

**EZ SCAFFOLD**



Clint Bridges

[clint@ezscaffold.com](mailto:clint@ezscaffold.com)

615-812-9769



TWICE THE WORK WITH  
HALF THE LABOR  
DISMANTLE AND REINSTALL  
15 MINUTES







Plenty of room for stock  
in front of tower.  
Great for block!

STOCK 1

# INCREASE PRODUCTION

Bruce A. Suprenant article on Tower Scaffold  
Mason Productivity Report Franklin B. Johnson

“Maintaining a **convenient work level minimizes mason fatigue** and results in a 20% to 35% increase in productivity. And that makes you more competitive and more profitable.”

“On all walls, using tower scaffolding increases mason productivity by at least 20%; on Walls with no openings, productivity can increase as much as 35%.”

“Scaffold building and tear down is cut by 50% to 80%.”

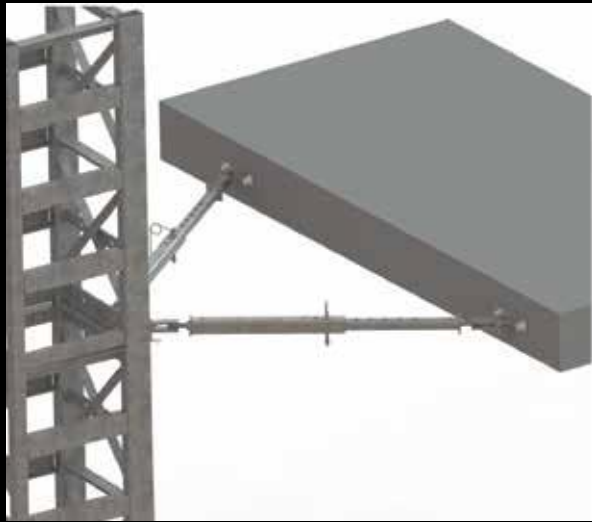





DOES NOT FALL UNDER ANSI  
10.8.10.11 REQUIRING PE FOR  
HEIGHTS OVER 125'

DESIGNED TO SPECIFIC  
HEIGHTS – EZ IS 550'

# MUST CONFIRM FOUNDATION CAN SUPPORT LOAD AND STRUCTURE SUPPORT WALL TIES



SOIL BEARING CAPACITY & BASE LOADS																									
<b>Soil Bearing Capacity</b> Make sure that the surface capacity is sufficient to support scaffold according to the following table (load per base plate):																									
<b>EXAMPLE TO FIND PSI</b> • Find the sq i.n. of base plate (decimal form) <b><math>16.625'' \times 22.625'' = 376.140625 \text{ sq.in.}</math></b> • Divide Lbs per base leg, based on total height to be achieved, by the sq i.n. <b><math>24,000\text{lbs} \div 376 \text{ sq.in.} = 64\text{psi}</math></b>																									
	<table><tr><th>Height in Feet</th><th>Lbs per Base Leg</th></tr><tr><td>Up to</td><td></td></tr><tr><td>50</td><td>19,000</td></tr><tr><td>100</td><td>21,500</td></tr><tr><td>150</td><td>24,000</td></tr><tr><td>200</td><td>26,500</td></tr><tr><td>250</td><td>29,000</td></tr><tr><td>300</td><td>31,500</td></tr><tr><td>350</td><td>34,000</td></tr><tr><td>400</td><td>36,500</td></tr><tr><td>450</td><td>39,000</td></tr><tr><td>500</td><td>41,500</td></tr></table>	Height in Feet	Lbs per Base Leg	Up to		50	19,000	100	21,500	150	24,000	200	26,500	250	29,000	300	31,500	350	34,000	400	36,500	450	39,000	500	41,500
Height in Feet	Lbs per Base Leg																								
Up to																									
50	19,000																								
100	21,500																								
150	24,000																								
200	26,500																								
250	29,000																								
300	31,500																								
350	34,000																								
400	36,500																								
450	39,000																								
500	41,500																								

GOOD QUESTIONS FOR SAFETY TO ASK  
CAN FOUNDATION SUPPORT LOAD?  
WHAT FREESTANDING/WALL TIE HEIGHTS?

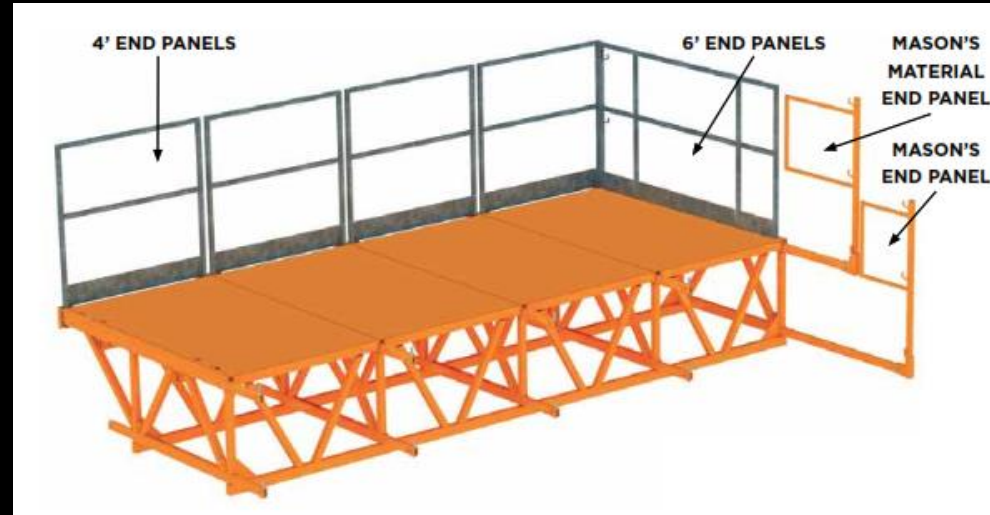






# FALL PROTECTION

BUILD ON GROUND  
STAY THAT WAY



ONE LEVEL  
EASY TO INSPECT

DESIGNED TO  
SUPPORT PFP?





# FALLING OBJECT PROTECTION



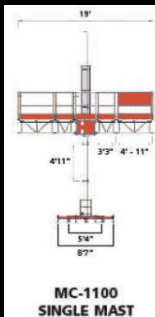
DIAPER

OVERHEAD





# KNOW THE CAPACITY OF THE MACHINE



Technical Data	Twin Mast MC-2200	Single Mast MC-1100
Max. Height	330'	330'
Max. Length	58'-5"	19'-0"
Max. Width	4'-8"	4'-6"
Max. Payload (evenly distributed) lbs.	2200	1100
Max. Distance Between Mast Towers	20'	---
Distance Between Tie	20'	20'
Base Climber Unit Weight-Lbs.	860	860
Mast Section Height	59"	59"
Mast Section Weight-Lbs.	80	80
Deck Module Length	59" or 39"	59" or 39"
Deck Module Weight-Lbs.	103 or 77	103 or 77
Climbing Speed-Ft per min.	20'	20'
Power Requirements-208 VAC Three Phase/Amps	15	7.5
Drive Motors-1.5 KW	2	1

This product must be used in conformity with safe practice and applicable statutes, regulations, codes and ordinances. Specifications of products and equipment shown herein are subject to change without notice.



**25,000 lb total capacity on 24' Power Unit.**  
64' configuration has a total capacity of 19,000 lbs

**5,000 Lb total capacity**  
**Deck capacity**  
Stock and Decks must be subtracted from total 25,000 lbs capacity.



**5,000 Lb total capacity**  
**Deck capacity**  
Stock and Decks must be subtracted from total 25,000 lbs capacity.





TRANSFERRING  
MATERIAL  
FROM  
PLATFORM TO  
BUILDING ONLY  
ALLOWED IF  
THE WORK IS  
PART OF THE  
WORK BEING  
DONE ON THE  
PLATFORM





ACCESS

LEGAL TO CLIMB?  
ACCESS PLATFORM?  
REST PLATFORM?





# SCAFFOLD PLAN

**EZ SCAFFOLD MC SCAFFOLD PLAN** JOB SITE NAME \_\_\_\_\_

All work will be done by personnel trained by a competent person in accordance with the EZ Scaffold Safety and Installation Manual, OSHA 1926, EM 385 where applicable and local codes.

Contractor _____	Start date: _____	Duration wks _____
Contact _____	Site Contact: _____	
Address _____	Site Phone _____	
_____	Site address _____	
Phone _____		
Email _____		

Equipment required: Planking (decking) shall follow the guideline set forth in OSHA regulations (29 CFR part 1926).

Twin Mast 19,000 lb capacity @ 64 lf \_\_\_\_\_ Single Mast 10,000 lb capacity @ 40 lf \_\_\_\_\_

Crane and size and who is responsible to supply \_\_\_\_\_

Site Crane availability \_\_\_\_\_

Forklift size and reach and who is responsible to supply \_\_\_\_\_

Primary use: _____	Structure detail: _____
Max Platform Height _____	Steel _____ Concrete _____ Other _____
Max Platform Length _____	Post Tension _____ Planking _____ Installation _____
Total # of units _____	Floor height _____ # floors _____
Anchor type: _____	
Estimated tie length: _____	Access/Rest Platform: _____

Ground Conditions: \_\_\_\_\_

Sand Shoes required: \_\_\_\_\_ Cribbing required: \_\_\_\_\_

Shoring required and # units required \_\_\_\_\_

Special conditions (obstructions, landscaping, electrical lines or other that may affect base positioning, wheel kit) \_\_\_\_\_

**EZ SCAFFOLD MC SCAFFOLD PLAN** JOB SITE NAME \_\_\_\_\_

Configuration: \_\_\_\_\_

90° Deck right \_\_\_\_\_ left \_\_\_\_\_ Bridge required and length \_\_\_\_\_

Corner brackets \_\_\_\_\_ Pilaster brackets \_\_\_\_\_

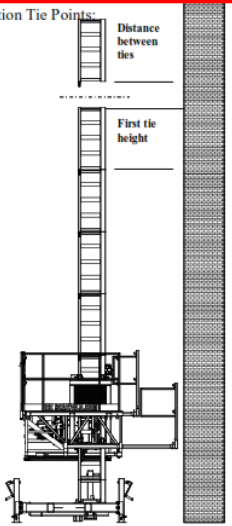
Extra platform extension required: \_\_\_\_\_

Site specific engineering required (ties, shoring, extension, other): \_\_\_\_\_

Overhead protection required: \_\_\_\_\_

Falling object protection (toe boards etc): \_\_\_\_\_

Capacity required and material loading procedure: _____	Elevation Tie Points: _____
Inspection and tag procedure/location: _____	Distance between ties _____
Dismantle procedure: _____	First tie height _____



## CONFIRMS:

1. RIGHT EQUIPMENT FOR JOB
2. SITE SPECIFIC ISSUES

WALL TIE  
FOUNDATION  
ETC..

3. ACCESSORIES REQUIRED

A GOOD SCAFFOLD PLAN  
NOT ONLY MAKES YOU  
SAFER IT MAKES YOU MORE  
EFFICIENT AND PROFITABLE!





# INSPECTION

**IF YOU DON'T KNOW - DON'T DO. CONTACT MANUFACTURER**

The following lists are intended to provide workers using scaffolds basic information on identifying and correcting some potential hazards in the erection and use of adjustable climbing scaffold. It may be used as a prerequisite for builders and workers who are assigned as the competent scaffold person by the employer. However, it is not intended to provide information for scaffold system builders, unless the program is used with advanced scaffold training provided by factory approved instructors.



Further training is needed for those workers who erect and dismantle scaffolds or are assigned the responsibilities of a competent person at the work site.

**800-699-6831**

DAILY INSPECTIONS	PASS	FAIL	CORRECTIONS MADE
1. Ground Conditions: Settling of the ground beneath the unit may occur. Erosion can cause a dangerous situation. Check that all supports are loaded and mud sills, if used, are in place. More frequent checks may be required under conditions of rain, freeze or thaw. CHECK WITH SITE ENGINEER TO DETERMINE THAT FOUNDATION (SOIL, ROOF, FLOOR, ETC...) IS ADEQUATE.			
2. Level. Check that the unit remains level. More frequent checks may be required under conditions of rain, freeze or thaw. Make sure all pins are in place in Outriggers and Jacks. IF TOWERS ARE ANCHORED TO WALL, DO NOT USE LEVELING JACKS FOR FRONT TO BACK ADJUSTMENT. LEVELING JACKS MAY BE USED FOR SIDE TO SIDE.			
3. Straight Towers. Visually check for straightness of towers.			
4. Make sure all wall ties are in the proper place and correctly installed. Bent wall ties indicate scaffold is incorrectly installed. Do not replace wall tie without first correcting problem			
5. Guard Panels: All Gates, Guard Panels, End Panels, and Mason's End Panels should be in place and functional			
6. Hydraulic Oil level: Check oil level at beginning of each shift.			
7. Straight ladder rungs. Check all towers for any damage. Consult competent personnel before removing and/or continuing to use.			
8. Make sure all scaffold plank are in place, with proper spacing, overlap and free from defects (cracks, splits or damage)			
9. Legal access and rest platforms where necessary.			
10. Check rollers for debris.			
11. Check safety lock assembly for proper operation. Platform must be on safety locks when not in operation (moving up or down).			
12. Clean unit and remove excess mortar			
13. Check for leaks in hydraulic system.			
14. Inspect cam followers for integrity and operation.			
15. Inspect cam guides for integrity, signs of damage and/or wear.			
16. Grease rollers as needed.			
17. Inspect freefall mechanism. Keep clean of dirt, debris, and corrosion. Grease when necessary.			
18. Compounds have been inspected for defects such as broken welds, corroded members, and missing locks, bent or kinked tubes.			
19. Travel path clear of obstructions.			
20. Tank full of fuel and fire extinguisher in place			
21. Run unit to ensure proper operation and that unit is in time.			
22. Toe boards and falling object protection where required.			

INSPECTION PERFORMED BY:

DATE:

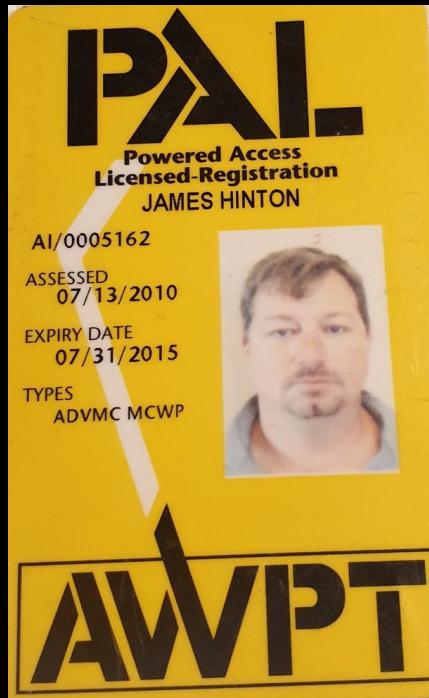
The image displays three safety tags used for scaffolding identification and safety communication. Each tag is made of a durable material and has a hole at the top for hanging.

- Green Tag:** Features the text "SAFETY FIRST" in large, bold, white letters on a black background. Below this, it says "SCAFFOLD COMPLETED" and "READY TO USE" in bold white letters. At the bottom, it reads "INSPECTION RECORD ON BACK".
- Yellow Tag:** Features the text "CAUTION RESTRICTION" in large, bold, black letters. Below this, there is a section titled "Safety Harness Required?" with two options: "Yes ☐ No ☐". Underneath, there are three checkboxes for other safety concerns: "Missing Handrail or Midrail", "Holes in Deck", and "Difficult Access".
- Red Tag:** Features the text "INCOMPLETE SCAFFOLDING" and "DO NOT USE" in large, bold, white letters. At the bottom, it reads "EZ Distributing (800)699-6931 BSR-102-412-0".

The image shows three safety-related tags hanging vertically. The leftmost tag is green and titled "INSPECTION RECORD". It has a circular hole at the top and a table below with two columns: "DATE" and "INSPECTED BY". There are ten rows for entries. At the bottom, it says "EZ Distributing (800)699-6831 BSLG-119-912-0". The middle tag is yellow and also titled "INSPECTION RECORD". It has a similar circular hole and a table with "DATE" and "INSPECTED BY" columns and ten rows. At the bottom, it says "EZ Distributing (800)699-6831 BSYL-102-412-0". The rightmost tag is red and features large, bold text: "DANGER DO NOT USE THIS SCAFFOLD KEEP OFF THIS SCAFFOLD IS BEING ERECTED/DISASSEMBLED OR IS DEFECTIVE DO NOT ALTER". Below this, there are fields for "DATE", "COMPETENT PERSON SIGNATURE", and "COMMENTS". Each field has several horizontal lines for writing. A small circular hole is at the top of the red tag.

# CERTIFICATION

WONDERFUL  
TRAINING PROGRAMS  
AVAILABLE SUCH AS



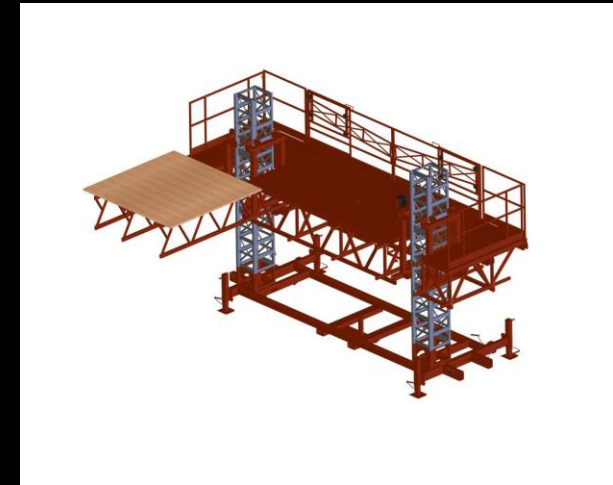
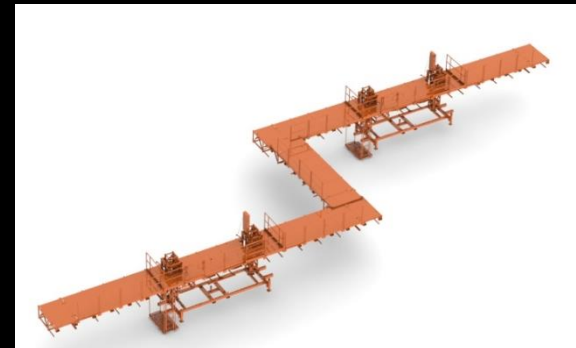
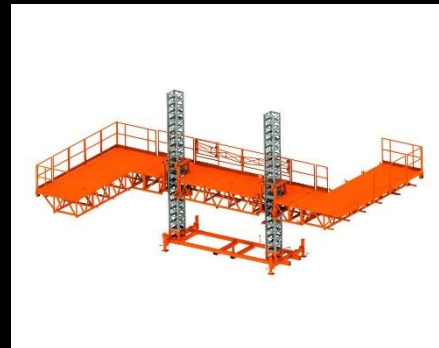
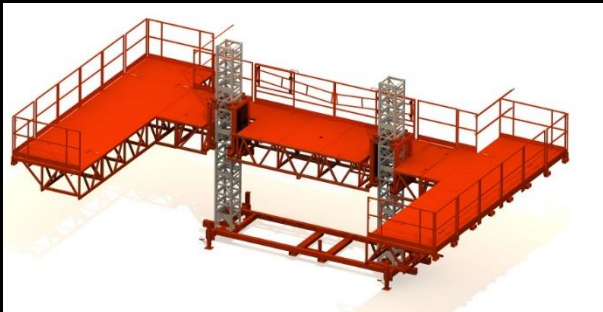
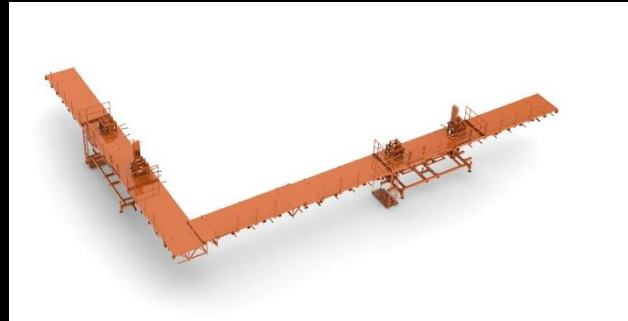
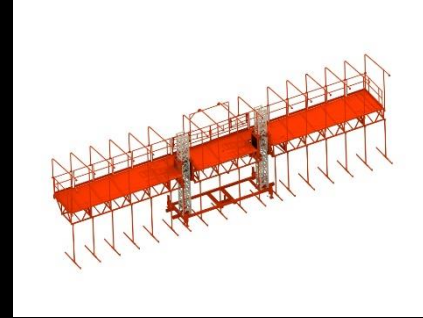
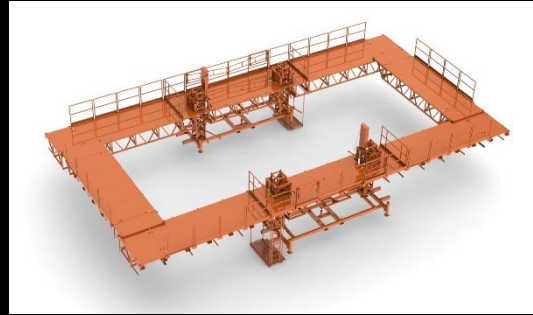
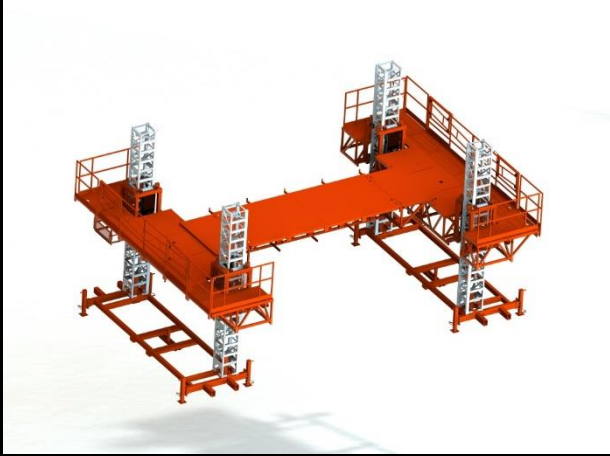
**SAIA** SCAFFOLD & ACCESS  
INDUSTRY ASSOCIATION



COMPETENT  
PERSON/INSTALLER/USER  
TRAINING MUST BE  
MACHINE SPECIFIC



# MULTIPLE CONFIGURATIONS







EXTENSION  
UP TO  
13'

Westin Memphis Beale Street  
The Blues Go Upscale. First Quarter 2007.

WESTIN<sup>®</sup>  
HOTELS & RESORTS

SPONSOR: SENATE HOTEL PARTNERS, MEMPHIS, LP  
DEVELOPER & OPERATOR:  
SENATE HOSPITALITY GROUP, LLC  
A DIVISION OF  
HINEDAK BOBO GROUP, INC.  
ARCHITECT & INTERIOR DESIGNER: [illegible]  
GENERAL CONTRACTOR: [illegible]









TURN DECK  
90 DEGREES  
WITH STANDARD  
EXTENSION





MONORAIL



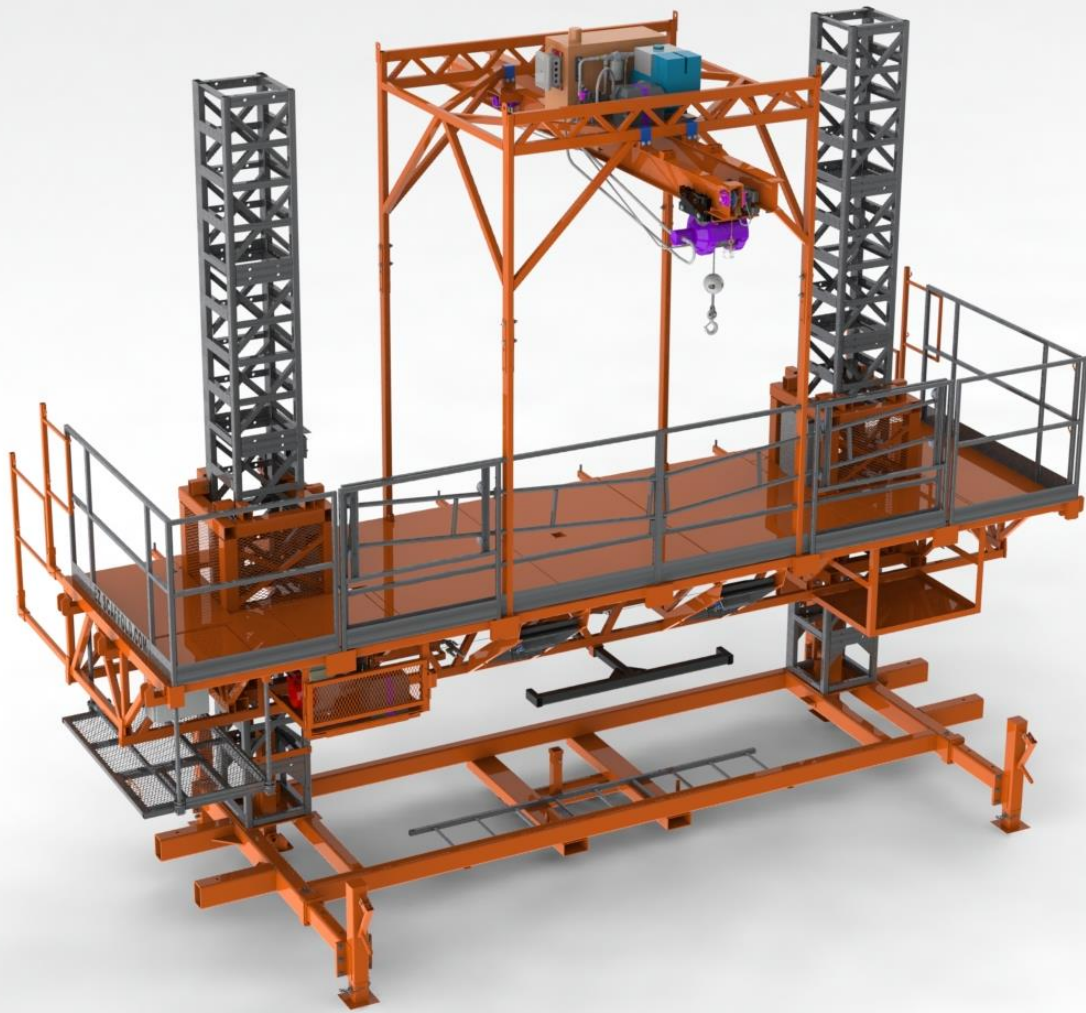


# WINTER ENCLOSURE









# MATERIAL HOIST 4,000 LB FOR TWIN MAST



















BRIDGE  
BETWEEN  
UNITS

























CHUTES  
UP TO  
150' HIGH













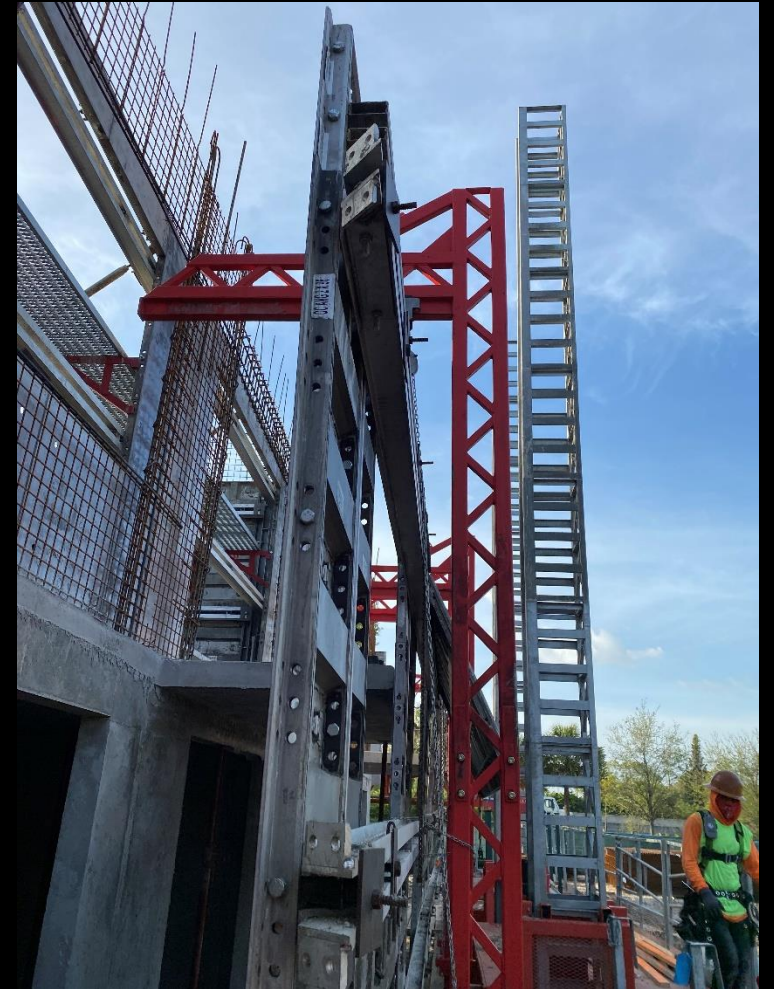




# SETTING CONCRETE FORMS



# LIFTING GANGED FORMS







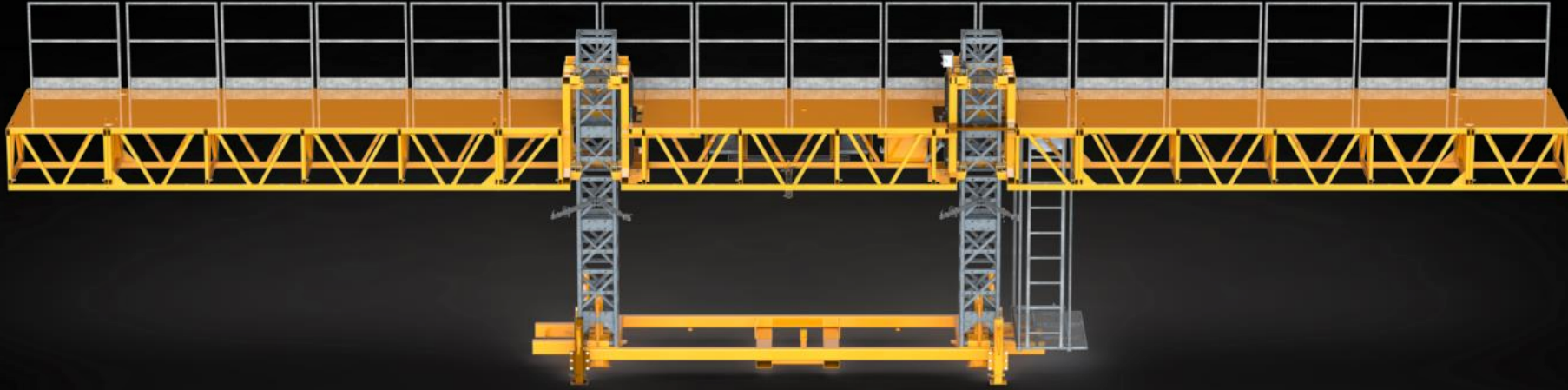












# EZ SCAFFOLD

ANY QUESTIONS?



Clint Bridges

[clint@ezscaffold.com](mailto:clint@ezscaffold.com)

615-812-9769