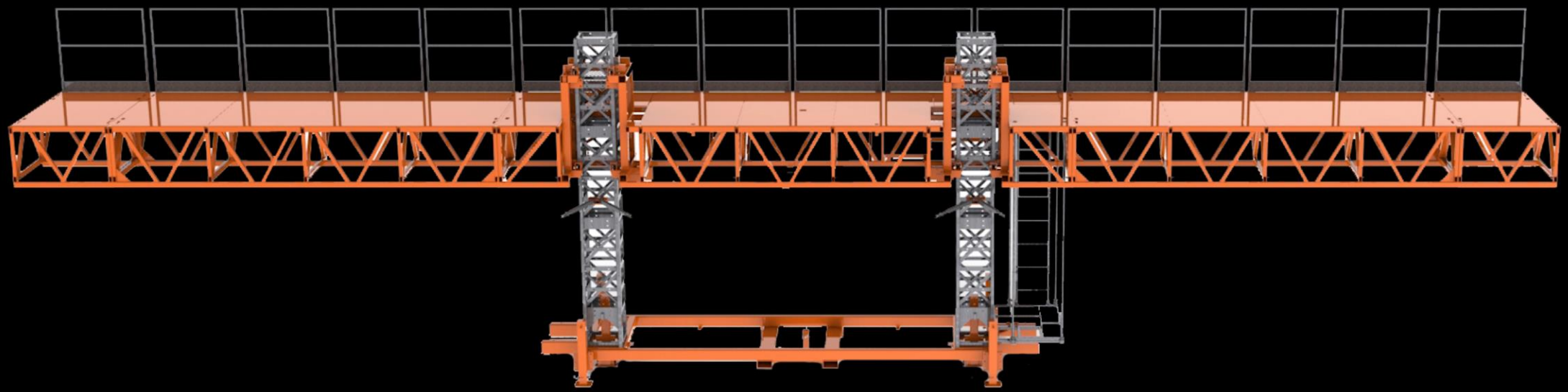


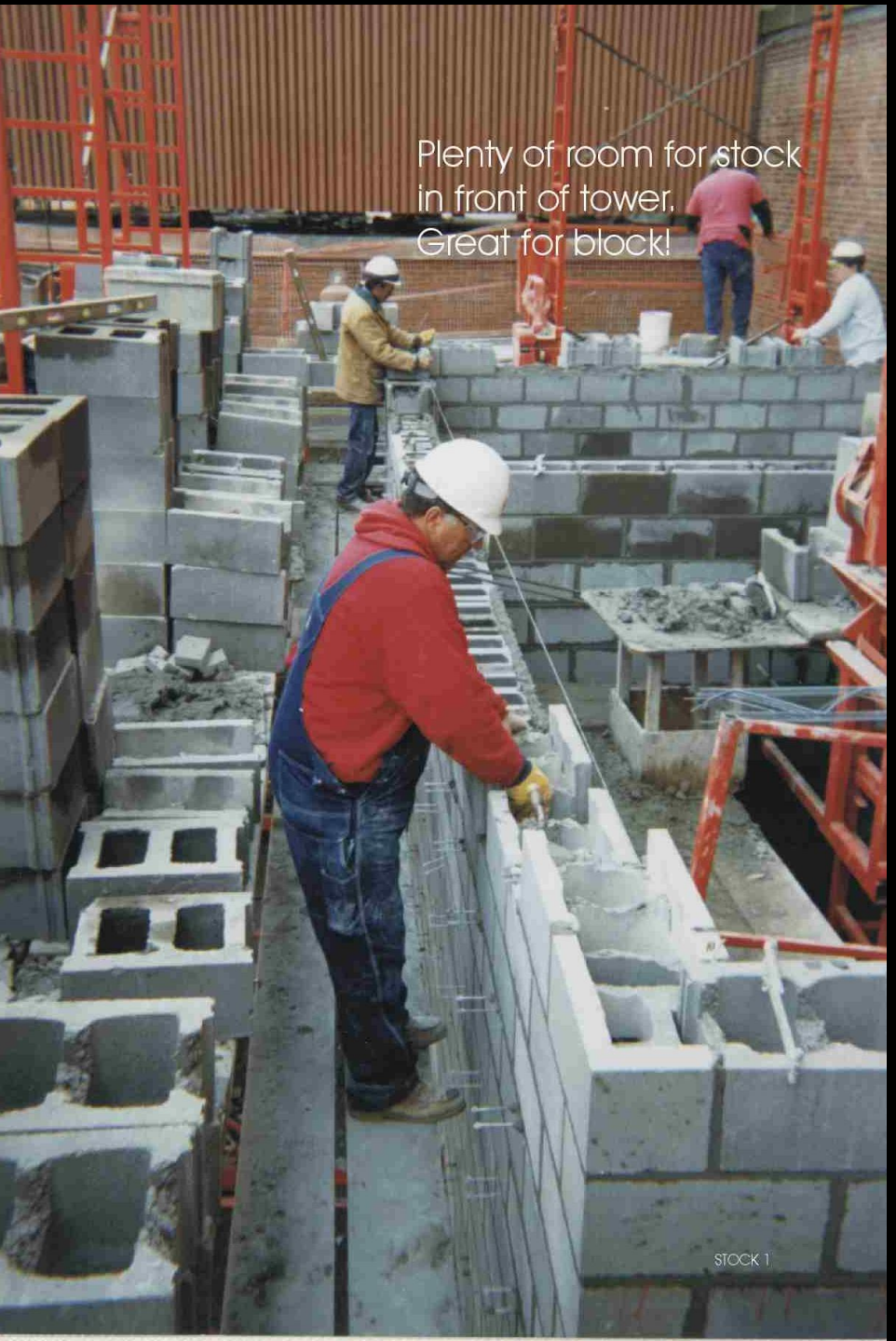
EZ SCAFFOLD

Clint Bridges

clint@ezscaffold.com

615-812-9769


TWICE THE WORK WITH
HALF THE LABOR
DISMANTLE AND REINSTALL
15 MINUTES
EZ SCAFFOLD
MAX. 5,000 LBS



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."

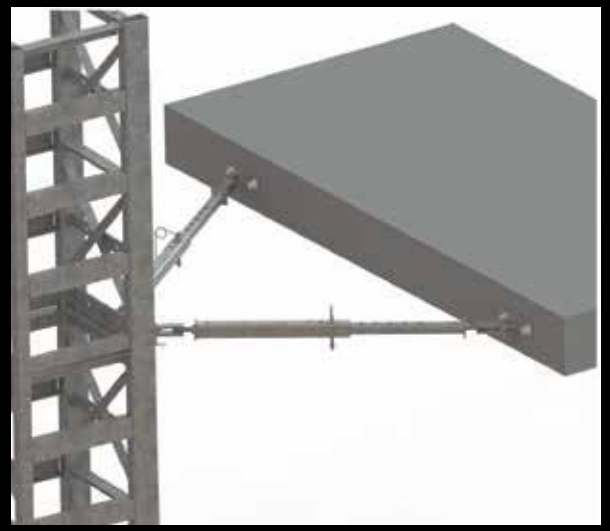
"On all walls, using tower scaffolding increases mason productivity by at least 20%; on Walls with no openings, productivity can increase as much as 35%."

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

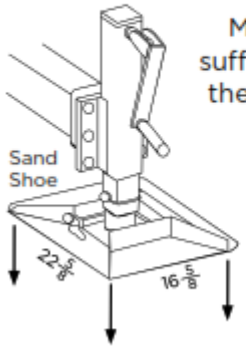
DOES NOT FALL UNDER ANSI 10.8.10.11 REQUIRING PE FOR HEIGHTS OVER 125’

DESIGNED TO SPECIFIC HEIGHTS – EZ IS 550’

MUST CONFIRM FOUNDATION CAN SUPPORT LOAD AND STRUCTURE SUPPORT WALL TIES



SOIL BEARING CAPACITY & BASE LOADS



Soil Bearing Capacity

Make sure that the surface capacity is sufficient to support scaffold according to the following table (load per base plate):

EXAMPLE TO FIND PSI

- Find the sq i.n. of base plate (decimal form)

16.625" x 22.625"= 376.140625 sq.in.

- Divide Lbs per base leg, based on total height to be achieved, by the sq i.n.

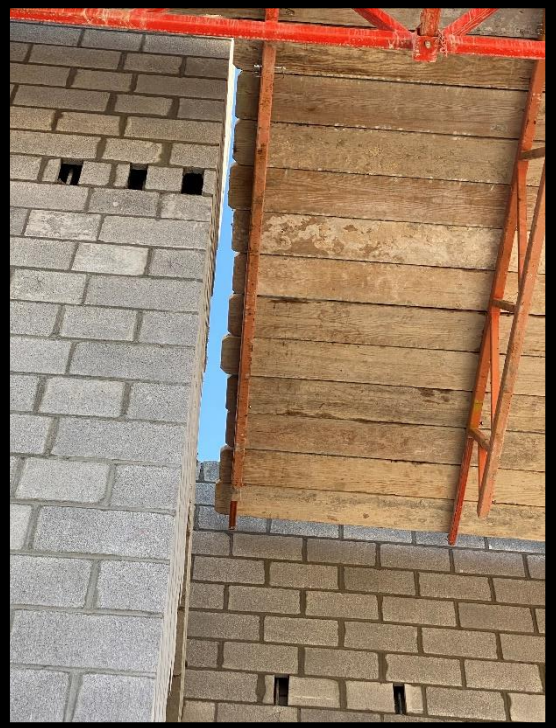
24,000lbs ÷ 376 sq.in. = 64psi

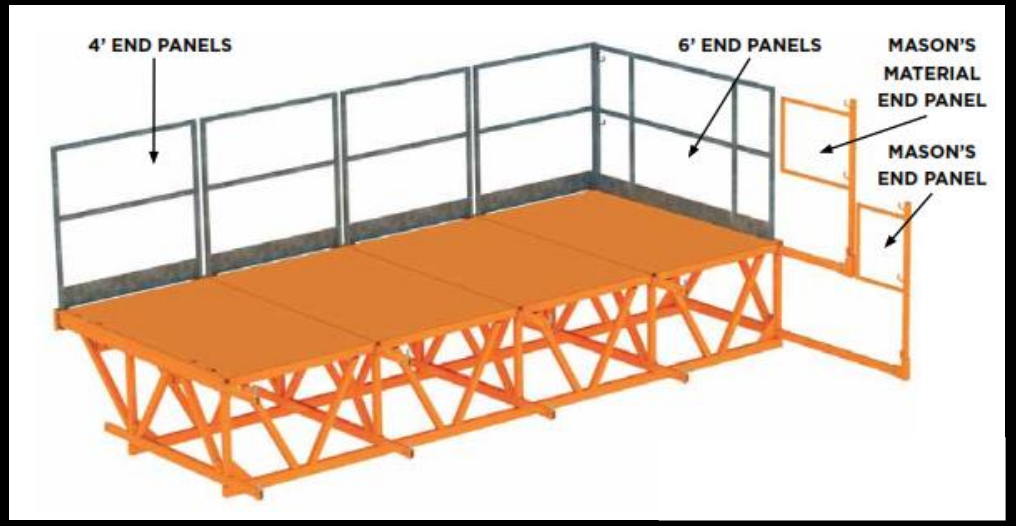
Height in Feet Up to	Lbs per Base Leg
50	19,000
100	21,500
150	24,000
200	26,500
250	29,000
300	31,500
350	34,000
400	36,500
450	39,000
500	41,500

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

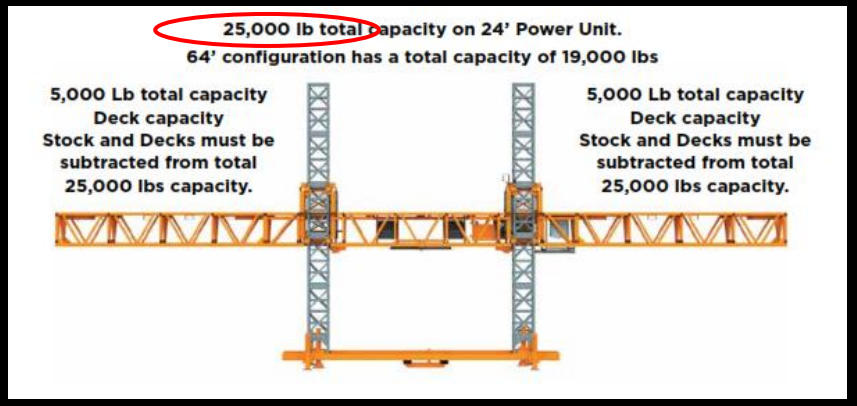
DESIGNED TO SUPPORT PFP?

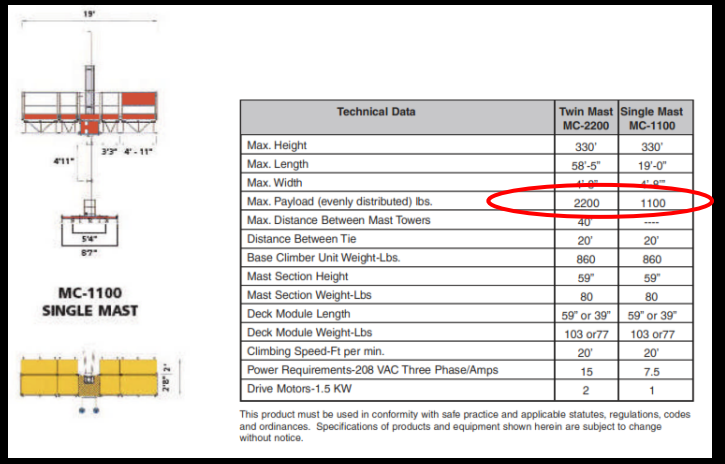
FALLING OBJECT PROTECTION

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	[illegible]	[illegible]
Max. Payload (evenly distributed) lbs.	2200	1100
Max. Distance Between Mast Towers	40'	----
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 or77	103 or77
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.

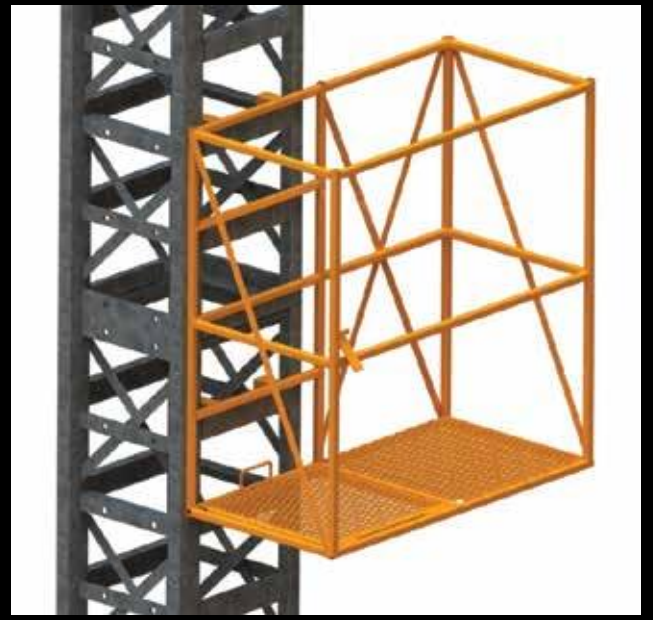
TRANSFERRING MATERIAL FROM PLATFORM TO BUILDING ONLY ALLOWED IF THE WORK IS PART OF THE WORK BEING DONE ON THE PLATFORM

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:_____

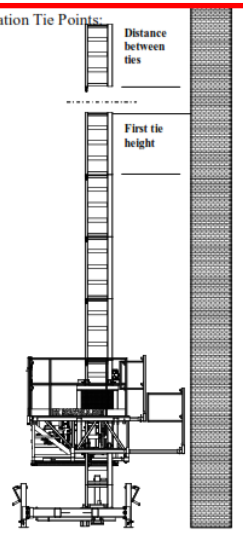
Falling object protection (toe boards etc):_____

Capacity required and material loading procedure:

Inspection and tag procedure/location:

Dismantle procedure:

Elevation Tie Points:



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 list is 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.

EZ SCAFFOLD

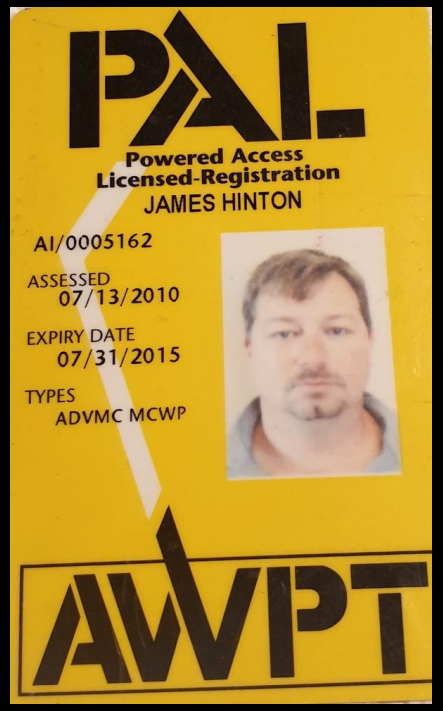
800-699-6831

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:

CERTIFICATION



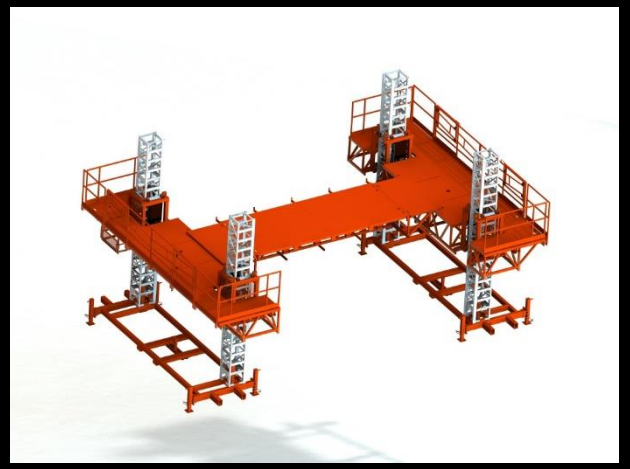
WONDERFUL
TRAINING PROGRAMS
AVAILABLE SUCH AS

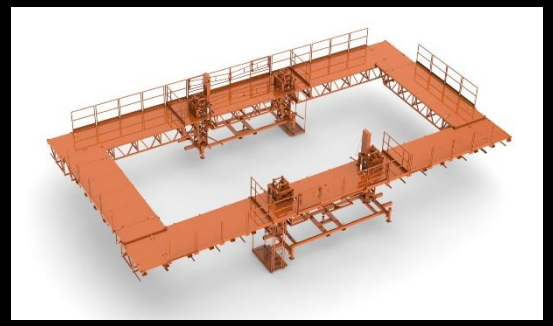
SAIA SCAFFOLD & ACCESS INDUSTRY ASSOCIATION

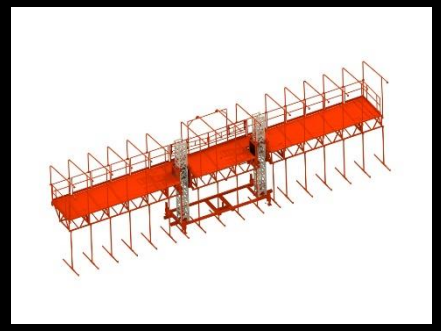
IPAF

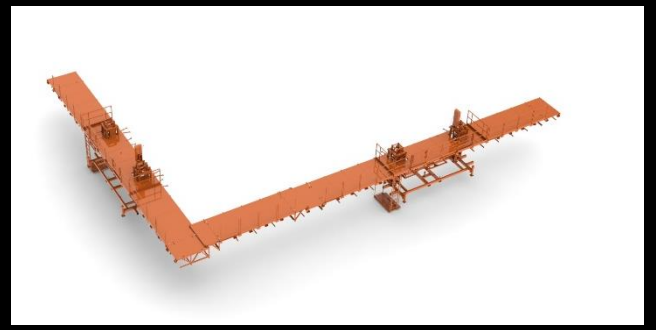
COMPETENT
PERSON/INSTALLER/USER
TRAINING MUST BE
MACHINE SPECIFIC

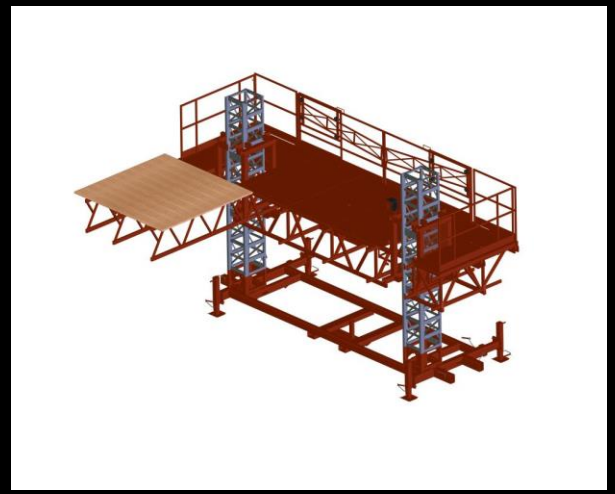
MULTIPLE CONFIGURATIONS

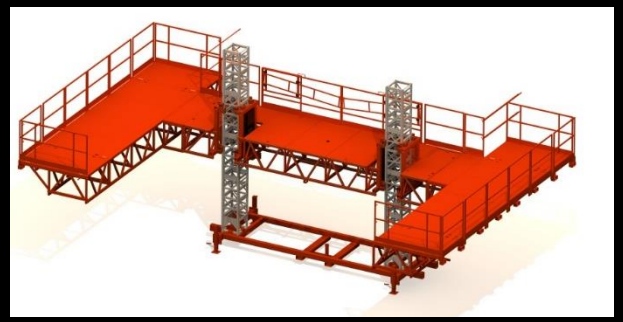


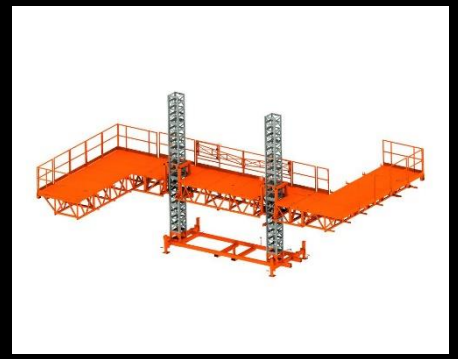


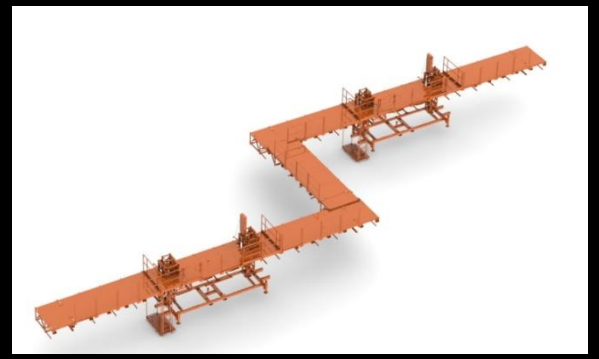












EXTENSION UP TO 13’

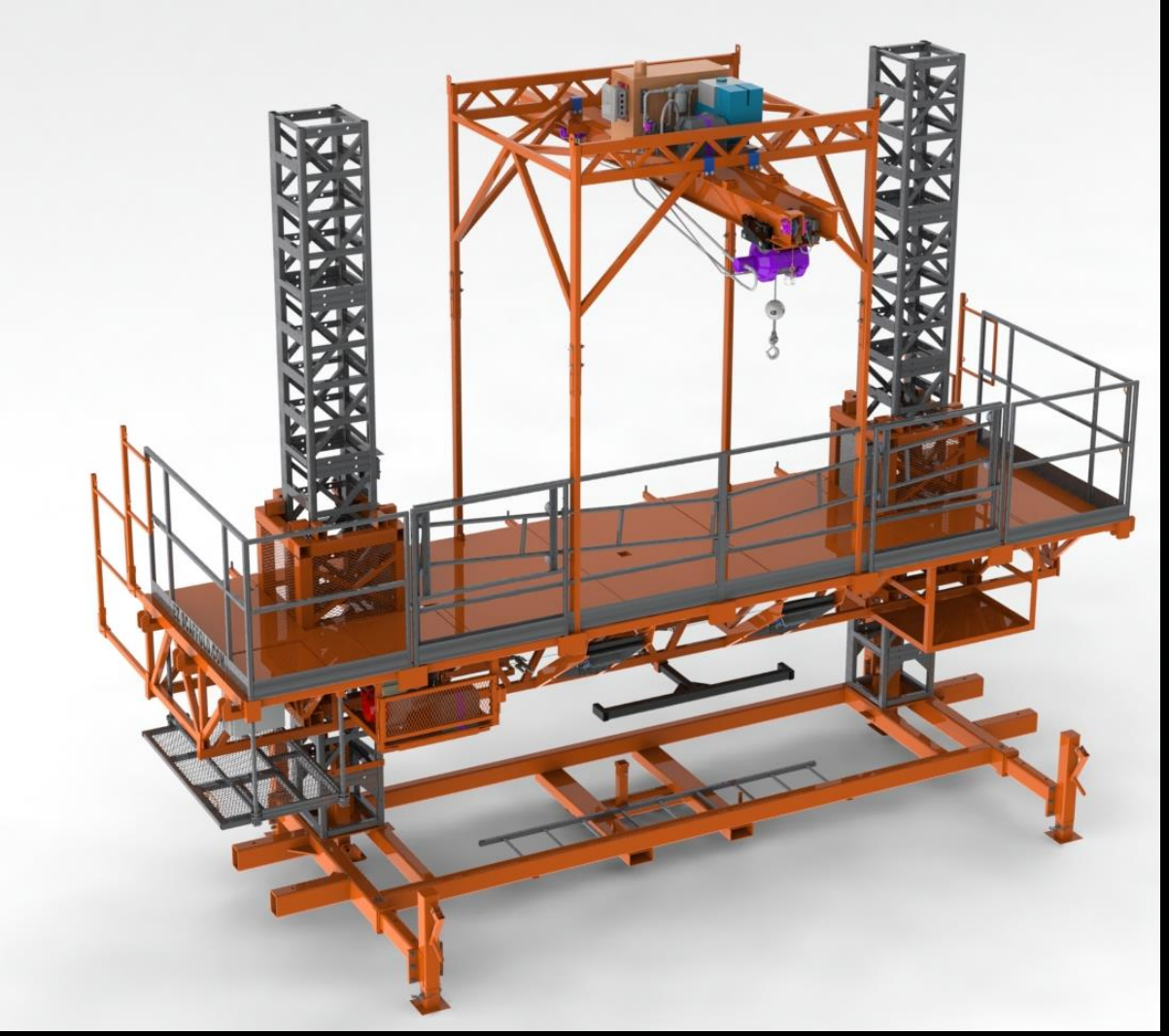
TURN DECK 90 DEGREES WITH STANDARD EXTENSION

MONORAIL

WINTER ENCLOSURE


EXOAIR


Rentals

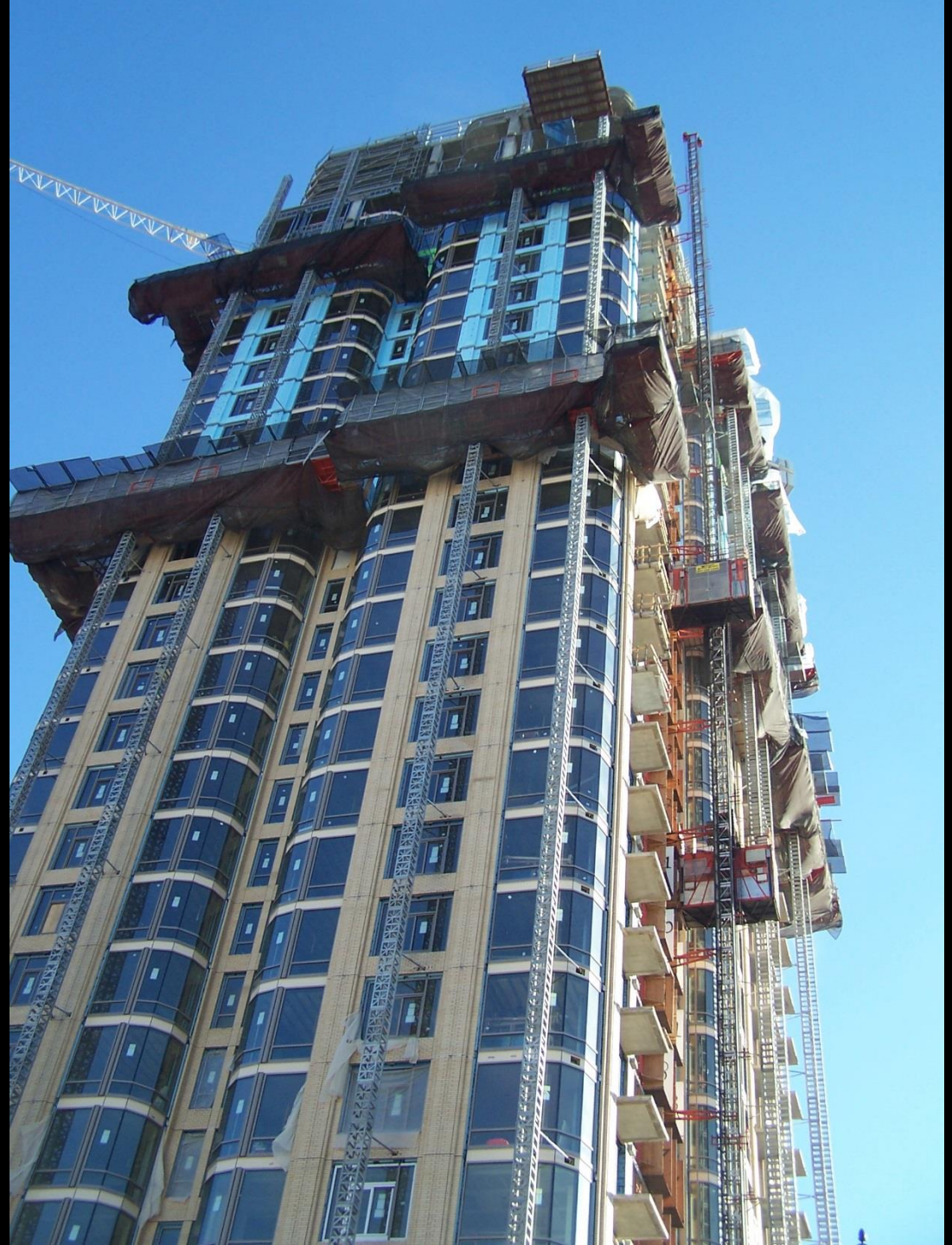


MATERIAL HOIST
4,000 LB
FOR TWIN MAST

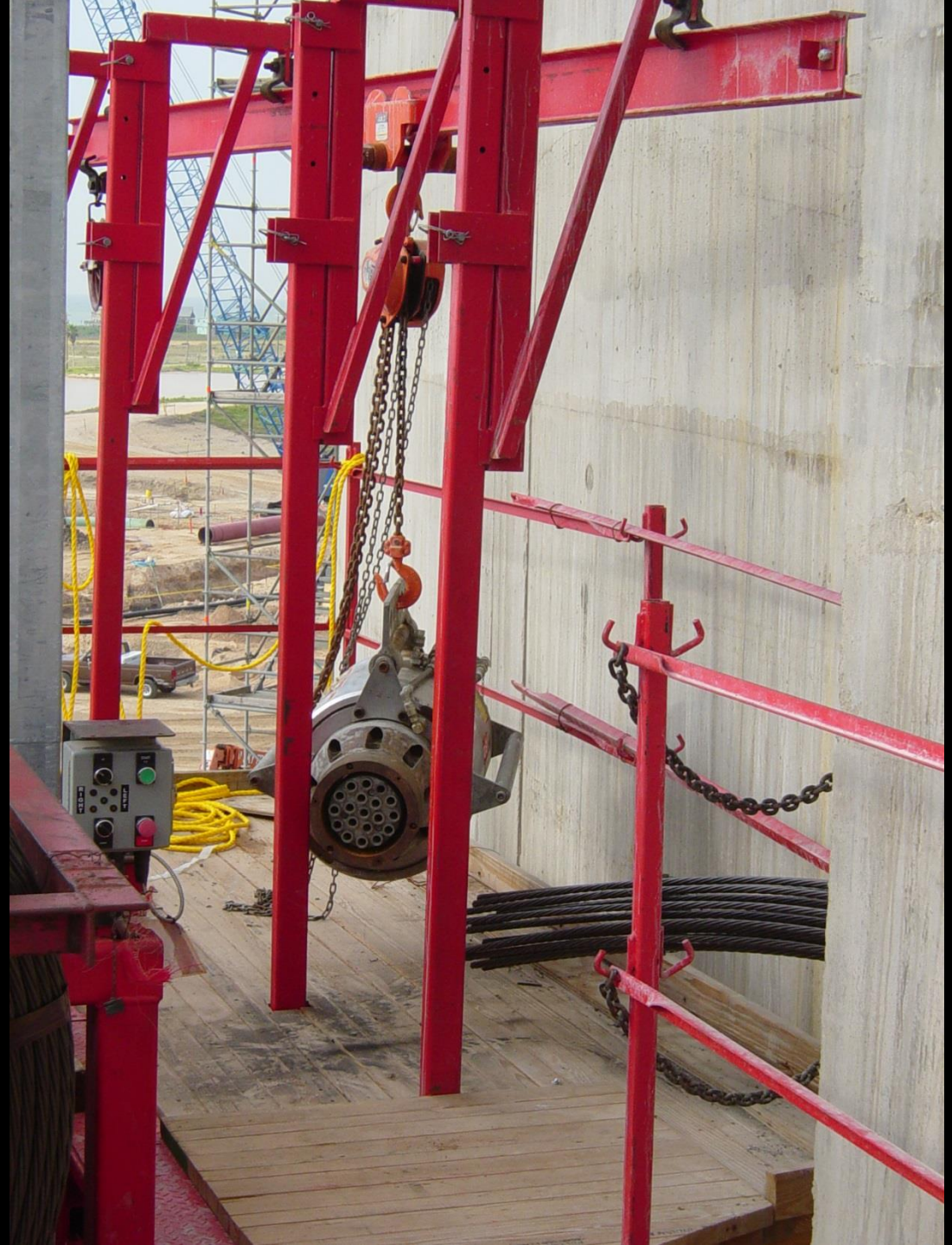

DensGlass


FRAZIER
702.432.2902

BRIDGE BETWEEN UNITS



CHUTES
UP TO
150’ HIGH



SETTING CONCRETE FORMS

LIFTING GANGED FORMS


JCB

ANY QUESTIONS?

Clint Bridges
clint@ezscaffold.com
615-812-9769

MADE IN THE USA