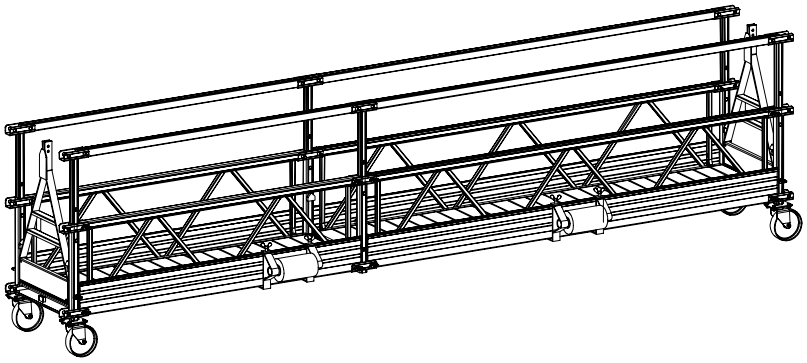
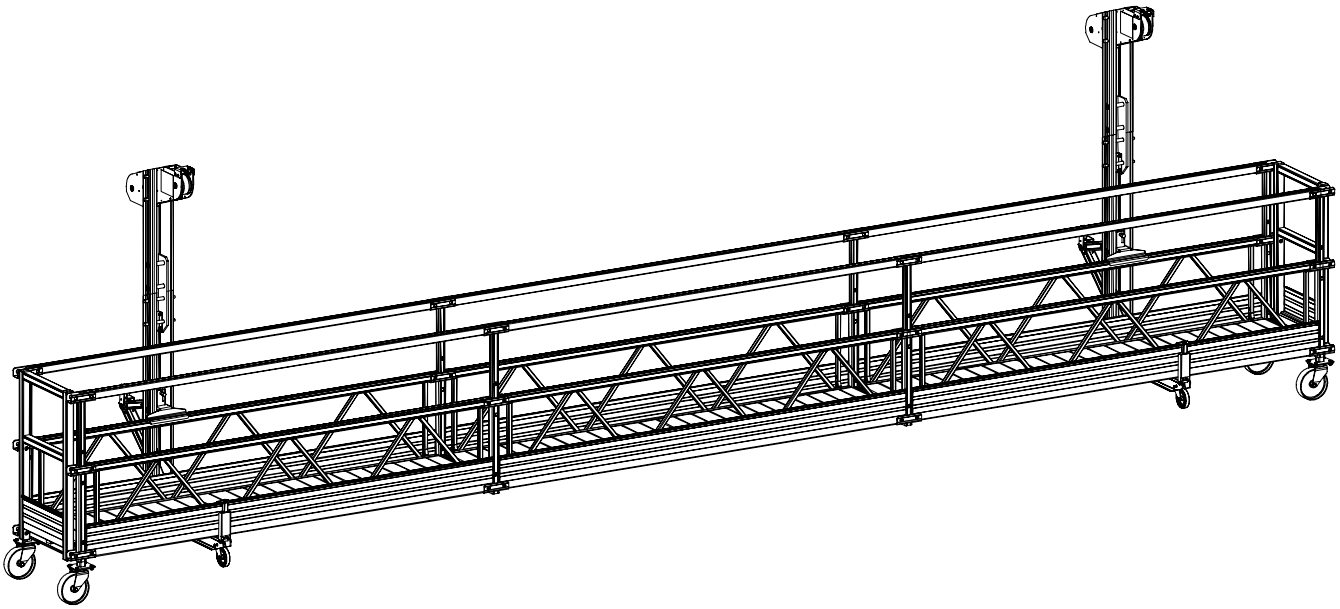
Assembly and operating instructions
for
suspended platform system
Modular suspended work platform in assembled lengths from 2m to 19m

Conform to UL code





Trained person must always supervise the installation procedure.
Local safety regulations and codes must be understood and followed.
All persons operating this equipment must read and completely understand this manual.
Any operation in violation of these instructions is at the operator's own risk.
Please be sure to consult with your Altrex supplier on factory approval for any configurations not listed in any tables of this manual.
Keep this manual with the equipment at all times!
This document will supersede previous versions.

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Date: 27-09-2006

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1 Safety guidelines to prevent accidents

Severe injury or even death can result from improper assembly or improper use of this suspended platform system.

- Do not use the suspended platform system unless:
  - You have read and understood the Scaffold Industry Association's suspended Platforms Codes of safe Practice (see chapter 8).
  - You are wearing properly rigged fall arrest equipment.
  - You comply with the platform assembly instructions and safety information.

- Be aware that the suspended platform is only one component of a suspended scaffold system. You must comply with each manufacturer's / supplier's instructions and all local, state and national safety standards and regulations. Ask your local supplier.

- You must read and understand this manual before using the suspended platform system.

- Do not make complete or incomplete copies of this manual by yourself.

- Stop using the suspended platform system immediately if any of the system components do not operate properly or if any of the system components are damaged – call your supervisor for help.

- Only use original suspended platform system components of Altrex.

- Only trained personnel shall assemble and use this suspended platform.

- Use only legal copies of the latest version of this manual. The legal and latest version of the "Assembly & Operating Instructions for suspended platform system" are, on request, available at the supplier of your suspended platform system. Use only the complete document; "Assembly and operating instructions for suspended platform system".

- This document is restricted to the suspended platform manufactured by Altrex.

- Be aware these safety guidelines are not all inclusive. Proper training for all individuals erecting, installing and using this equipment is mandatory.

- Do not assemble or use platform unless all components are present and in use.

- If the platform is exposed to excessive heat (as in the case of a fire), remove platform from service. (Structural strength may be compromised).

- Additional copies of warning labels are available should the original labelling become damaged, obscured or removed. Contact your Altrex platform supplier.

- This document must be kept on this suspended platform system.

2 Codes of safe practice

All suspended platform system must be assembled as detailed in the chapter “load capacity and configuration tables”. This is the manner in which the platforms were tested and classified by UL.

Before every installation of the equipment, the operator(s) should read and understand fully the contents of this manual. Serious injuries to personnel may result if the instructions are not followed.

Before using the equipment, the operator(s) must check the suspension system to ensure the stability at all times.
Use only Altrex equipment. If otherwise, ask your supplier for a declaration permission.

2.1 Installation

1. Act according to this document.

2. Always use gloves when assembling and dismantling the suspended platform to avoid injuries.

2.2 Use

1. Stop using the suspended platform system immediately if any of the components do not operate properly or other circumstances may jeopardize safety – call your supervisor for assistance. The equipment as described in this manual may not be used for operation in silo's, shaft and underground access. Special precautions are required for these specific applications.

2. In case the area below the platform system is open to the public, preventive measures have to be taken to safeguard the people below. (E.g. barriers, roof protected walkways, etc.)

3. Only authorized and trained persons shall operate this equipment.

4. An area must be available to allow the operator(s) to get on and off the platform safely.

5. The operator(s) shall check for obstructions along the travel of the platform.

6. After the (daily) work is finished the operator(s) shall bring the equipment in the "out of service position", switch off and isolate from the main power supply source.

7. The equipment may not be used when wind speed is more than 25 mph.

8. For physical, environment and operating conditions of the electric equipment, check the instruction manual of your hoisting manufacturer.

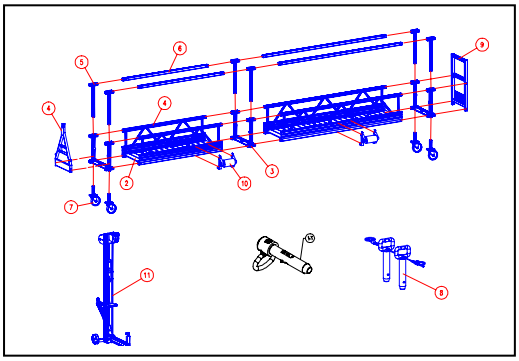
2.3 Maintenance

1. After installation, daily and after every emergency-stop, the operator must carry out a check and make sure that the equipment is in perfect working condition.

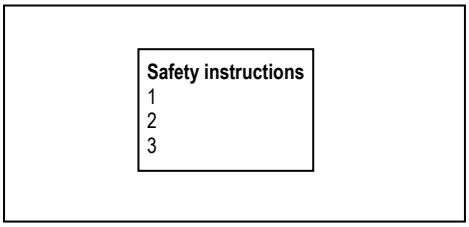
2. Use only original spare parts.

3 Do's & Dont's

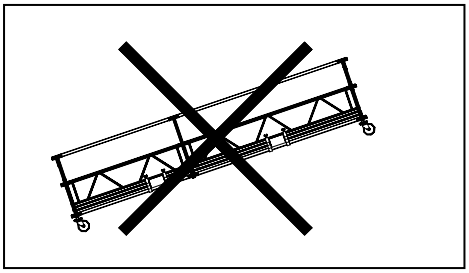
3.1 General



Inspect all components of the platform when received and understand and act to chapter “Load capacity and configuration” of this manual. Do not assemble this platform unless all components are present.
Do not use this platform unless all components are fitted.

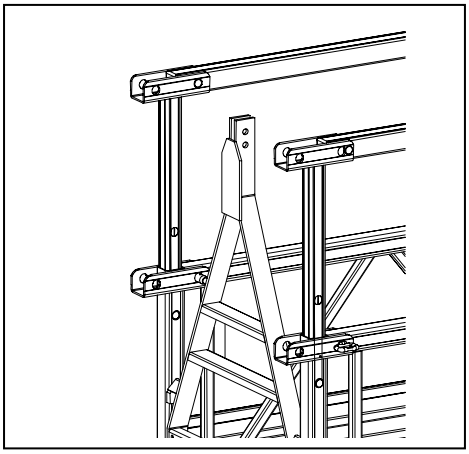


Additional copies of labels are available should the originals become damaged, obscured or removed. Contact your Altrex supplier.
Replace broken or damaged platform components as necessary. Always use a suspended platform system which is in excellent condition for safety reasons (especially check stirrups).



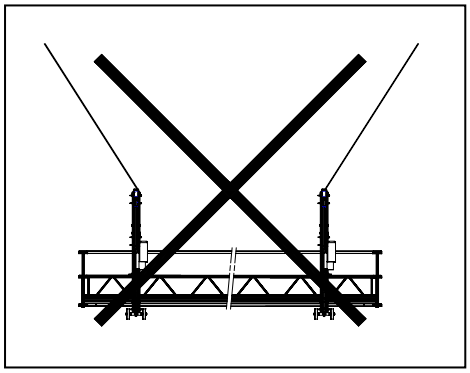
Keep the platform level at all times.

3.2 End stirrup



The "V" grooves in the U-frames mate with the "V" retaining bar attached to the end stirrup. This "saddle" arrangements allows the stirrup to pivot from the vertical position when the hoists are under tension while allowing the hoists to remain upright when there is no tension on the wire rope.

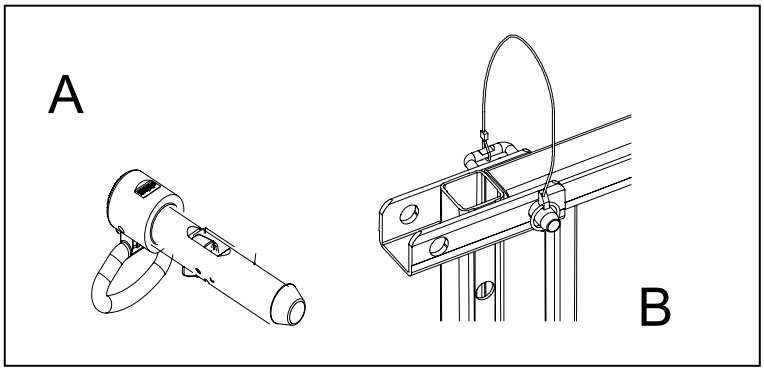
3.3 Walk through stirrup



Be sure wire rope is properly routed through pulleys and inlet guides at top of walk through stirrup.

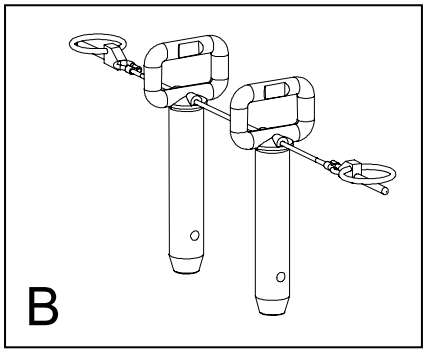
Be sure that the walk through stirrups are in line with the rigged points above.

3.4 Quick-pins



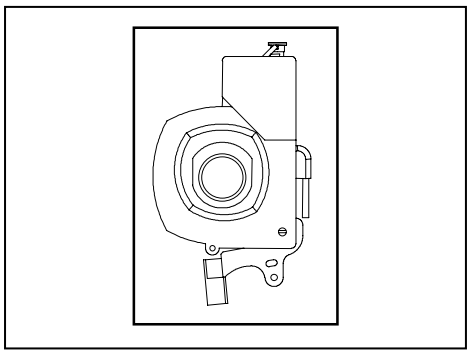
Always be sure all quick-pins are in place and locked.
(A) Quick pin-Pro (new type) is self locking.

(B) Be sure to place the red safety ring into quick-pin ends after insertion into each mounting hole. This ensures that the quick-pin is secured and won't "back-out".



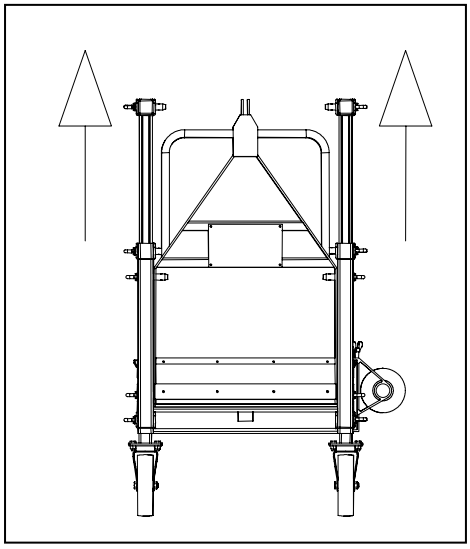
Note that quick-pins (B) come in sets of 2 pins connected together with a cable lanyard (so, 8 quick-pins – means 4 “sets”). Each lanyard is connected by means of metal clip to the U-frame. The purpose of this is to ensure that the quick-pins are present on each U-frame. Should quick-pins be torn loose from lanyards, replacement quick-pins are available from your supplier. Do not use any platform that has any missing pin(s).

3.5 Hoist



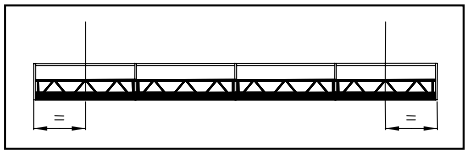
Be sure the hoists being used fit the end stirrup or walk through stirrup properly and that their stirrup bar aligns with the platform mounting brackets/plates. Use only hardware furnished by the hoist or stirrup manufacturer. Ask your local supplier.

3.6 Guard rail



Guard rails must be extended and used at all times. Note, adjustments available in guard rail posts. Height must not be less than 42" above platform deck.

3.7 Cantilevered sections



When using cantilevered sections, please read and act to chapter “Load capacity and configurations tables” for the UL-listed configurations. Note that cantilevered sections must balance (be equal in length on both sides).
Please be sure to consult with your Altrex supplier on factory approval for any configurations not listed in the tables as mentioned in chapter 6; ”Load capacity and configuration tables.”

Do not use acids (such as muriac or hydrochloric) or other corrosive substances that can effect the strength of aluminium. Should such substances come in contact with this platform, they must be immediately cleaned from the equipment and neutralized as quickly as possible. Remove all platform sections suspected or subjected to corrosive attack from service.

Do not use metal platforms near any electrical current. Contact the local electrical utility for recommendations. Danger – metal conducts electricity.

Keep platform deck free from dirt and debris (especially oil or grease, which can cause a slipping hazard) and keep the platform level at all times.

Do not modify this platform in any way. This platform has been designed, engineered, manufactured and tested to exacting standards.

Do not apply impact loads to platform (e.g. dropping anything on the deck of the platform).

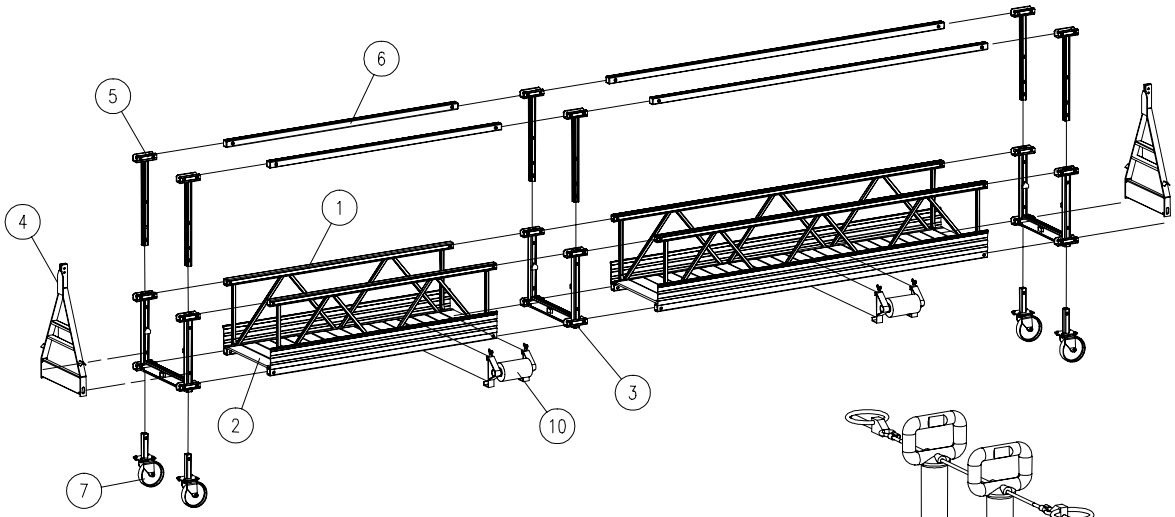
Do not overload or extend platform's total length or loading (refer to chapter 6 “Load capacity and configuration tables”). Be sure to evenly distribute weight (loading) on platform and to roof rig accordingly (adequate counter weight and tie backs).

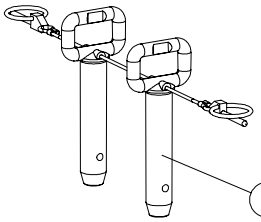
Do not use the suspended platform system as an elevator.

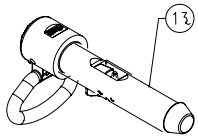
Do not weld anything to the component parts of the suspended platform system.

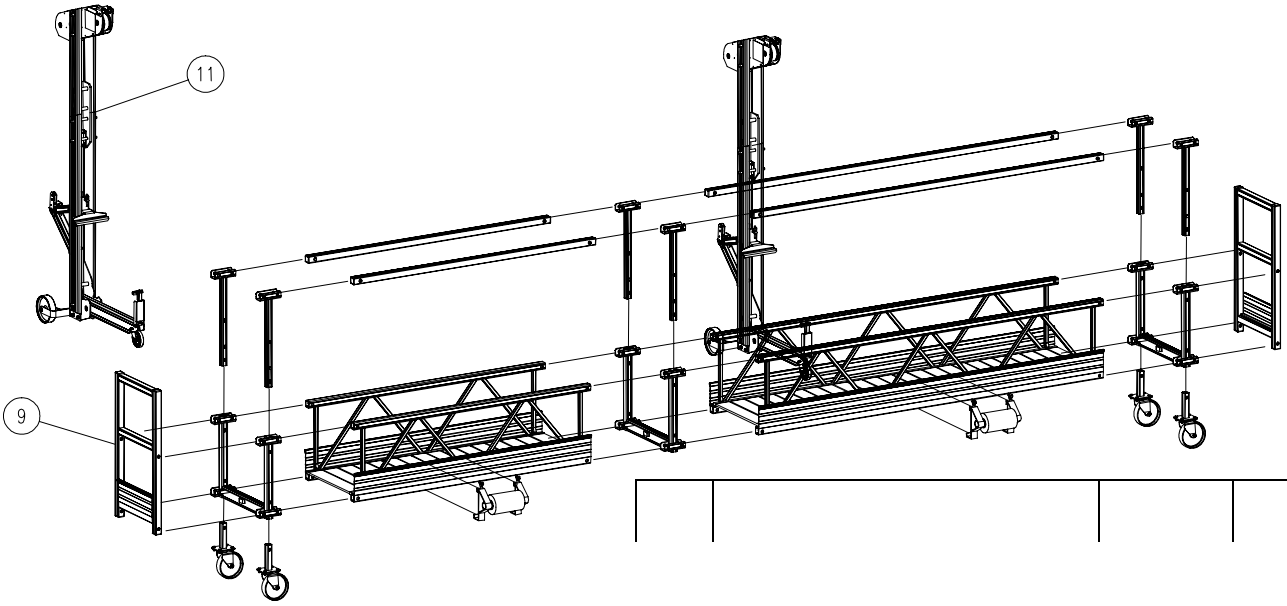
Do not repair components without permission of the manufacturer.

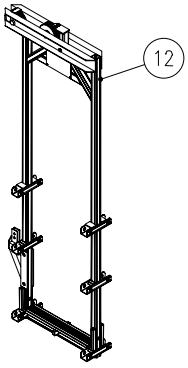
4 Identification of suspended platform parts







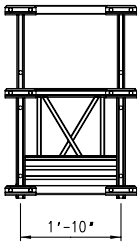


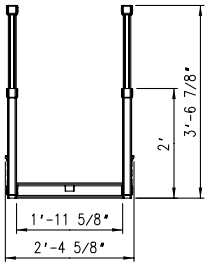


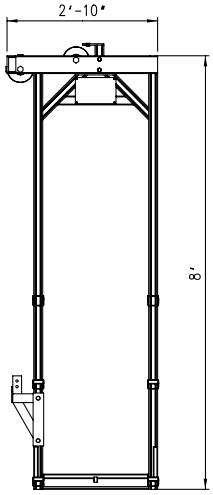
For configuration: chart 2 and chart 3 at chapter 6 “Load capacity and configuration tables”.

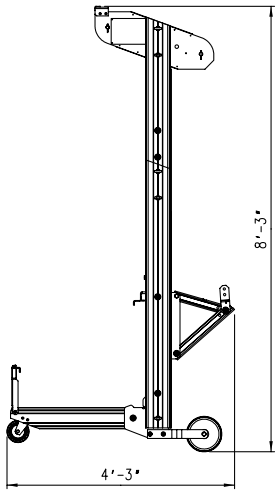
5 Dimensions of suspended platform system

2 feet section – 0.5 meter section

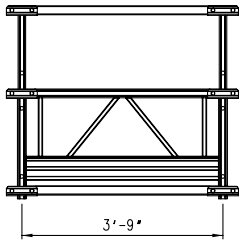




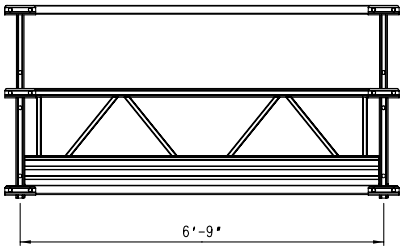


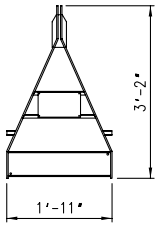


4 feet section – 1 meter section

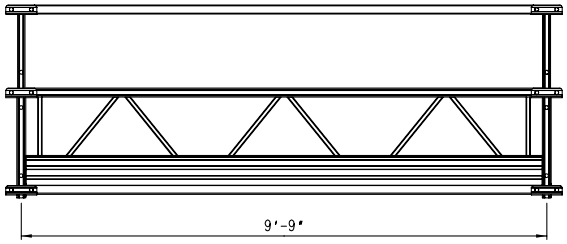


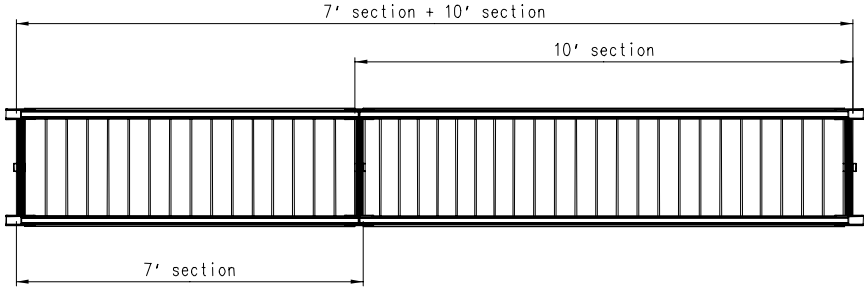
7 feet section – 2 meter section





10 feet section – 3 meter section





6 Load capacity and configuration tables

All suspended platform systems must be assembled as detailed in the tables below. This is the way the suspended platform systems were tested and classified by UL.
Platform sections -10-10-10- in feet (-3-3-3- in meters) may be replaced by -7-7- in feet (-2-2- in meters) as long as the maximum number of sections for the selected Rated Working Load and total platform length is not exceeded.

UL-listed Standard Modular Platform System model MHB with end stirrups (Chart 2)

Total platform length		Platform configuration		Total platform weight		Rated working load		Maximum number
Ft/inch	Meter	In sections (ft)	In sections (m)	Lbs	Kg	Lbs	Kg	of sections
6' 9"	2	7	2	160	73	2000	909	2
9' 9"	3	10	3	200	91	2000	909	2
13' 6"	4	7-7	2-2	271	123	2000	909	2
16' 6"	5	10-7	3-2	310	141	2000	909	2
19' 6"	6	10-10	3-3	348	158	2000	909	2
23' 3"	7	7-10-7	2-3-2	420	191	1500	682	3
26' 3"	8	10-7-10	3-2-3	458	208	1500	682	3
29' 3"	9	10-10-10	3-3-3	446	203	1000	455	4
33'	10	10-7-7-10	3-2-2-3	568	258	1000	455	4
36'	11	10-10-7-10	3-3-2-3	607	276	1000	455	4
39'	12	10-10-10-10	3-3-3-3	645	293	1000	455	4
42' 9"	13	10-10-7-7-10	3-3-2-2-3	717	326	750	341	5
45' 9"	14	10-10-7-10-10	3-3-2-3-3	755	343	750	341	5
48' 9"	15	10-10-10-10-10	3-3-3-3-3	830	361	750	341	5

UL-listed standard Modular Platform System model MHB with walk through stirrups (Chart 3)

Total platform length		Wire rope distance		Platform configuration		Total platform weight		Rated working load		Maximum number
Ft/inch	Meter	Ft/inch	Meter	In sections (ft)	In sections (m)	Lbs	Kg	Lbs	Kg	of sections
30' 9"	9	23' 3"	7	10-10-10♥	3-3-3#	847	385	1000	455	5
33' 9"	10	26' 3"	8	10-7-7-10♥	3-2-2-3#	884	402	1000	455	5
36' 9"	11	29' 3"	9	10-7-10-10♥	3-2-3-3#	924	420	1000	455	5
40' 6"	12	33'	10	10-10-10-10♥	3-3-3-3#	994	452	1000	455	5
43' 6"	13	36'	11	10-10-7-7-10♥	3-3-2-2-3#	1034	470	1000	455	5
46' 6"	14	39'	12	10-10-7-10-10♥	3-3-2-3-3#	1071	487	1000	455	5
50' 3"	15	42' 9"	13	10-10-10-10-10♥	3-3-3-3-3#	1144	520	750	341	7
53' 3"	16	45' 9"	14	10-10-7-7-10-10♥	3-3-2-2-3-3#	1181	537	750	341	7
56' 3"	17	48' 9"	15	10-10-10-7-10-10♥	3-3-3-2-3-3#	1221	555	750	341	7
46' 6"	14	33'-39'	10-12	10-10-7-10-10■	3-3-2-3-3$	1056	480	750	341	7
49' 6"	15	36'-42' 9"	11-13	10-10-10-10-10■	3-3-3-3-3$	1096	498	750	341	7
52' 3"	16	39'-45' 9"	12-14	10-10-7-7-10-10■	3-3-2-2-3-3$	1133	515	750	341	7
56' 3"	17	42'9"-48' 9"	13-15	10-10-10-7-10-10■	3-3-3-2-3-3$	1206	548	750	341	7
59' 3"	18	45' 9"	14	10-10-10-10-10-10♦	3-3-3-3-3-3♣	1243	565	750	341	7
62' 3"	19	48' 9"	15	10-10-10-7-7-10-10♦	3-3-3-2-2-3-3♣	1283	583	750	341	7

- ♥ 3' 3" feet cantilevered sections are included in outer 3 meter sections.
- ■ Cantilevered sections are included on outer 7 feet sections and may vary between 3 and 7 feet.
- ♦ 7 feet cantilevered sections are included in outer 10 feet sections.
- # 1 meter cantilevered sections are included in outer 3 meter sections.
- $ Cantilevered sections are included on outer 3 meter sections and may vary between 1 and 2 meters.
- ♣ 2 meters cantilevered sections are included in outer 3 meter sections.

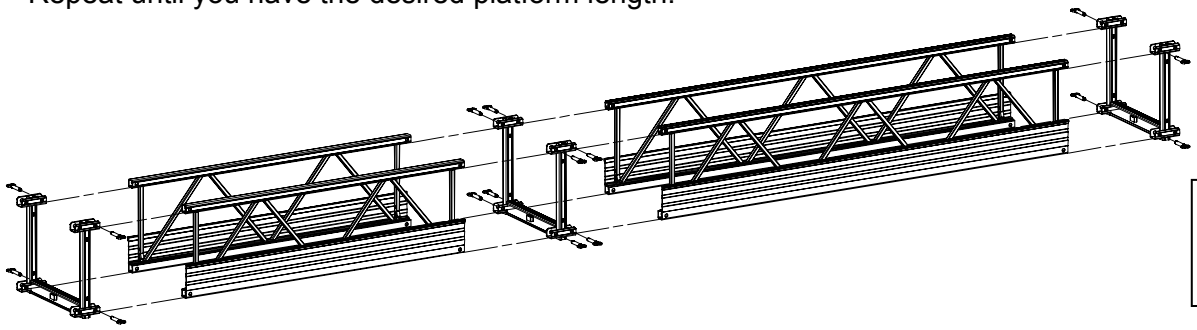
- The charts 2 and 3 takes into consideration that 2 each powered scaffold hoists will be used.
- Please be sure to consult your Altrex supplier on factory approval for any configuration not listed in the tables. Please be aware that any such configuration, if not approved, may imply serious risks of physical injury, damage or worse. Any liability of the manufacturer and supplier for non-approved configurations is herewith explicitly rejected.
- Total platform weight does not include weight of hoist, material or workers.
- Rated working load must be evenly distributed on platform.

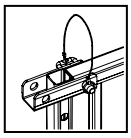
7 Assembly Instructions

Please read the load and configuration tables for desired platform length.

7.1 Temporary suspended platform for use with End Stirrups

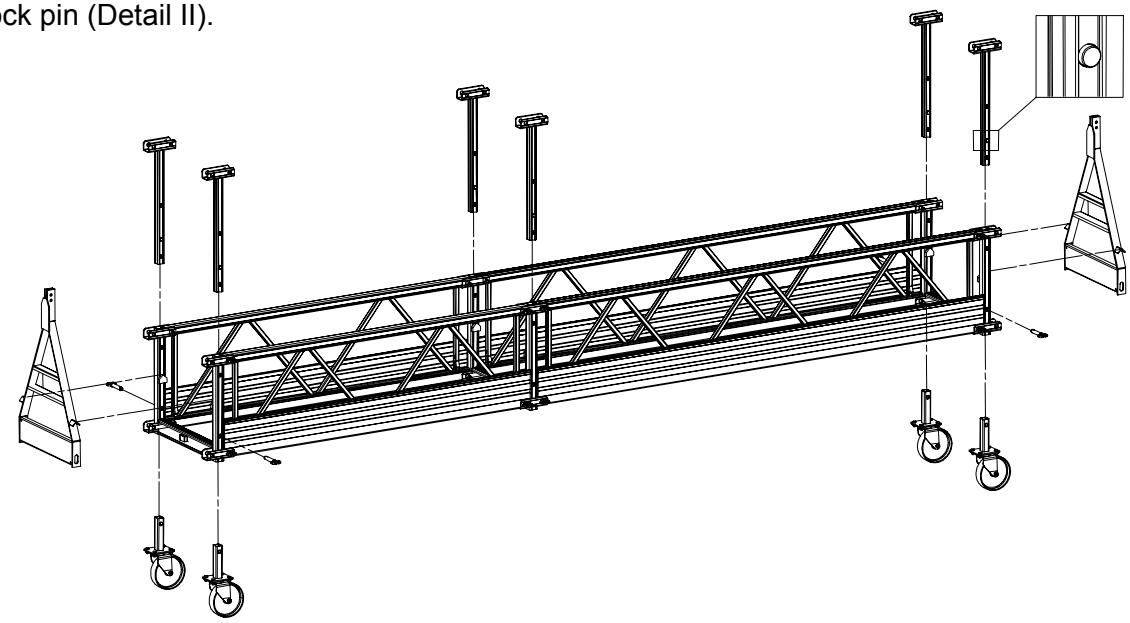
1. Fit side frames to U-frames with quick pins. Lock the quick pin (when part number 424016 is used) with the red safety ring (detail I)
   Repeat until you have the desired platform length.

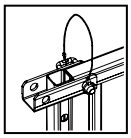




Detail I

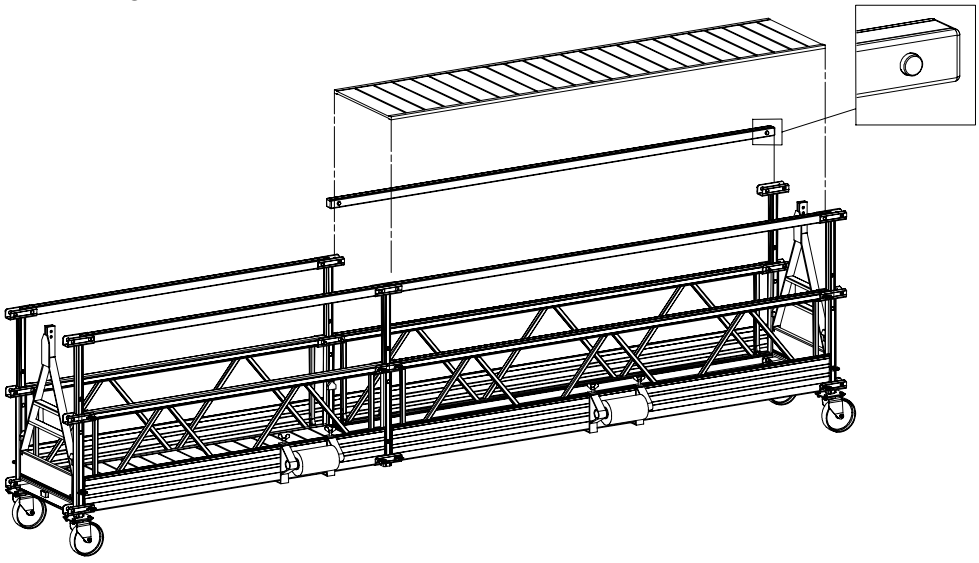
2. Mount the castor wheels. Secure with quick pins. Lock the quick pin (when part number 424016 is used) with the red safety ring (Detail II). Mount the guard rail posts. Secure with spring loaded push-button. Place the end stirrups at the end of the platform and let them rest on the triangle plates. Connect each end stirrup to the U-frame with quick-pins, or stirrup rod.
   Lock pin (Detail II).





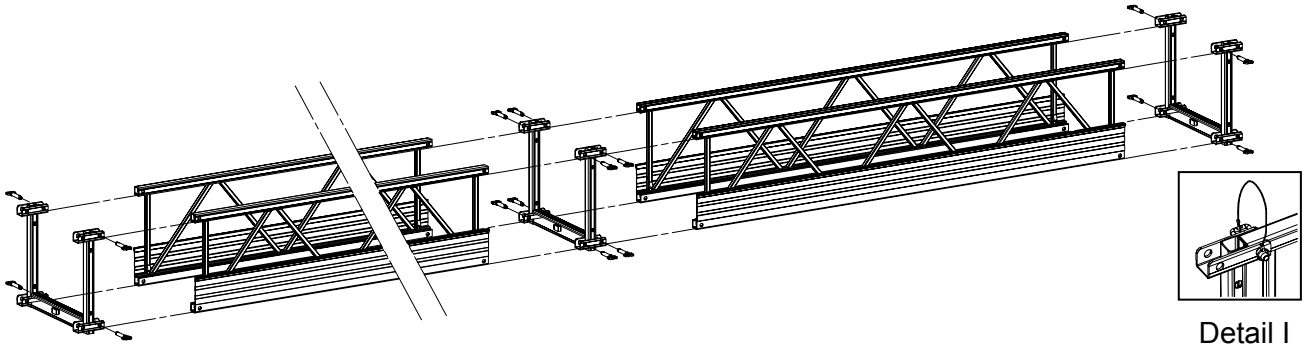
Detail II

3. Place the decks between the side frames. Snap into place behind spring loaded retaining lever arms. The top of the deck must be non-skid profile. Fit guard rails into guard rail posts and secure with the build in spring loaded "push-button". Mount roller bumpers (if used).



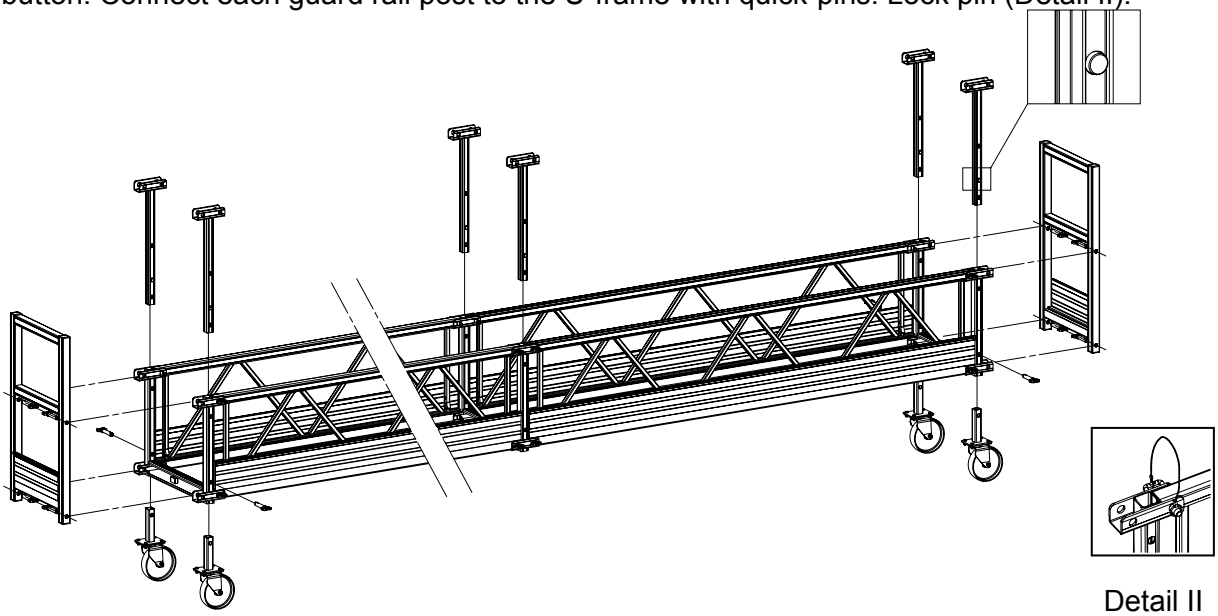
7.2 Temporary suspended platform for use with Walk Through Stirrups

1. Fit side frames to U-frames with quick pins. Lock the quick pin (when part number 424016 is used) with the red safety ring (detail I). Repeat until you have the desired platform length.



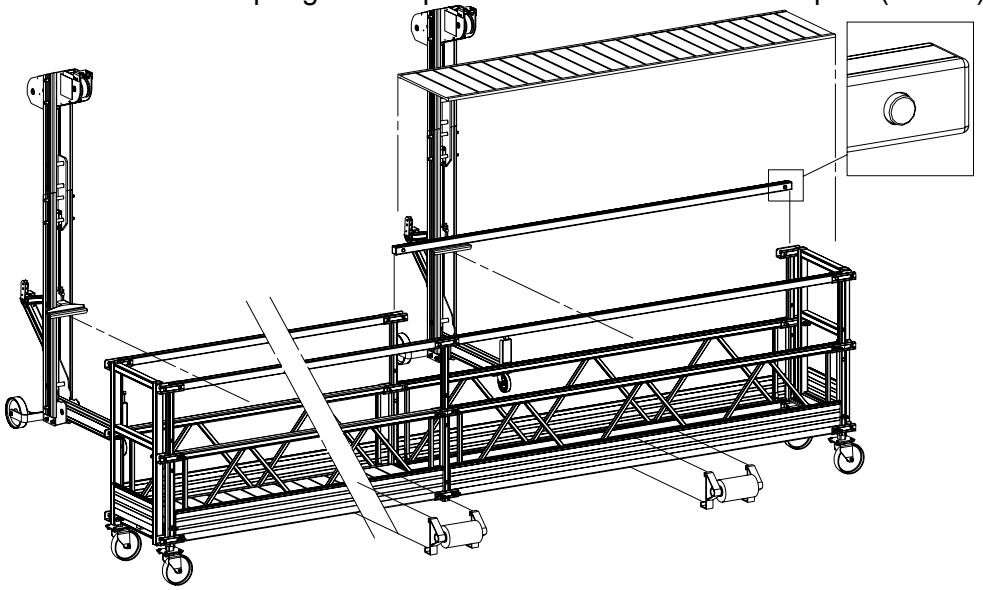
Detail I

2. Mount the castor wheels. Secure with quick pins. Lock the quick pin (when part number 424016 is used) with the red safety ring (Detail II). Mount the guard rail posts. Secure with spring loaded push-button. Connect each guard rail post to the U-frame with quick-pins. Lock pin (Detail II).



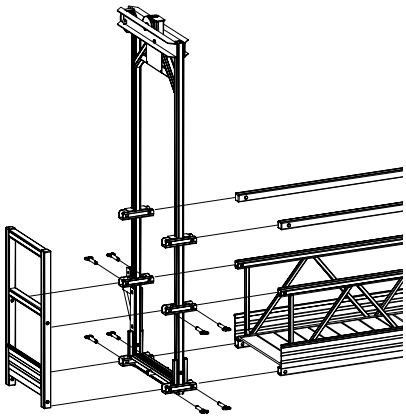
Detail II

3. Place the decks between the side frames. Snap into place behind spring loaded retaining lever arms. The top of the deck must be non-skid profile. Read “manual walk through stirrup”. This manual does not contain the “manual walk through stirrup”. Mount the walk through stirrups in required position. So that the cantilevered sections are balanced (see “Cantilevered sections”) and the walk through stirrups align with the rigging points above – use hardware provided. Mount guard rails and secure with spring loaded push-button. Mount roller bumpers (if used).

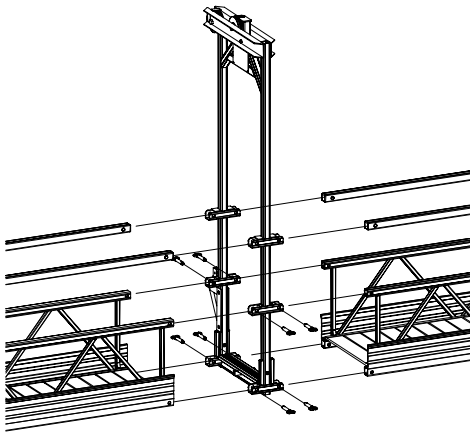


7.3 Temporary suspended platform for use with Walk Through Frames

A walk through frame can be placed
at the end of the suspended platform.
See chapter 6 “load capacity and
configuration tables” with end-stirrup.
Use always two Walk Through Frames.
Secure with quick-pins. Lock the quick pin.
See chapter 7.1 “assembly instruction for temporary
suspended platform for use with end stirrup”.



A Walk Through Frame can be placed
at the position of a Walk Through Stirrup.
See chapter 6 “load capacity and configuration tables”
with walk through stirrup.
Use always two Walk Through Frames.
Secure with quick-pins. Lock the quick pin.
See chapter 7.2 “assembly instruction for temporary
suspended platform for use with walk through stirrup”.



8 Code of safe Practices for Suspended Powered Scaffolds

It shall be the responsibility of all users to read and comply with the following common sense guidelines which are designed to promote safety in the erecting, dismantling and use of Suspended Powered Scaffolds. These guidelines do not purport to be all-inclusive nor to supplant or replace other additional safety and precautionary measures to cover usual or unusual conditions. If the guidelines in any way conflict with any state, local, provincial, federal of other government statute or regulation, said statute or regulation shall supersede these guidelines and it shall be the responsibility of each user to comply therewith.

I. GENERAL GUIDELINES

A. POST THESE SAFETY GUIDELINES in a conspicuous place and be sure that all persons who erect, use, locate, or dismantle suspended scaffold systems are fully aware of them and also use them in tool box safety meetings.
B. FOLLOW ALL EQUIPMENT MANUFACTURERERS' RECOMMENDATIONS as well as all state, local and federal codes, ordinances and regulations relating to suspended powered scaffolding.
C. SURVEY THE JOBSITE. A survey shall bee made of the jobsite by a competent person for hazards such as exposed electrical wires, obstructions that could overload or tip the suspended powered scaffold when it is raised or lowered, unguarded roof edges or openings, inadequate or missing tiebacks. Those conditions should be corrected before installing or using suspended powered scaffold systems.
D. INSPECT ALL EQUIPMENT BEFORE EACH USE. Never use any equipment that is damaged of defective in any way. Mark it or tag it as damaged or defective equipment and remove it from the jobsite.
E. ERECT AND DISMANTLE SUSPENDED POWERED SCAFFOLD EQUIPMENT in accordance with design and/or manufacturer's recommendations.
F. DO NOT ERECT, DISMANTLE, OR ALTER SUSPENDED POWERED SCAFFOLD SYSTEMS unless under the supervision of a competent person.
G. DO NOT ABUSE OR MISUSE SUSPENDED POWERED SCAFFOLD EQUIPMENT. Never overload platforms or hoists.
H. ERECTED SUSPENDED POWERED SCAFFOLDS SHOULD BE CONTINUOUSLY INSPECTED by the user to ensure they are maintained in a safe condition. Report any unsafe condition to your supervisor.
I. NEVER TAKE CHANCES! IF IN DOUBT REGARDING THE SAFETY OR USE OF SUSPENDED SCAFFOLDS, CONSULT YOUR SCAFFOLD SUPPLIER.
J. NEVER USE SUSPENDED SCAFFOLD EQUIPMENT FOR PURPOSE OR IN WAYS FOR WHICH IT WAS NOT INTENDED.
K. CARE SHOULD BE TAKEN WHEN OPERATING AND STORING EQUIPMENT DURING WINDY CONDITIONS.
L. SUSPENDED POWERED SCAFFOLD SYSTEMS should be installed and used in accordance with the manufacturer's recommended procedures. Do not alter components in the field.
M. SUSPENDED POWERED PLATFORMS MUST NEVER BE OPERATED NEAR LIVE POWER LINES unless proper precautions are taken. Consult the power service company for advice.
N. ALWAYS ATTACH FALL ARREST EQUIPMENT when working on suspended powered scaffolds.
O. DO NOT WORK ON OR INSTALL SUSPENDED POWERED SCAFFOLDS if your physical condition is such that you feel dizzy or unsteady in any way.
P. DO NOT WORK ON SUSPENDED POWERED SCAFFOLDS when under the influence of alcohol or illegal drugs.

8 Code of safe Practices for Suspended powered Scaffolds (Continued)

II. GUIDELINES FOR ERECTION AND USE OF SUSPENDED SCAFFOLD SYSTEM

A. RIGGING:

1. WEAR FALL PREVENTION EQUIPMENT when rigging on exposed roofs or floors.
2. ROOF HOOKS, PARAPET CLAMPS, OUTRIGGER BEAMS, OR OTHER SUPPORTING DEVICES must be capable of supporting the hoist machine rated load with a safety factor of 4.
3. VERIFY THAT THE BUILDING OR STRUCTURE WILL SUPPORT the suspended loads with a factor of safety of 4.
4. ALL OVERHEAD RIGGING must be secured from movement in any direction.
5. COUNTERWEIGHTS USED WITH OUTRIGGER BEAMS must be of a rigid material and must be secured to the beam to prevent accidental displacement.
6. OUTRIGGER BEAMS THAT DO NOT USE COUNTERWEIGHTS must be installed and secured on the roof structure with devices specifically designed for that purpose. Direct connections shall be evaluated by a competent person.
7. TIE BACK ALL TRANSPORTABLE RIGGING DEVICES. Tiebacks shall be equivalent in strength to suspension ropes.
8. INSTALL TIEBACKS AT RIGHT ANGLES TO THE FACE OF THE BUILDING and secure, without slack, to a structurally sound portion of the structure, capable of supporting the hoisting machine rated load with a safety factor of 4. IN THE EVENT TIEBACKS CANNOT BE INSTALLED AT RIGHT ANGLES, two tiebacks at opposing angles must be used to prevent movement.
9. DIRECTLY UNDER THEIR SUSPENSION POINTS.
10. RIG AND USE HOISTING MACHINES DIRECTLY UNDER THEIR SUSPENSION POINT supporting the hoisting machine rated load with a safety factor of 4. IN THE EVENT TIEBACKS CANNOT BE INSTALLED AT RIGHT ANGLES, two tiebacks at opposing angles must be used to prevent movement.
11. RIG AND USE HOISTING MACHINES DIRECTLY UNDER THEIR SUSPENSION POINTS.

8 Code of safe Practices for Suspended Powered Scaffolds (Continued)

B. WIRE ROPE AND HARDWARE

1. USE ONLY WIRE ROPE AND ATTACHMENTS as specified by the hoisting machine manufacturer.
2. ASSURE THAT WIRE ROPE IS LONG ENOUGH to reach to the lowest possible landing.
3. CLEAN AND LUBRICATE WIRE ROPE in accordance with the wire rope manufacturer's instructions.
4. HANDLE WIRE ROPE WITH CARE.
5. COIL AND UNCOIL WIRE ROPE in accordance with the wire rope manufacturer's instructions in order to avoid kinks of damage.
6. TIGHTEN WIRE ROPE CLAMPS in accordance with the clamp manufacturer's instructions.
7. DO NOT USE WIRE ROPE THAT IS KINKED, BIRDCAGED, CORRODED, UNDERSIZED, OR DAMAGED IN ANY WAY. Do not expose wire rope to fire, undue heat, corrosive atmosphere, electricity, chemicals, or damaged by tool handling.
8. USE THIMBLES AND SHACKLES AT ALL WIRE ROPE SUSPENSION TERMINATIONS.
9. USE J-TYPE CLAMPS OR SWAGED FITTINGS. Do not use U-bolts. Retighten J-Clamps under load and retighten daily.
10. WIRE ROPES USED WITH TRACTION HOISTS MUST HAVE PREPARED ENDS. Follow manufacturer's recommendations.

C. POWER SUPPLY

1. GROUND ALL ELECTRICAL POWER SOURCES AND POWER CORD CONNECTIONS and protect them with circuit breakers.
2. USE POWER CORDS OF THE PROPER WIRE SIZE THAT ARE LONG ENOUGH for the job.
3. POWER CORD CONNECTIONS MUST BE RESTRAINED to prevent their separation.
4. USE STRAIN RELIEF DEVICES TO ATTACH POWER CORDS TO THE SUSPENDED SCAFFOLD to prevent their separation.
5. PROTECT POWER CORDS AT SHARP EDGES.
6. USE GFI WITH TOWER TOOLS.

8 Code of safe Practices for Suspended Powered Scaffolds (Continued)

D. FALL ARREST EQUIPMENT

1. EACH PERSON ON A SUSPENDED POWERED SCAFFOLD must be attached to a separate fall arrest system unless the installation was specifically designed not to require one.
2. EACH LIFELINE MUST BE FASTENED to a separate anchorage capable of holding a minimum of 5000 pounds.
3. DO NOT WRAP LIFELINES AROUND STRUCTURAL MEMBERS unless lifelines are protected and a suitable anchorage connections is used.
4. PROTECT LIFELINES AT SHARP CORNERS to prevent chafing.
5. RIG FALL ARREST SYSTEMS to prevent free fall in excess of six feet.
6. SUSPEND LIFELINES FREELY without contact with structural members or building facade.
7. USE LIFELINES OF SIZE AND CONSTRUCTION that are compatible with the rope grab used.
8. ASSURE A PROPERLY ATTACHED ROPE GRAB IS INSTALLED ON EACH LIFELINE. Install in accordance with the manufacturer's recommendations.
9. KEEP FALL ARREST DEVICE POSITIONED ABOVE YOUR HEAD LEVEL.
10. USE ONLY FULL BODY HARNESSES of the proper size and that are tightly fastened.
11. ASSURE FULL BODY HARNESS of that proper size and that are tightly fastened.
12. CONSULT FALL PROTECTION SUPPLIER FOR INSPECTION PROCEDURE. INSPECT FALL PROTECTION ANCHORAGE / EQUIPMENT BEFORE EACH USE.
13. WHEN A SECONDARY WIRE ROPE SYSTEM IS USED, a horizontal lifeline secured to two or more structural members of the scaffold may be used in lieu of vertical lifelines.

8 Code of safe Practices for Suspended Powered Scaffolds (Continued)

E. DURING USE:

1. USE ALL EQUIPMENT AND ALL DEVICES in accordance with the manufacturer's instructions.
2. DO NOT OVERLOAD, MODIFY, OR SUBSTITUTE EQUIPMENT.
3. BEFORE COMMENCING WORK OPERATIONS preload wire rope and equipment with the maximum working load, then retighten wire rope rigging clamps and recheck rigging to manufacturer's recommendations.
4. INSPECT ALL RIGGING EQUIPMENT AND SUSPENDED POWER SCAFFOLD SYSTEMS DAILY
5. INSPECT WIRE ROPE DURING EACH ASCENT OR DESCENT FOR DAMAGE.
6. USE CARE TO PREVENT DAMAGE TO EQUIPMENT by corrosive or other damaging substances.
7. CLEAN AND SERVICE EQUIPMENT REGULARLY.
8. ALWAYS MAINTAIN AT LEAST (4) FOUR WRAPS OF WIRE ROPE ON DRUM TYPE HOISTS.
9. DO NOT JOIN PLATFORMS unless the installation was designed for that purpose.
10. ONLY MOVE SUSPENDED SCAFFOLDS HORIZONTALLY WHEN NOT OCCUPIED.
11. WHEN RIGGING FOR ANOTHER DROP assure sufficient wire rope is available before moving the suspended scaffold system horizontally.
12. WHEN WELDING FROM SUSPENDED POWERED SCAFFOLD:
    a) Assure platform is grounded to structure.
    b) Insulate wire rope above and below the platform.
    c) Insulate wire rope at suspension point and assure wire rope does not contact structure along its entire length.
    d) Prevent the bitter end from touching the ground.