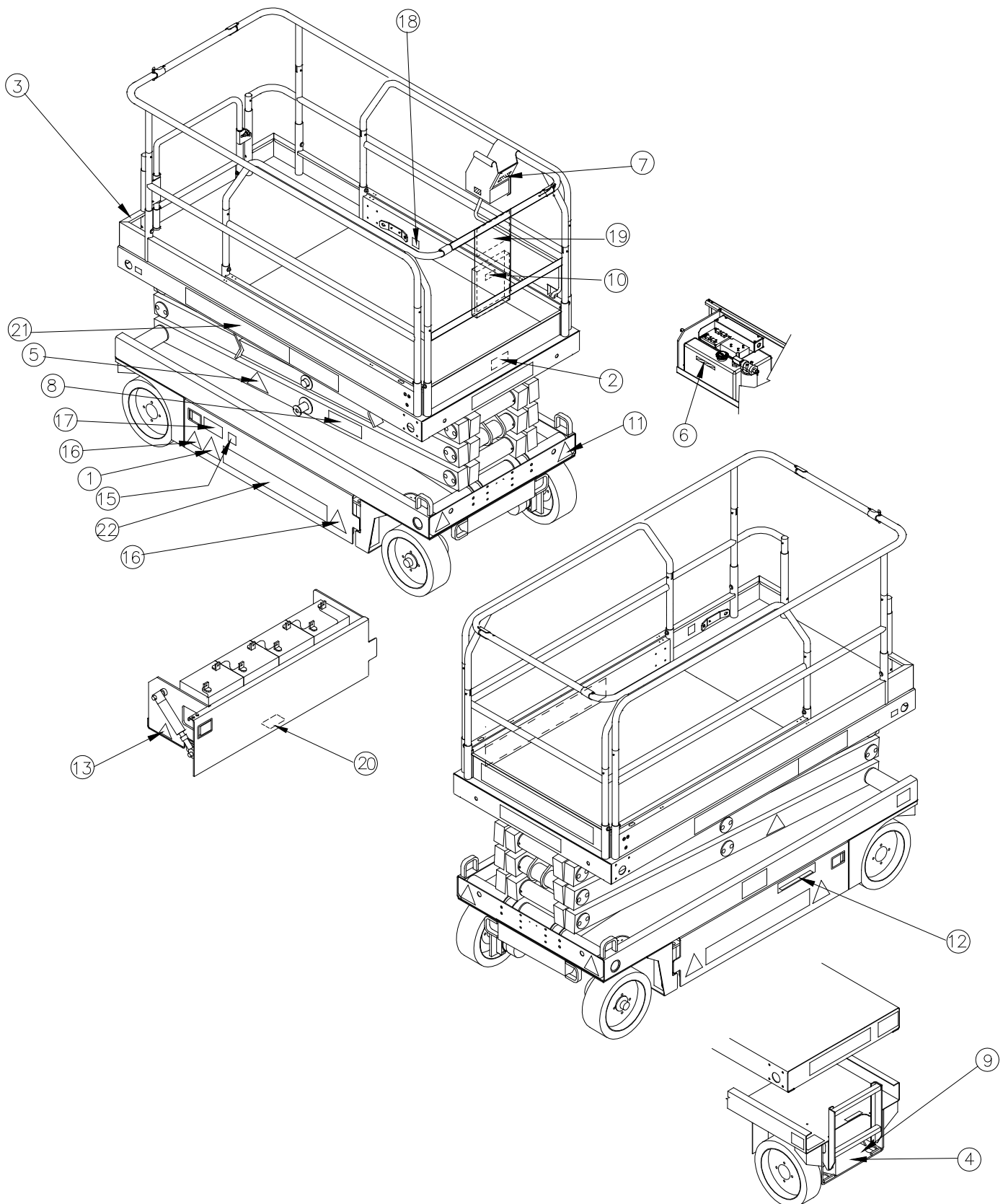
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066522-900



508661-000

**DECALS**

# SPECIFICATIONS

ITEM	X26	X32
<b>Platform Size w/ Extension</b>	1,17 m x 2,21 m [44,25 pulg. x 87 pulg.]	1.17 m x 2.21 m [44 in. x 87 in.]
<b>Max. Platform Capacity</b>		
Standard	454 kg [1000 lb]	340 kg [750 lbs.]
on Extension	113 kg [250 lb]	113 kg [250 lbs.]
<b>Max. No. of occupants</b>		
Standard (total)	4 personas 2 personas en el exterior	3 people
on Extension	1 persona	1 person
<b>MAX. Wind speed</b>	12.5m/s	7 m/s
<b>MAX. LATERAL FORCE</b>	200N(Outdoors) & 400N (Indoors)	200N(Outdoors) & 400N (Indoors)
<b>Height</b>		
Working Height	9,93 m [32,58 pies]	11.6 m [38.1 ft.]
Max. Platform Height	7,93 m [26 pies]	9.75 m [32 ft.]
Min. Platform Height	1,09 m [43 pulg.]	1.22 m [48 in.]
<b>Dimensions</b>		
Weight	2153 kg [4747 lb]	2486 kg [5481 lbs.]
Overall Width	1,22 m [48 pulg.]	1.22 m [48 in.]
Overall Height	2,19 m [83,5 pulg.]	2.32 m [88.5 in.]
Overall Height, Rails Lowered	1,98 m [78 pulg.]	1.88 m [74 in.]
Overall Length, Extension In	2,35 m [92,5 pulg.]	2.35 m [92.5 in.]
Overall Length, Extension Out	3,26 m [128,5 pulg.]	3.26 m [128.5 in.]
<b>Drivable Height</b>	7,93 m [26 pies]	9.75 m [32 ft.]
<b>Drive Speed</b>		
Platform Lowered	0 to 3,2 km/h [0 to 2.0 mph]	
Platform Raised	0 to 1 km/h [0 to 0.62 mph]	
<b>Energy Source</b>	24 Volt Battery Pack (4-220 A Hour, 6 Volt Batteries, min. wt. 28.12 kg [62 lbs.] each)	
<b>Motor</b>	24 Volt 4 Horse Power DC Electric Motor	
<b>System Voltage</b>	24 Volt DC	
<b>Battery Charger</b>	25 A, 110/220 V AC	
<b>Battery Duty Cycle</b>	25% for 8 Hours	
<b>Hydraulic Tank Capacity</b>	15 L [4 US Gallons]	19 L [5 US Gallons]
<b>Maximum Hydraulic Pressure</b>	207 bar [3000 psi]	
<b>Hydraulic Fluid</b>		
Normal Temperature (>32° F [0° C])	ISO #46	
Low Temperature (<32° F [0° C])	ISO #32	
Extreme Temperature (<0° F [-17° C])	ISO #15	
<b>Lift System</b>	One Single Stage Lift Cylinder	Two Single Stage Lift Cylinders
<b>Lift Speed</b>	Raise, 45 sec./Lower 40 sec.	Raise, 65 sec./Lower 40 sec.
<b>Control System</b>	Proportional Control Handle with Interlock Switch, Rotary Drive/Lift Switch, and Red Mushroom EMERGENCY STOP Switch	
<b>Drive System</b>	Dual Front Wheel Hydraulic Motors	
<b>Tires</b>	381 mm [15 in.] Diameter Solid Rubber, non-marking	
<b>Parking Brake</b>	Dual Spring Applied, Hydraulic Release	
<b>Turning Radius</b>	203 mm [8 in.] Inside	
<b>Maximum Gradeability</b>	12° [22%]	12° [22%]
<b>Wheel Base</b>	1.9 m [74.75 in.]	
<b>Guardrails</b>	1.02 m [40 in.] High	
<b>Noise Level</b>		

\*Specifications are subject to change without notice. Hot weather or heavy use may affect performance.

Refer to the Service Manual for complete parts and service information.

This machine meets or exceeds all applicable CE and GS machinery directive requirements.







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