Experience

the Hi-Lite Advantage

Telescopic Aluminum Fly Form System Safety Manual

HI-LITE
ALUMINUM CONCRETE SUPPORT SYSTEMS

THIS ENGINEERING MANUAL IS SUBJECT TO PERIODIC REVISION AND UPDATING. BEFORE DESIGNING ANY SHORING AND FORMING SYSTEM USING HI-LITE SYSTEMS EQUIPMENT, CONTACT HI-LITE SYSTEMS ENGINEERING DEPARTMENT @ 905-677-4032 TO ENSURE YOU ARE USING THE MOST RESENT REVISION OF THIS MANUAL.

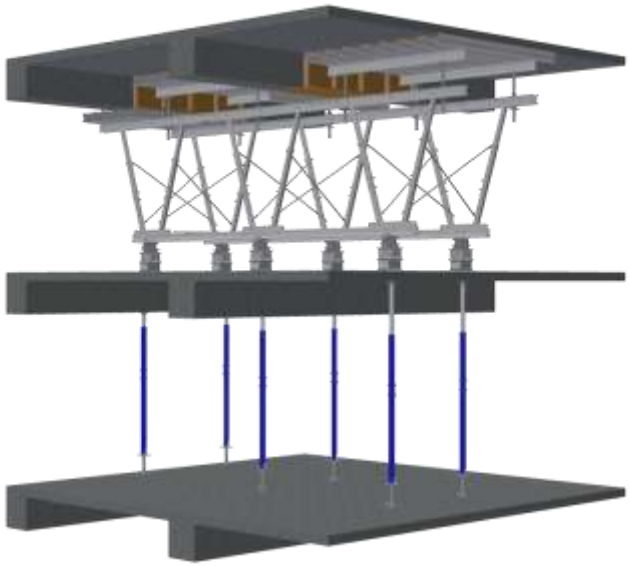
WARNING!

USE OF THIS PRODUCT DATA AND INFORMATION IS FOR THE SOLE AND EXCLUSIVE USE BY TECHNICALLY QUALIFIED INDIVIDUALS WITH APPROPRIATE EDUCATION, TRAINING AND EXPERIENCE, WITH GENERAL FORMING AND SHORING DESIGN PRINCIPLES AND ENGINEERING DESIGN FUNDAMENTALS.

FAILURE TO FOLLOW PROPER PROCEDURE, BOTH AS SET FORTH IN THIS GUIDE AND IN ACCORDANCE WITH APPROVED ENGINEERING PLANS, AND GOOD AND SAFE CONSTRUCITON PRACTICES, CAN LEAD TO DEATH, SERIOUS BODILY INJURY, OR PROPERTY DAMAGE.

THE INFORMATION CONTAINED IN THIS SUPPLEMENT MUST BE CAREFULLY FOLLOWED. FAILURE TO COMPLY WITH THE INFORMATION, GUIDELINES AND SUGGESTIONS IN THIS SUPPLEMENT MAY RESULT IN DEATH, SERIOUS BODILY INJURY OR PROPERTY DAMAGE.

IF YOU ARE IN DOUBT OR IN NEED OF TECHNICAL ASSISTANCE OR ADVICE YOU MUST CONTACT HI-LITE SYSTEMS ENGINEERING.



The Telescopic Aluminum Fly Form System is a ganged or large area formwork system. It is flown with a crane, and may also be used quite successfully as a rolling shoring system. (Consult with Hi-Lite Engineering for design)

This manual is published primarily for our customers, shoring designers and erectors this aluminum shoring system. It is intended *only as a guide* and should be used in conjunction with "generally accepted shoring design and safety regulations" in effect within the area and country of use.

The purpose of this manual is to simplify the understanding and use of the System. Each component of the Telescopic Aluminum Fly Form Systems is described and illustrated in Section I. (General Information). The features and benefits of using the Hi-Lite Telescopic Aluminum Fly Form System are outlined in depth and key elements are cross referenced to particular components.

The Manual in Section II (Assembly and Instructions) covers various setup arrangements of the equipment; the correct use of the system including handling and maintenance of the equipment.

Local authorities and/or a locally registered Professional Engineer should approve all drawing for construction purposes.

Barry & Dave Jackson

HI-LITE SYSTEMS

Telescopic Aluminum Fly Form System Safety Manual

June 2019

INTRODUCTION AND GENARAL GUIDELINES

PURPOSE:

TO PROVIDE TECHNICAL INFORMATION FOR THE PROPER USAGE OF THE HI-LITE'S ALUMINUM TELESCOPIC FLY FORM SYSTEM.

THIS INFORMATION IS INTENDED TO BE USED BY TECHNICALLY QUALIFIED INDIVIDUALS WITH APPROPRIATE KNOWLEDGE OF GENERAL FORMING AND SHORING DESIGN PRINCIPALS AND ENGINEERING DESIGN STANDARDS.

THE TECHNICAL DATA PRESENTED IN THIS MANUAL IS BASED ON THEORETICAL CALCULATIONS AND TESTING. BOTH CALCULATIONS AND TASTING HAD BEEN DONE IN ACCORDANCE WITH APPLICABLE DESIGN STANDARDS.

GENERAL GUIDELINES FOR SAFE USE OF HI-LITE ALUMINUM TELESCOPIC FLY FORM SYSTEM

THE FOLLOWING GUIDELINES ARE INTENDED TO ENSURE THAT DESIGNERS ADDRESS THE FOLLOWING CRITICAL ISSUES WHILE DESIGNING ANY FORMING OR SHORING APPLICATIONS OR OTHERWISE USING HI-LITE'S ALUMINUM TELESCOPIC FLY FORM SYSTEM.

SAFETY

HI-LITE ALUMINUM TELESCOPIC FLY FORM SYSTEM ARE INTENDED ONLY FOR USE BY TRAINED AND EXPIRIENCED WORKERS. MISUSE OR LUCK OF SUPERVISION AND / OR INSPECTION CAN CONTRIBUTE TO ACCIDENTS RESULTING IN PROPERTY DAMAGE, SERIOUS PERSONAL INJURY OR DEATHS.

HI-LITE CAN INSURE THAT EVERY PRODUCT THE MANUFECTURE AND SELL MEETS OR EXCEEDS APPLICABLE PRODUCTION AND SAFETYY REQUIREMENTS. HOWEVER, THE PERFORMANCE OF A PRODUCT CAN BE GREATLY AFFECTED BY THE MANNER IN WHICH THE PRODUCT IS USED. IT IS IMPOTANT THAT THE USER BE INSTRUCTED IN THE PROPER INSTALATION ANS USE OF THE PRODUCT PRIOR TO JOB APPLICATION.

THE AMERICAN CONCRETE INSTITUTE (ACI) PUBLICATIONS, FORMWORK FOR CONCRETE (ACI SP-4) AND GUIDE TO FORMWORK FOR CONCRETE ARE EXCELENT REFERENCE MATERIALS. THESE PUBLICATIONSARE AVAILABLE FROM: www.concrete.org

FOR ADDITIONAL SAFETY INFORMATION, THE USER IS ADVISED TO CONSULT THE DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) ACT, PART 1910 AND 1926. AVAILABLE FROM: www.osha.gov

SAFETY FACTORS

OUR EQUIPMENT ARE CONSTANTLY TESTED TO ASSURE THE USER A HIGH STANDARD OF QUALITY. SAMPLES ARE TESTED IN HI-LITE TEST FACILITIES. THE SAFE WORKING LOADS LISTED IN THIS MANUAL WERE DETERMINED FROM THE RESULTS OF TESTING PROGRAM. THE SAFETY FACTOR APPLIED TO THE PRODUCT IS DEPENDENT ON THE DEGREE OF HAZARD OR RISK INVOLVED IN THE APPLICATION OF THE EQUIPMENT AND JOB SITE CONDITIONS, WHICH CAN OFTEN INCREASE THE DEGREE OF RISK.

CONCENTRATED LOADS, SUCH AS CONSTRUCTION MATERIALS STACKED ON THE FORMWORK, NON-SYMMETRICAL PLACEMENT OF CONCRETE, UPLIFT, IMPACT OF MACHINE DELIVERED CONCRETE, USE OF MOTORRIZED CARTS AND EXTRIME FORMWORK HEIGHT, ARE EXAMPLES THAT PRODUCE HIGH RISK FACTOR.

PLEASE CONSULT ENGINEERING DEPARTMENT OF HI-LITE-SYSTEMS IF YOU HAVE ANY OF THE ABOVE

HI-LITE TECHNICAL ASSISTANCE

IN THE SITUATONS WHERE A CONTRACTOR DOES NOT HAVE A QUALIFIED PERSON ON STAFF, HI-LITE TECHNICAL ASSISTANCE PERSONNEL ARE TRAINED TO PROVIDE SUCH SERVICES.

SHORING SAFETY GUIDLINES

SAFETY COMES FIRST
SAFETY IS EVERYONE'S RESPONSIBILITY

CONSTRUCTION PROJECTS SHOULD BE SAFE WORKPLACE. WORKERS, SUPERVISORS AND EMPLOYERS ARE ALL RESPONSIBLE FOR SAFETY.

OUR COMMITMENT TO A SAFE WORK ENVIRONMENT IS THE PRIORITY OF OUR OPERATING SYSTEM AND OUR SAFETY POLICY, EQUIPMENT SYSTEMS AND DESIGNED TO ENGAGE OUR ENTIRE WORKFORCE IN DELIVERY OF SAFE WORK ON ALL OUR AND OUR PARTNERS / CUSTOMERS PROJECTS.

ON SITE SAFTY DEPENDS UPON THE PROPER ERECTION AND SAFE USE OF SHORING AND FORMING EQUIPMENT.

HI-LITE PRODUCTS ARE DESIGNED TO HELP CONTRACTORS TO INCREASE SAFETY, PRODUCTIVITY AND EFFICIENCY.

ALL OF OUR EQUIPMENT DESIGNED ACCORDING TO NORTH AMERICAN AND INTERNATIONAL STANDARDS.

ALL THE SYSTEMS DESIGN WITH SAFETY FACTOR 2.5:1 FOR THE SHORING AND FORMING AND 4:1 FOR SCAFFOLDING.

HI LITE'S DOCUMENTATION IS CONVENIENT, EASY TO READ AND EASY TO USE. WE WILL SHOW YOU THE RIGHT WAY TO USE AND OPERATE OUR SYSTEMS. IT WILL TELL YOU ALL YOU NEED TO KNOW FOR SAFE AND EFFECTIVE WORK ON JOBSITE.

SAFETY GUIDLINES

- INSPECT ALL THE EQUIPMENT BEFORE USING.
- ALL SHORING LAYOUTS SHOULD BE AVAILABLE AND USED ON CONSTRUCTION SITE ALL THE TIME
- FOLLOW ALL THE INSTRUCTION AND INSPECT ALL SHORING AND FORMING EQUIPMENT FOR CONFORMITY WITH LAYOUT AND SAFETY PRACTICE BEFORE POUR, DURING AND AFTER POUR UNTIL CONCRETE IS SET.
- CONSUILT HI-LITE SYSTEMS IF YOU HAVE ANY QUESTIONS.

HI-LITE INSTRUCTIONS FOR ASSEMBLY AND USE SHOW YOU, IN DETAILS, THE RIGHT WAY TO SET UP AND USE THE FORMWORK AND SHORING SYSTEMS. THIS INFORMATION IS AN IMPORTANT TOOL TO HELP YOU WORK WITH THE HI-LITE EQUIPMENT CORRECTLY.

UNDERSTANDING AND FOLLOWING THESE SAFETY GUIDELINES WILL IMPROVE SAFETY FOR ALL WORKERS ON THE CONSTRUCTION SITE. IF THERE ARE ANY QUESTIONS , OR IF YOU NEED ASSISTANCE IN OBTAINING ADDITIONAL TRANING FOR YOUR EMPLOYEES, PLEASE CONTACT HI-LITE.

ASSEMBLY SAFETY RECOMMENDATIONS

ALL THE ERECTION CREW MUST BE EQUIPPED WITH HARNESSES AND DOUBLE LANYARDS..

THE FOUNDATION MUST HAVE SUFFICIENT STRENGTH TO SAFELY SUPPORT THE ERECTED SHORING TOWERS.

SLOPPED SURFACES MUST BE COMPENSATED FOR BY LEVELING THE AREA BELOW THE BASEPLATES OR BY PROVIDING WEDGES SECURELY ATTACHED TO SILLS. SILLS SHOLD BE 2 in x 10in (50mm x 250mm) WOOD PLANKS OF SUITABBLE LENGTH.

HI-LITE FORMS SAFETY GUIDELINES

ASSEMBLY OF FLY FORMS

1. MAIN CONTRACTOR MUST PROVIDE AN OPEN AND LEVELED AREA OF AT LEAST 12.0M X 12.0M (40' X 40') DIMENSIONS FOR ASSEMBLING EACH FLY FORM BEFORE MOVING TO EXACT LOCATION.

2. FLY FORM ASSEMBLY ON ITS EXACT POSITION IS APPLICABLE ONLY WHEN THE FLY FORM IS SITTING ON THE GROUND LEVEL OR WHEN THE FLY FORM BEING ASSEMBLED NOT LESS THAN 2.0M (6.5') AWAY FROM THE SLAB.

3. WORKERS MUST WEAR SAFETY BELTS WHEN WORKING ABOVE 2.0M (6.5') AND MAST BE PROPERLY ANCHORED.

FLYING AND INSTALLATION OF FLY FORMS

1. MAKE SURE THAT THE FOLLOWING ITEMS ARE AVAILABLE AND IN GOOD WORKING CONDITIONS.

   TO BE PROVIDED BY MAIN CONTRACTOR:
   A. LIFTING BELTS
   B. SAFETY BELTS
   C. 4 PCS OF 1.0" X 32' (10m) NYLON ROPE AS GUIDE ROPES.

   TO BE PROVIDED BY SUPPLIER
   A. MECHENICAL JACK DOLLY
   B. 4x4 FORM MOVERS
   C. ROLLOUT ROLLERS

2. LIFTING BELTS SHOULD BE INSPECTED BEFORE EVERY USE.
3. CHECK FLY FORM IF IT'S CLEAR OF DEBRIS OR ANY KIND OF LOOSE MATERIALS THAT COULD POSSIBLY FALL DOWN.
4. TIGHTEN LOOSE BOLTS OR CLIPS.
5. SECURE THE WEDGE UNITS HANGING ON THE HOOKS PROVIDED ON THE TRUSS

HI-LITE FORMS SAFETY GUIDELINES

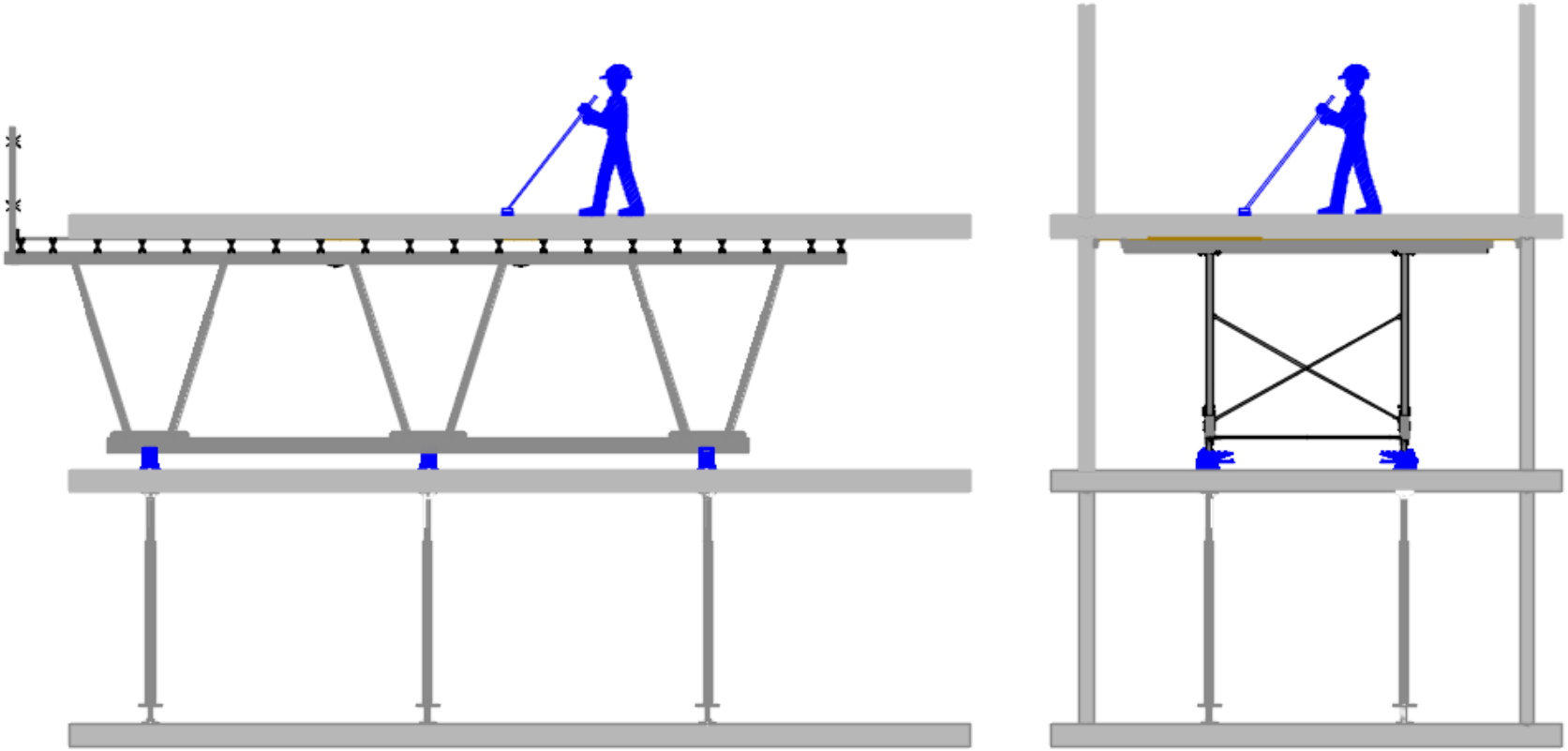
8. MAKE SURE THAT THE AREA DIRECTLY BELOW STRIPPING THE FLY FORM TO BE FLIED OUT IS BARRICADED AND **"DANGER"** SIGHS WERE PLACED.
9. GUIDE/CONTROL ROPES MUST BE READY AND TIGHTENED TO THE COLUMNS BEFORE PUSHING OUT THE FLY FORM OFF THE BUILDING
10. CLEAN THE LENDING AREA OF THE FLY FORM OF ANY OBSTRUCTION.
11. INSTALL ALL WEDGE UNITS AND BLOCKS BEFORE APPLYING ANY LOAD.
12. FLY FORMS ARE DESIGNED WITH CANTILEVERS, MAKE SURE THAT ANY LOAD APPLIED DURING SETTING IS IN MIDSPAN OF THE FLY FORM AND WILL NOT CAUSE THE FLY FORM TO OVER TURN.

STRIPPING OF THE FLY FORMS

1. CHECK THAT CASTED SLAB REACHES REQUIRED STRENGTH BEFORE STRIPPING.
2. REMOVE ANY OBSTRUCTIONS THAT CAN PREVENT FLY FORM IN LOWERING.
3. CHECK JACK DOLLYS AND ROLLOUT ROLLERS FOR ANY FAULTY BEFORE USING.
4. LOWER FLY FORM AND THEN REMOVE ALL FILLERS AND BEAM SIDINGS. THESE COULD POSSIBLY FALL DOWN WITHOUT NOTICE AND CAN INJURE ANYBODY.
5. WORKERS WORKING NEAR EDGE OF THE OPENINGS SHALL PUT SAFETY HARNESS SECURED TO LIFELINE AT ALL TIME.
6. CHECK FLY FORM TOPS OF IF IT'S CLEAR OF DEBRIS OR ANY KIND OF LOOSE MATERIALS THAT COULD POSSIBLY FALL DOWN DURING FLYING.

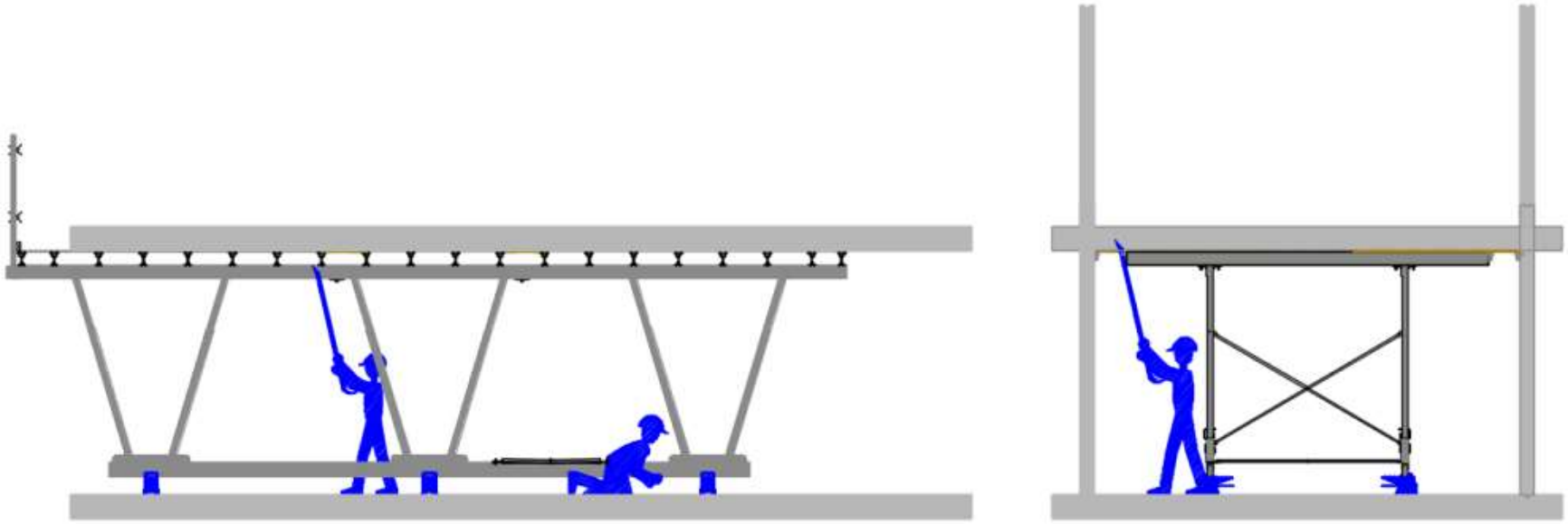
UNDERSTANDING AND FOLLOWING THESE SAFETY GUIDELINES WILL IMPROVE SAFETY FOR ALL WORKERS ON THE CONSTRUCTION SITE. IF THERE ARE ANY QUESTIONS , OR IF YOU NEED ASSISTANCE IN OBTAINING ADDITIONAL TRANING FOR YOUR EMPLOYEES, PLEASE CONTACT HI-LITE.

HI-LITE TELESCOPIC FLY FORMS SAFETY PROCEDURE



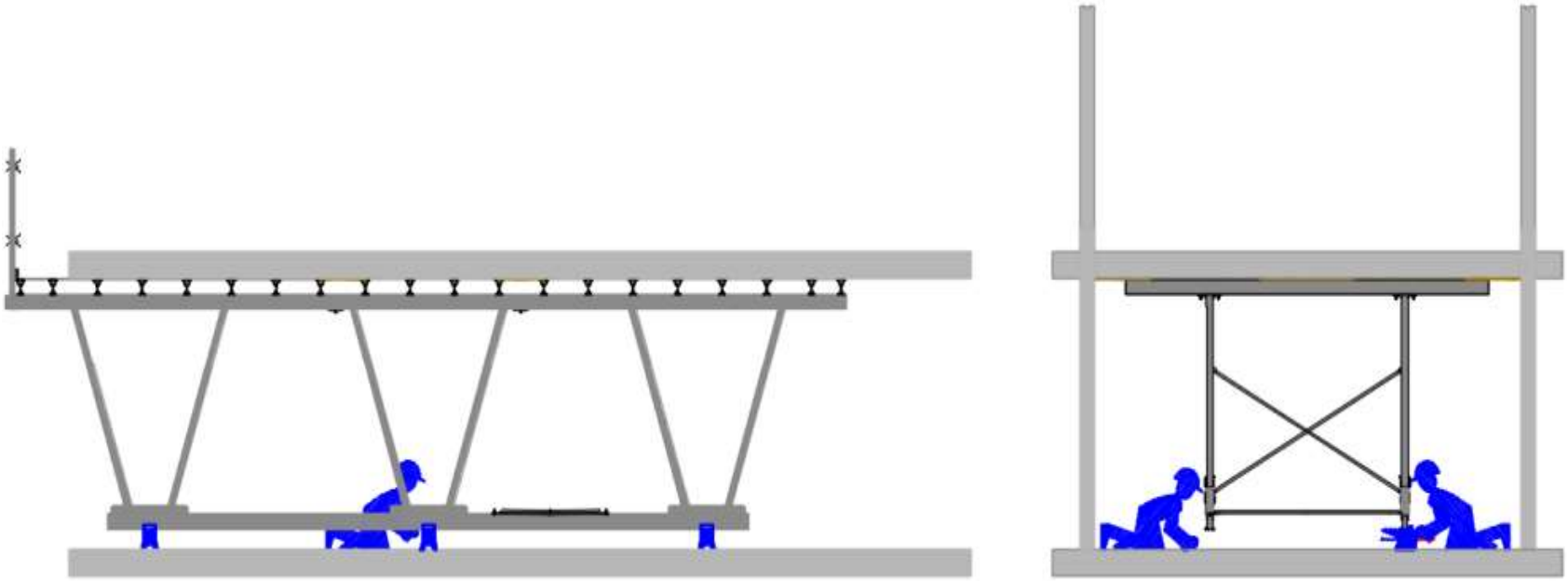
STEP 1. CLEAN SLAB

CLEAN THE AREA (BAY) WHERE THE FLY FORM WILL BE FLOWN TO. A CLEAN WORKING AREA, REDUCE INJURIES, REDUCES WORKING AND CRANE TIME, SPEEDS UP THE ENTIRE PROJECT



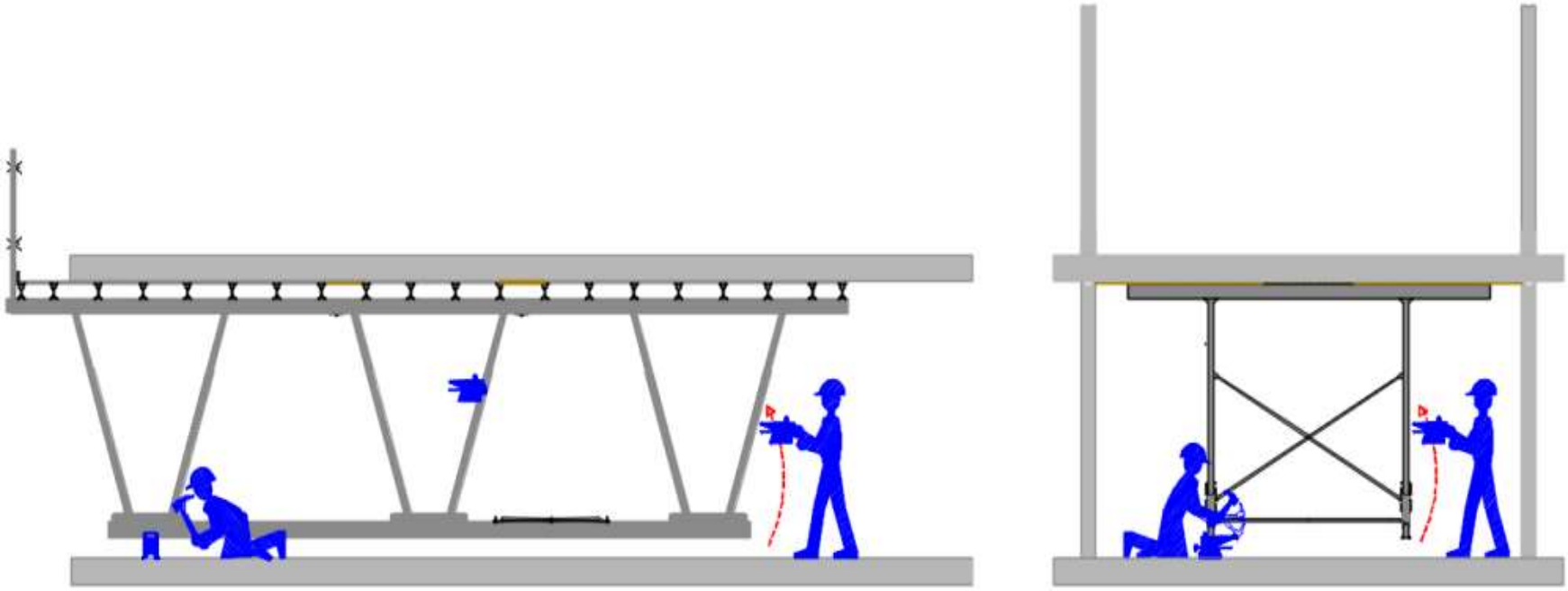
STEP 2. PREPARE TRUSS

PREPARE THE FLY FORM FOR STRIPPING. REMOVE ANY SIDE TIMBERS. MARK THE POSITION OF EVERY WEDGE UNIT, THIS WILL MARK THE POSITION OF THE RESHORING POST SHORES FOR THE FLOOR ABOVE



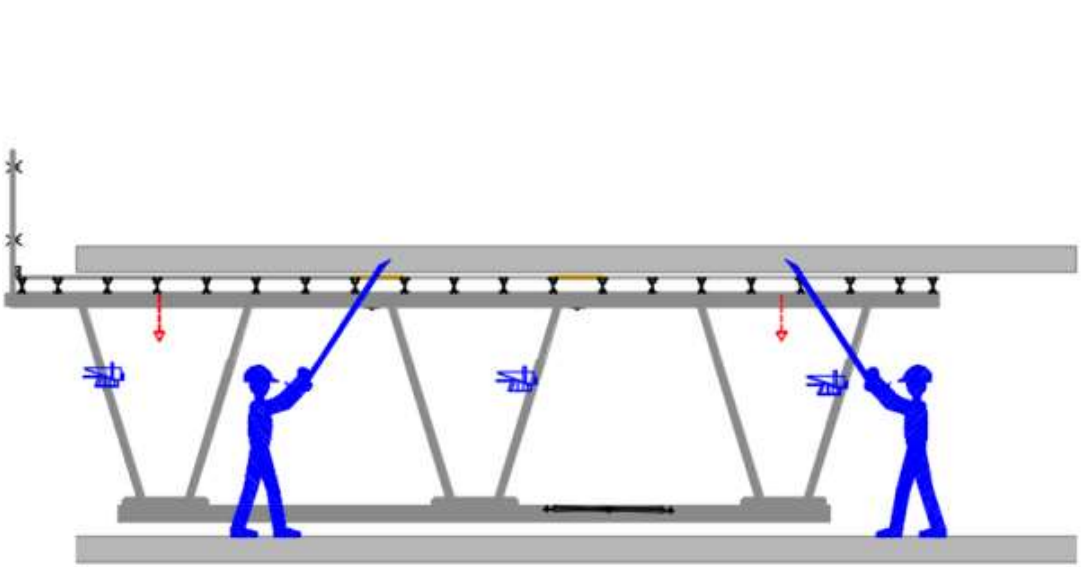
STEP 3. LOOSEN WEDGES

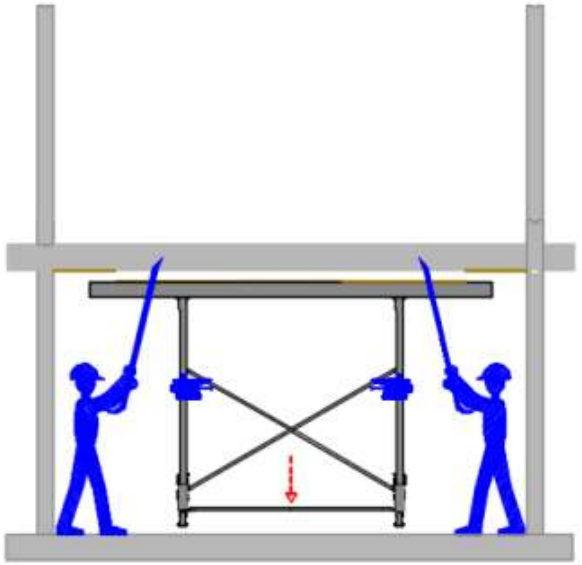
LOOSEN THE RETAINING SCREW ON THE WEDGE UNITS AND REMOVE THEM FROM UNDER THE BOTTOM CHORD. START ON THE MIDDLE OF THE TRUSS AND THEN THE ENDS. IF YOU ARE USING A TRIPLE TRUSS REMOVE THE WEDGE UNITS FROM THE CENTRE TRUSS NEXT.



STEP 4. REMOVE WEDGES

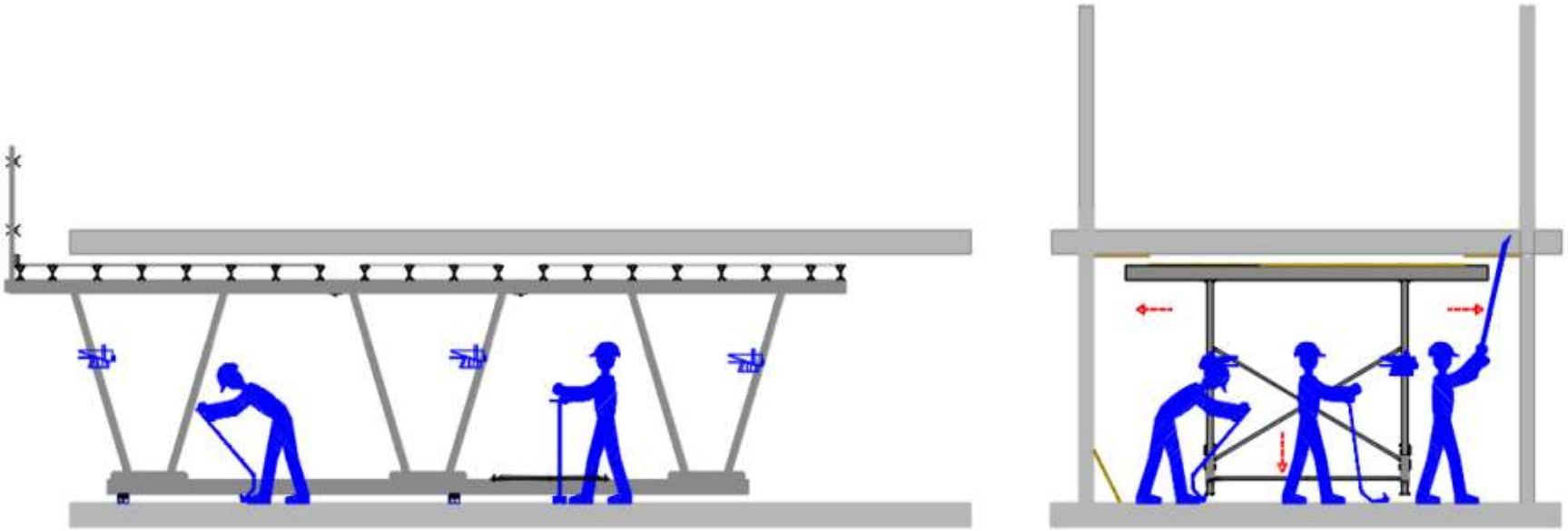
REMOVE THE REMAINDER OF THE WEDGES UNITS AND HANG THEM ON THE WEDGE UNIT HOOKS





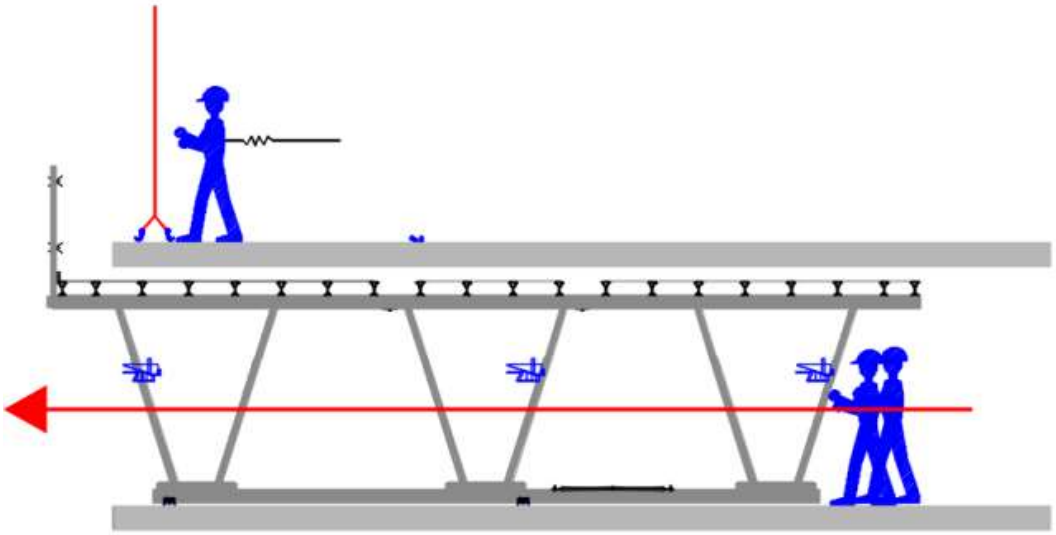
STEP 5. LOWER TRUSS TO BLOCKS

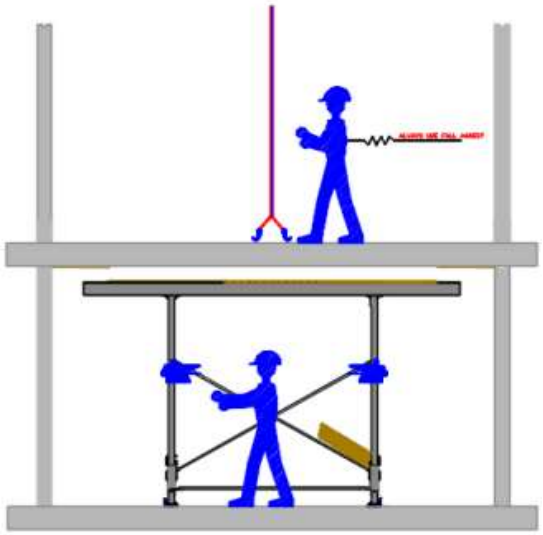
IF THE FLY FORM STICKS TO THE CONCRETE ABOVE, IT CAN BE PRIED OFF USING CROW BARS. AT THIS TIME ALSO REMOVE THE PLYWOOD COVERING THE PICK POCKETS.



STEP 6. REMOVE FILLER STRIPS

REMOVE THE FILLER STRIPS THAT SURROUND THE FLY FORM AND NESTLE THEM BETWEEN THE CROSS BRACES AND THE TRUSS AND SECURELY FASTEN THEM FOR FLYING.

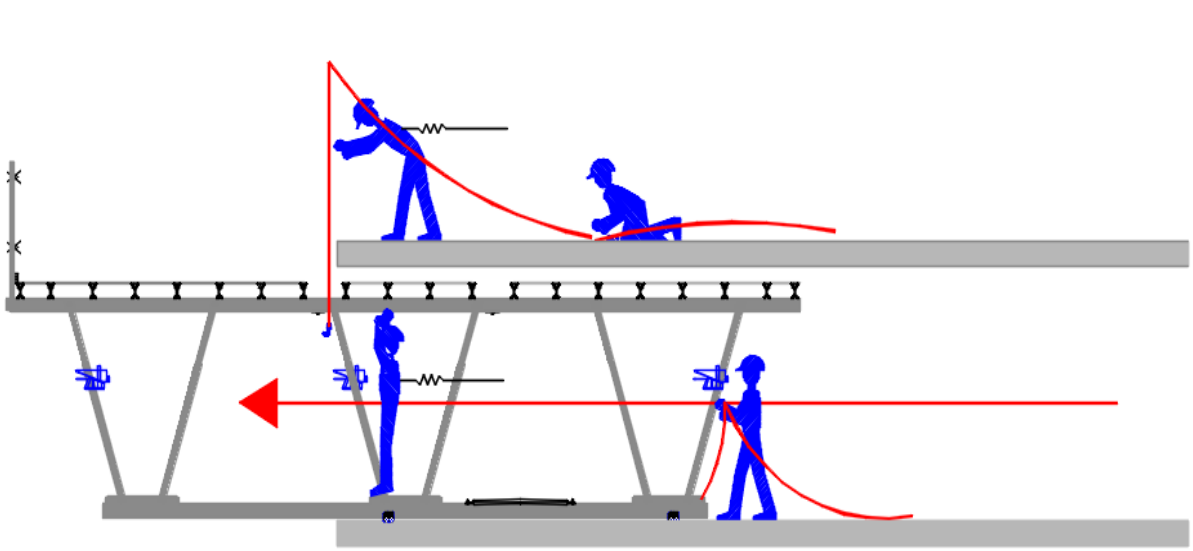


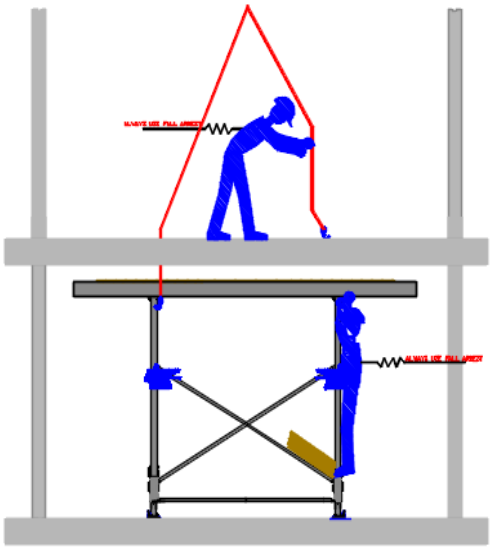


STEP 7. ROLL TO POSITION 1

WHEN READY TO FLY TAKE TWO FLY FORM ROLLOUT ROLLERS AND PLACE THEM UNDER THE LOWER CHORD NEAR THE EDGE OF THE SLAB ABOUT 3' BACK. USE A 4X4 FORM MOVER TO RAISE THE FORM. PLACE ONE OR TWO MORE ROLLERS ALONG EACH OF THE CHORDS.

DO MAKE SURE THAT ALL WORKERS GOING NEAR THE SLAB EDGE ARE USING SAFETY HARNESSES THAT ARE SECURELY FASTEN TO THE BUILDING NOT TO THE FLY FORM.

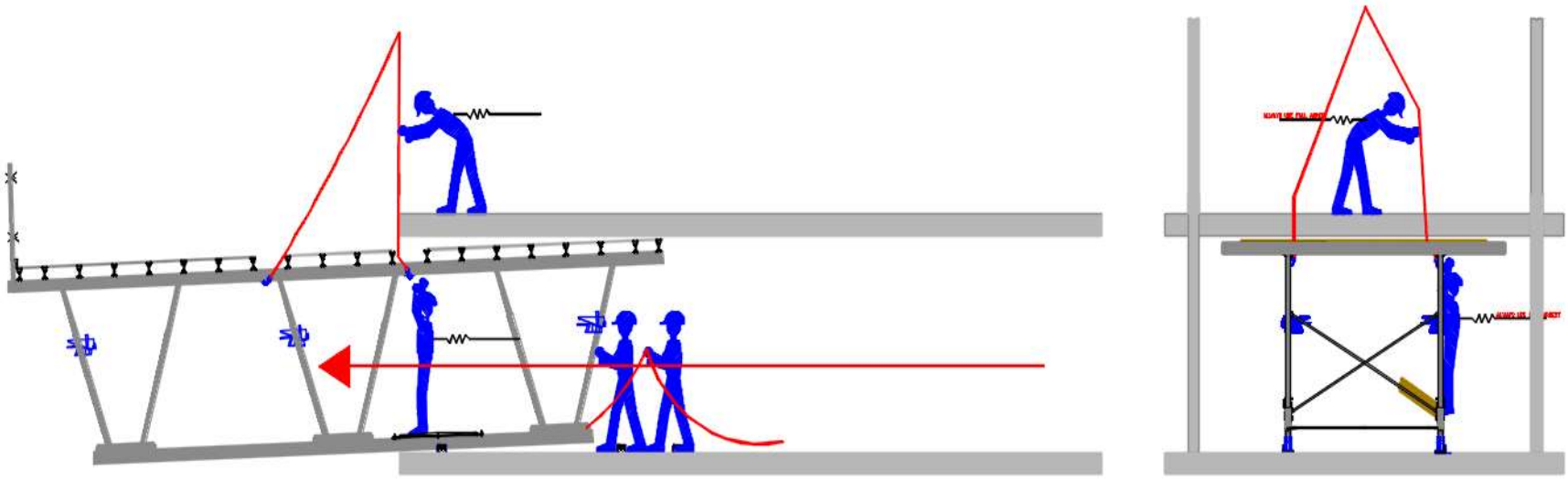




STEP 8. REMOVE WEDGES

WHEN THE FLY FORM IS IN FLYING POSITION CALL THE CRANE. USE THE STANDARD 4 EQUAL LENGTH CRANE CHAINS PREFERABLE WITH SAFETY HOOKS. SEPARATE THE CHAINS, TWO FOR THE FRONT AND TWO FOR THE BACK. SECURELY TIE A ROPE AROUND THE BACK CHAINS. ATTACH TWO CRANE CHAINS TO THE FIRST TWO PICK BRACKETS.

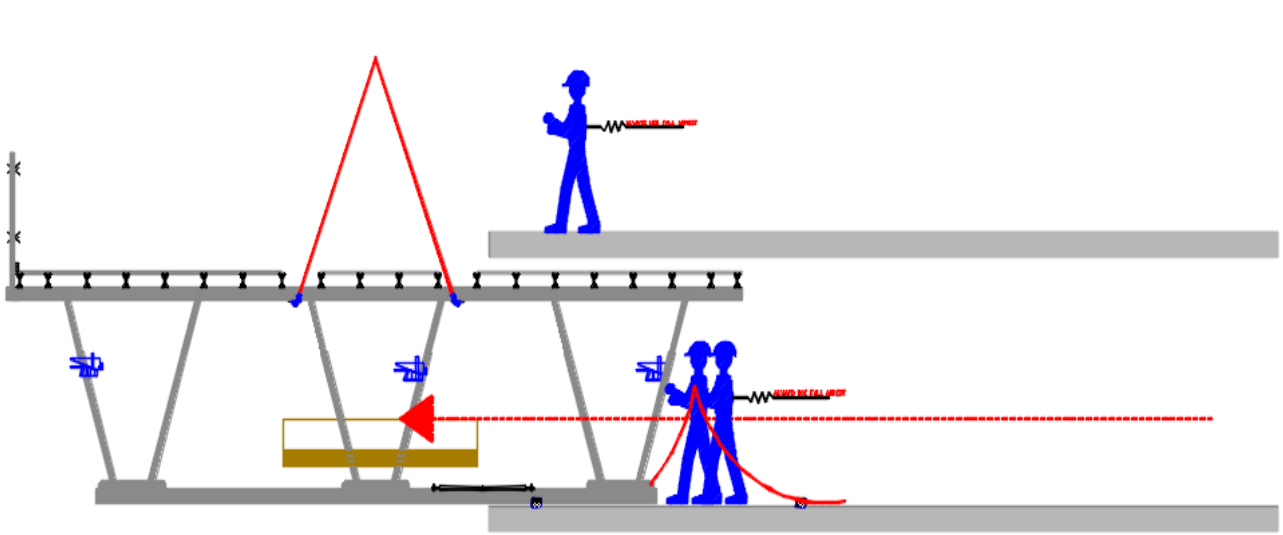
NOTE: NEVER ROLL OUT ANY FORM FURTHER THAN NECESSARY.

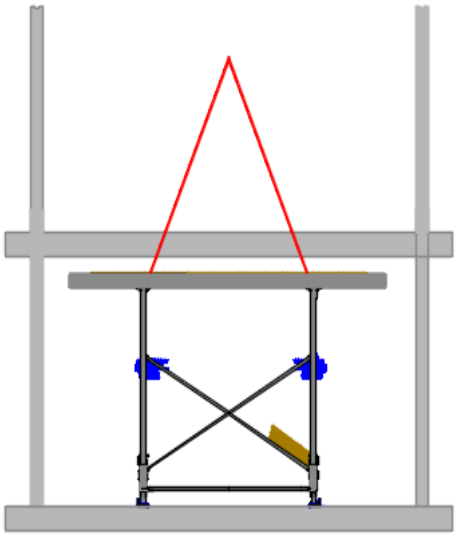


STEP 9. ROLL TO PSITION 2

AFTER THE REAR SET OF PICK BRACKETS ARE EXPOSED TO THE SLAB ABOVE, HAVE THE CRANE SET DOWN THE FLY FORM.

USE THE ROPE THAT IS SECURELY FASTENED TO THE REAR CRANE CHAINS AND PULL THEM IN, AND ATTACH THE CHAINS TO THE REAR PICK BRACKETS.

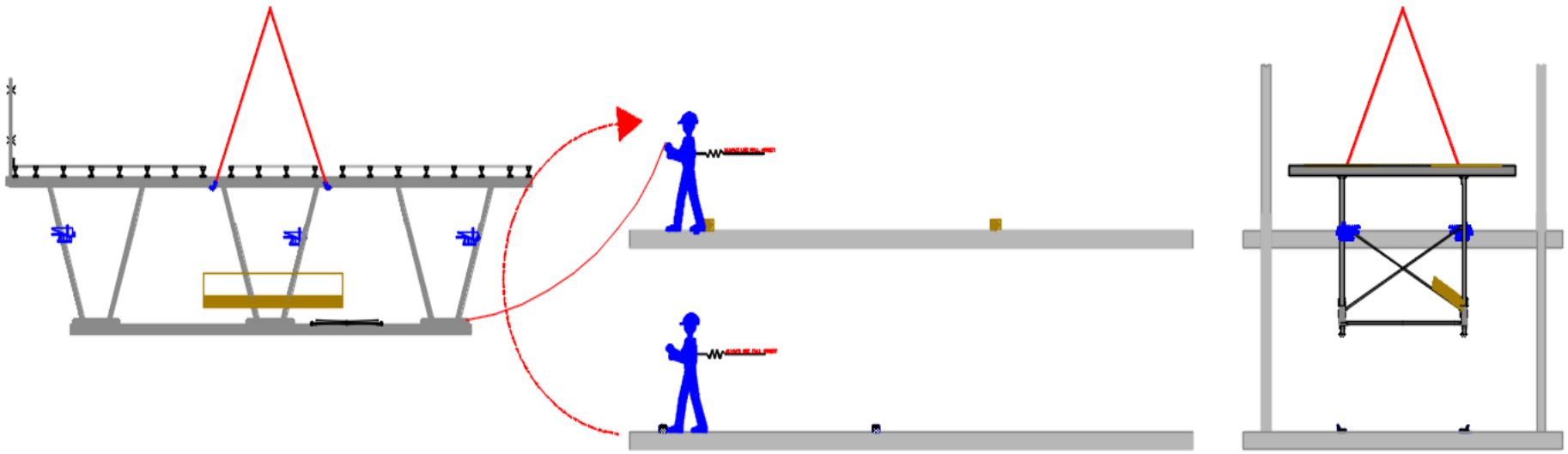




STEP 10. FLY

CENTRE THE CRANE BETWEEN THE PICK BRACKETS AND RAISE THE CHAINS UNTIL THE FLY FORM IS LEVEL. THE FORM IS NOW READY TO FLY.

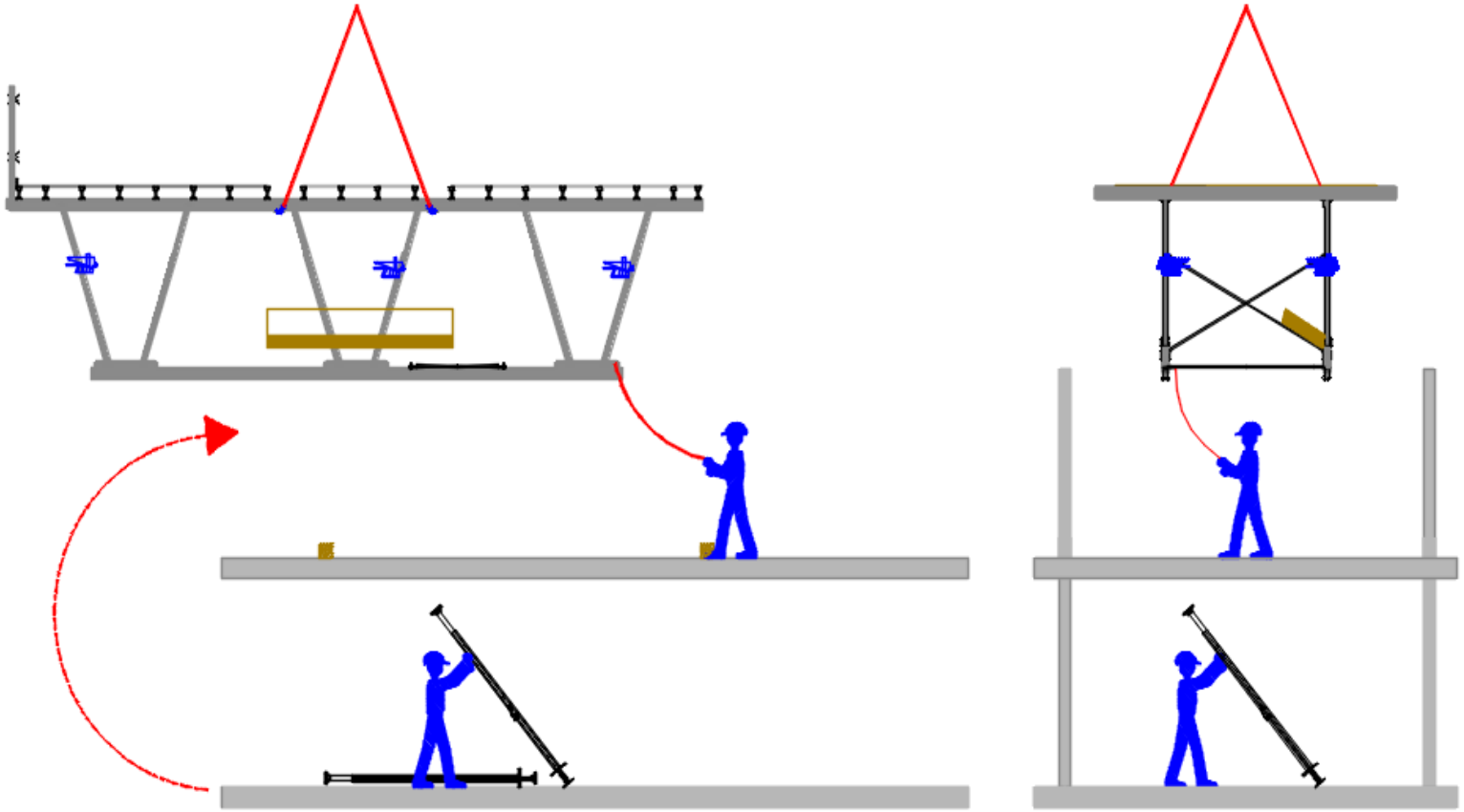
NOTE: NEVER ROLL OUT ANY FORM FURTHER THAN NECESSARY, FOR SAFER HOOKING, FLYING AND LESS STRAIN ON THE SLAB EDGE AND FORM.



STEP 11. PREPARE SLAB

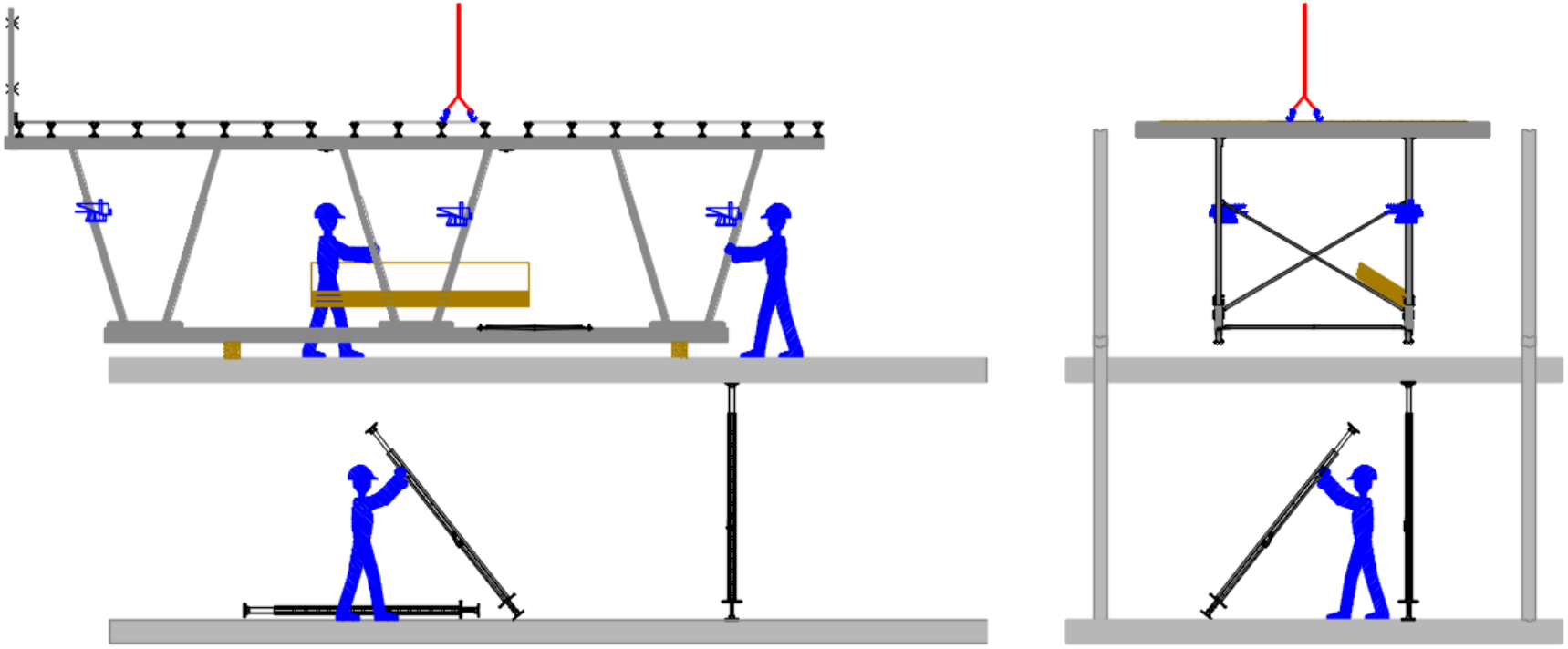
BEFORE THE FLY FORM IS FLOWN, LAY FOUR (4) BLOCKS ON THE SLAB WHERE YOU INTEND TO PLACE THE FLY FORM. POSITION THESE BLOCKS CROSSWISE (PERPENDICULAR) TO THE FORM'S BOTTOM CHORDS, AT APPROXIMATELY 1/3 OF THE WAY FROM EACH END OF FORM.

HI-LITE TELESCOPIC FLY FORMS SAFETY PROCEDURE



STEP 12. PREPARE TO LAND ON SLAB

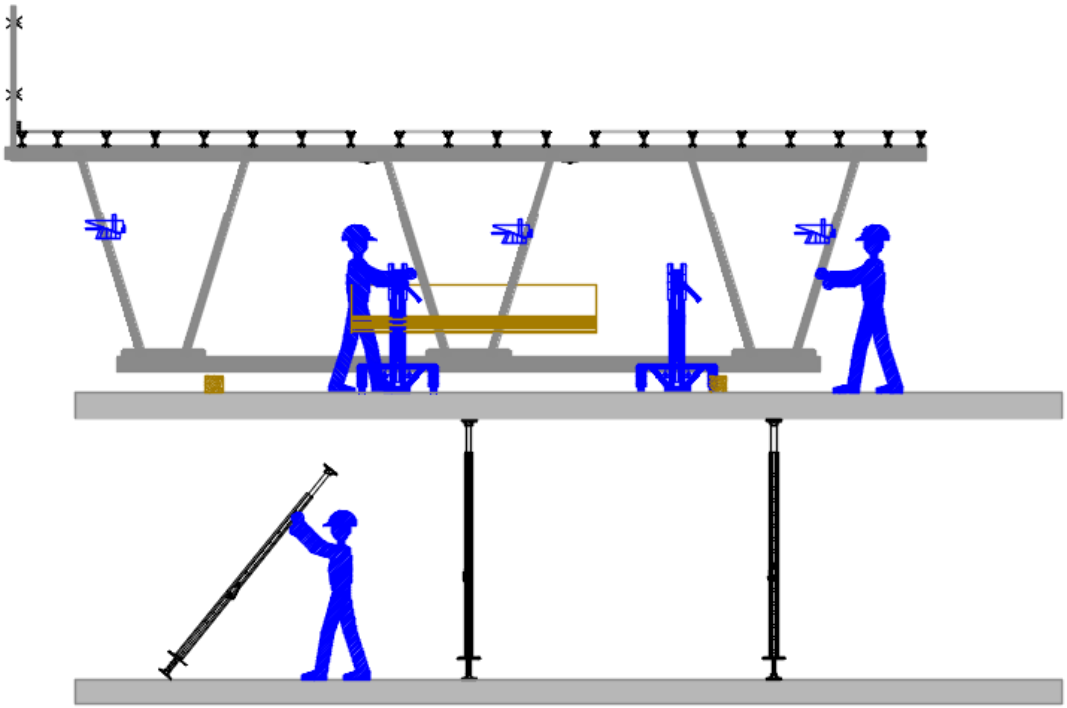
PLACE THE FLY FORM ON THE WOOD BLOCKS AS FAST AS SAFELY POSSIBLE AND RELEASE THE CRANE. AS SOON AS THE FLY FORM CLEARS THE LOWER FLOOR, START SETTING UP YOUR RESHORING. IF USING HI-LITE ALUMINUM POST SHORES ONLY ONE POST SHORE IS REQUIRED UNDER EVERY WEDGE UNIT.

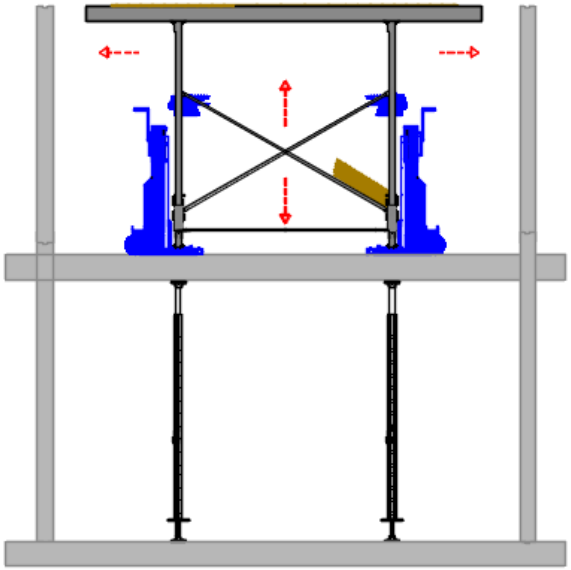


STEP 13. RELEASE CRANE

RELEASE THE CRANE AS FAST AS POSSIBLE, IF MORE THAN 10MIN OF CRANE TIME IS USED PER FLY FORM, PLEASE REVIEW YOUR PROCEDURES. 5 TO 7 MINUTES IS OPTIMUM.

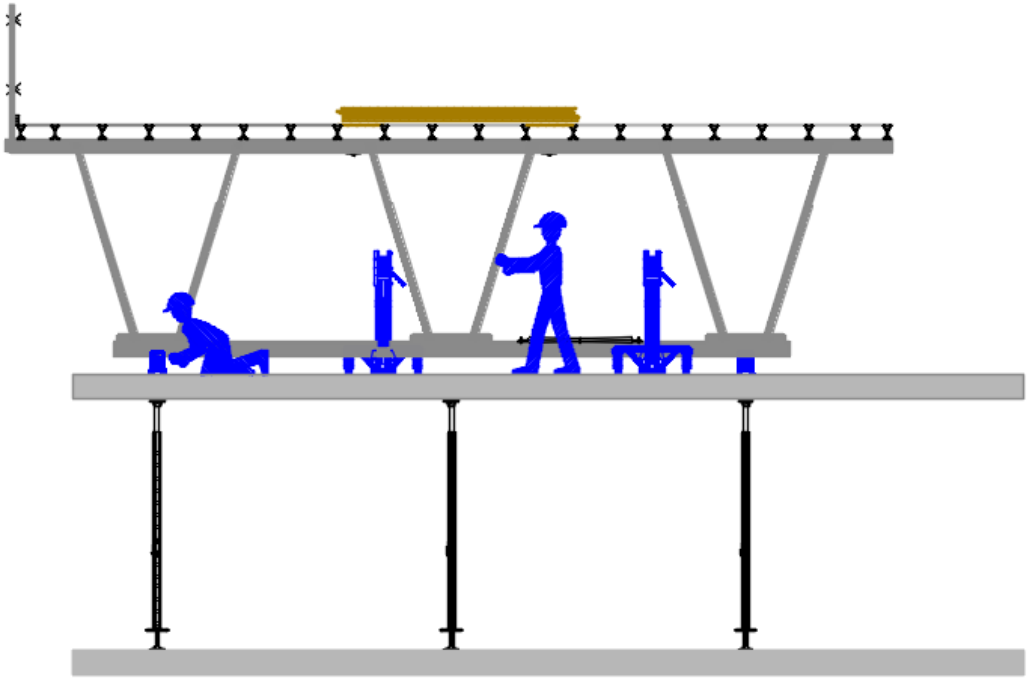
HI-LITE TELESCOPIC FLY FORMS SAFETY PROCEDURE

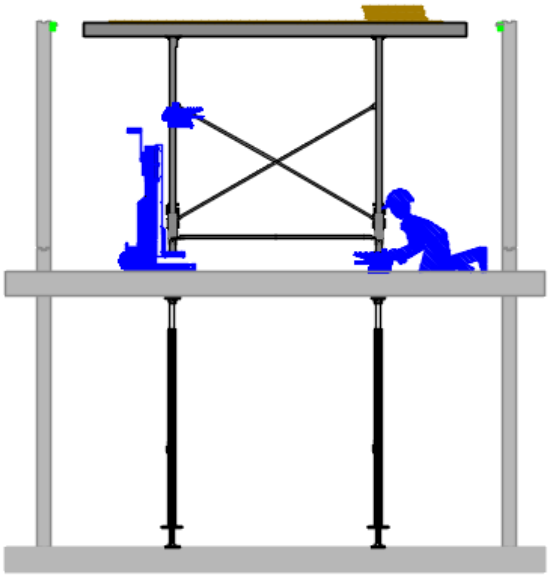




STEP 14. POSITION WITH MOVING EQUIPMENT

PLACE FOUR HI-LITE HYDRAULIC JACKS UNDER THE LOWER CHORD NEAR THE CLOSEST "V" INTERSECTIONS TO 1/3 OF THE WAY FROM EACH END AS TO NOT INTERFERE WITH THE PLACEMENT OF THE WEDGE UNITS. PUMP UP THE JACKS SO THAT THE FORM IS SLIGHTLY OFF THE BLOCKS AND MOVE THE FORM TO THE EXACT POSITION.

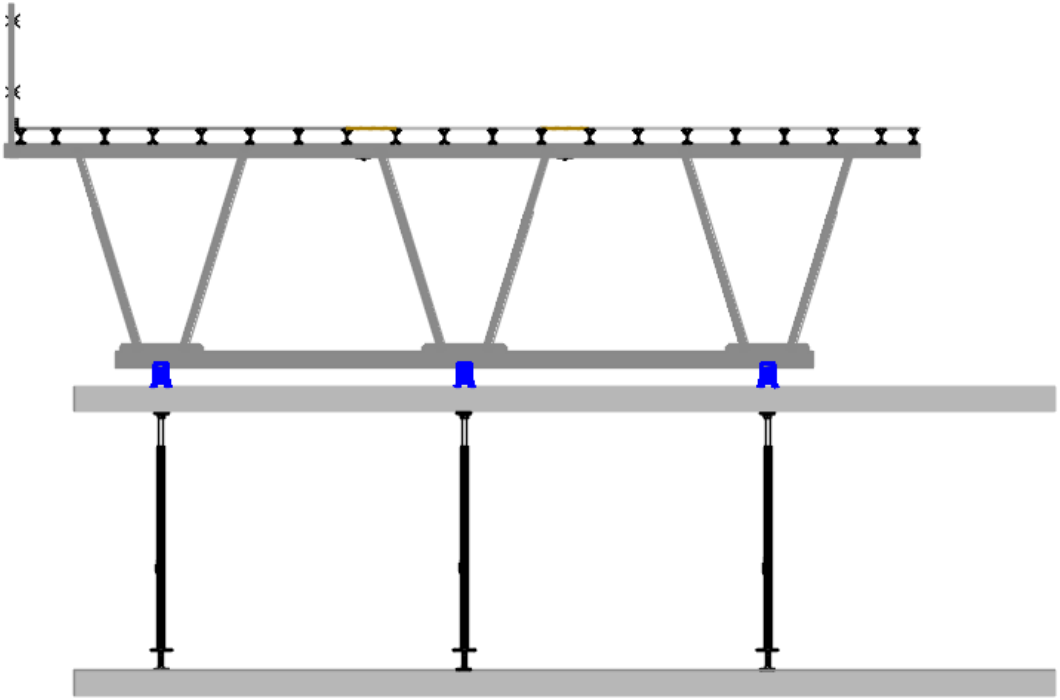


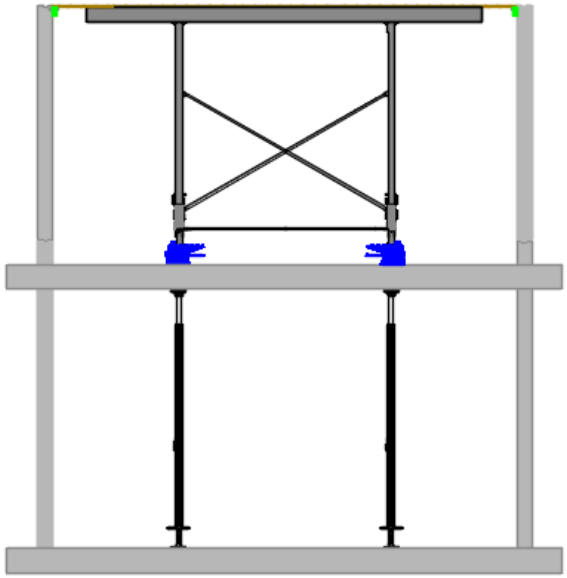


STEP 13. RELEASE CRANE

PUSH THE TOP OF THE FOUR WEDGE UNITS IN BY FOOT UNTIL TIGHT OR UNTIL THE DESIRED HEIGHT IS ACHIEVED, WHICH COULD BE SLIGHTLY HIGHER THAN THE FINAL SETTING. ADJUST OR LEVEL THE FORM BEFORE SETTING THE REST OF THE WEDGES. AFTER THE 4 WEDGE UNITS ARE SET AND LOCKED, PLACE AND SET THE REST OF THE WEDGE UNITS (ONE UNDER EVERY "V" INTERSECTION).

NOTE: NO LEVELING SHOULD BE NECESSARY WHEN PLACING THESE UNITS IF THE FORM IS PROPERLY LEVELED WITH THE FIRST FOUR WEDGE UNITS. ENSURE THAT ALL WEDGE UNITS ARE IN PLACE PRIOR TO LOADING THE FORM. MOVE THE FOUR RESTING BLOCKS TO RECEIVE THE NEXT FORM.





STEP 16. FINISHED

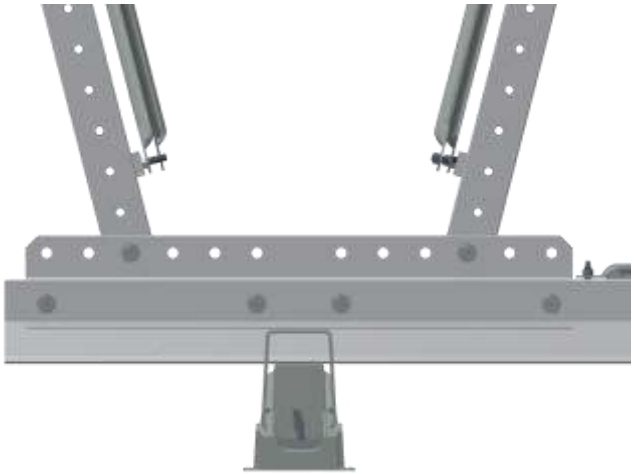
FOLLOW THE SAME PROCEDURES ON THE NEXT FORM. ONCE A ROUTINE IS ESTABLISHED MANY HOURS OF CRANE AND LABOR TIME WILL BE SAVED.

WEDGE UNITS AND BLOCKING SAFETY PROCEDURE

FFWDG
FLY FORM WEDGE UNIT
WEIGHT 9.6 kgs (21 lbs)

WEDGE UNIT ARE USED TO PROVIDE FINE HEIGHT ADJUSTMENT TO THE FLY FORM TRUSS, IN PLACE OF FLIP JACKS. THE WEDGE HAS AN ADJUSTABLE HEIGHT FROM 152MM (6”) UP TO 228MM (9”).

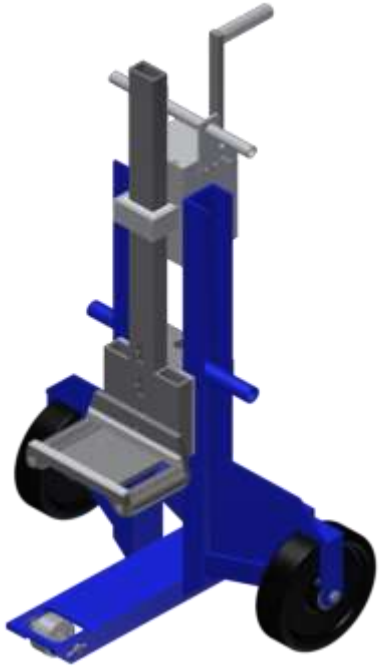
THE CENTRE POSITION – WHERE DIAGONAL STRUT MEETS.

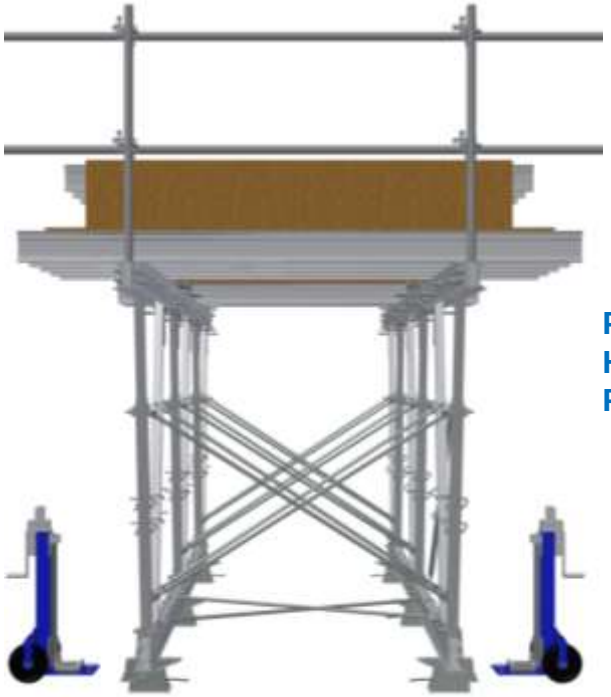


INSTALL WEDGE UNIT AS CLOSE TO THE TRUUS AS POSSIBLE

WEDGE UNIT SHOULD BE LOCATED EXACTLY IN THE CENTRE POSITION – WHERE DIAGONAL STRUT MEETS.

MECHANICAL JACK DOLLY SAFETY PROCEDURE





POSITION OF HANDLE FOR LOW SPEED

MECHANICAL JACK DOLLY FMMJD

WEIGHT 36.3 kgs (80.0 lbs)

MECHANICAL JACK DOLLY RAISE OR LOWER THE TRUSS FROM 533 mm (21”) DOWN TO 90 mm (3.5”).
THE JACK DOLLIES ENABLE THE FORM TO BE EASILY MOVED IN ANY DIRECTION FOR EXACT POSITIONING AND QUICK LEVELING.

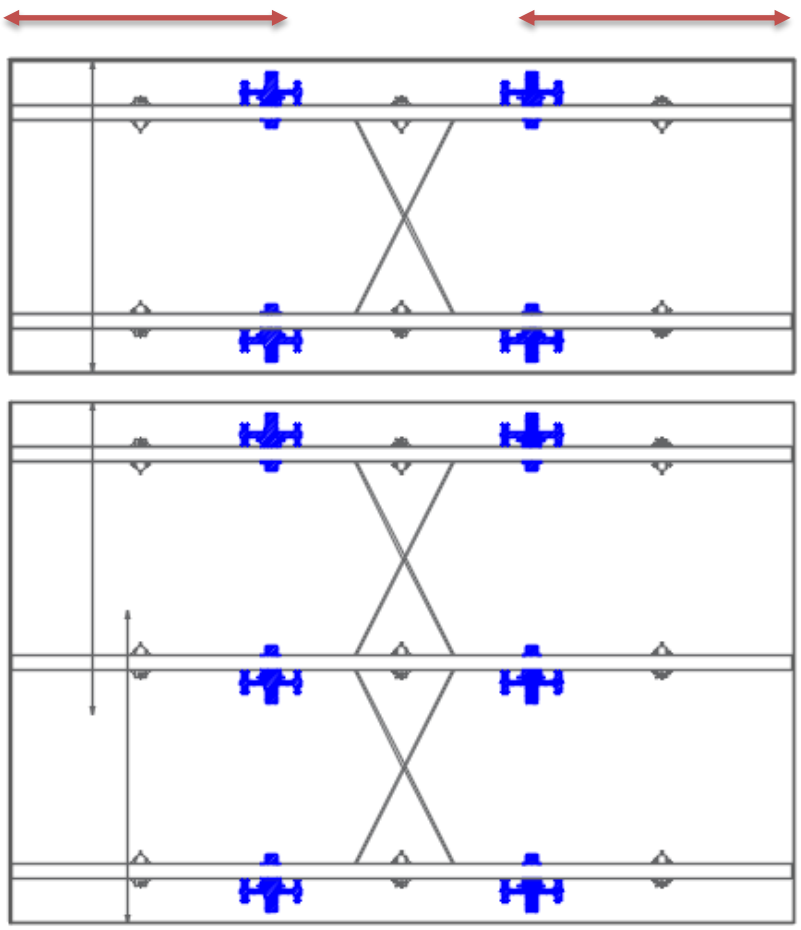
CAPASITY:

LOW SPEED: 1134 kgs (2500 lbs) SAFETY FACTOR 2 : 1
HIEGH SPEED: 227 kgs (500 lbs) SAFETY FACTOR 2 : 1

POSITION OF HANDLE FOR HIEGHT SPEED

MECHANICAL JACK DOLLY SAFETY LOCATION
FLY FORMS 50’ OR LESS

1/4 -1/3 of FLY FORM: DEALLY 1/ WAY BETWEEN WEDGE UNITS



FOR TWO TRUSS FLY FORM
50’ LONG OR LESS USE FOUR
MECHANICAL JACK DOLLIES
FOR THREE TRUSS FLY FORM
50’ LONG OR LESS USE SIX MECHENICAL
JACK DOLLIES

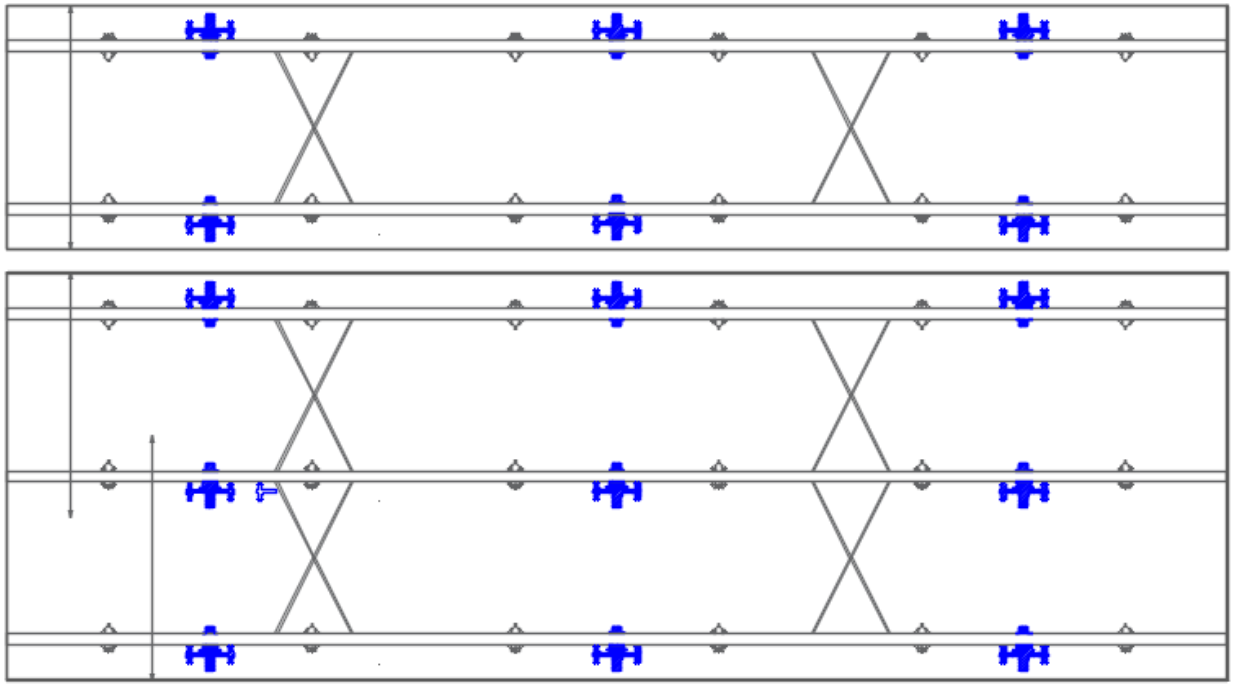
FOR TWO TRUSS FLY FORM MORE THAN
50’ LONG USE SIX MECHANICAL JACK
DOLLIES
FOR THREE TRUSS FLY FORM MORE
THAN 50’ LONG USE NINE MECHANICAL
JACK DOLLIES

MECHANICAL JACK DOLLY SAFETY LOCATION
FLY FORMS LONGER THAN 50’

APPR. 1/2 of FLY FORM: IDEALLY ½ WAY BETWEEN WEDGE UNITS

APPR. 1/4 of FLY FORM: IDEALLY ½ WAY BETWEEN WEDGE UNITS

APPR. 1/4 of FLY FORM: IDEALLY ½ WAY BETWEEN WEDGE UNITS



Sales and Manufacturing Facilities

HI-LITE SYSTEMS / JASCO SALES INC
Mississauga, Ontario, Canada
+1-905-677-4032

TARGET HI-LITE
Abu Dhabi, United Arab Emirates
+971-2-6727452

SHOR-SCAF USA INC.
Las Vegas, Nevada, U.S.A.

HI-LITE CHINA
Tianjin, China

HI-LITE INDIA
Chennai, India

Supported by five regional offices.

Hi-Lite products are utilized by contractors in over thirty countries around the world.

Experience

the Hi-Lite Advantage.

Experience the Hi-Lite Advantage.

Call 1-877-HILITE-1 (1-877-445-4831) to request a demonstration of our Hi-Lite Aluminum Systems.

Hi-Lite Systems International Inc.
1680 Bonhill Road
Mississauga, Ontario
Canada L5T 1C8

Tel: 1-905-677-4032
Toll-free: 1-877-HILITE-1 [North America] (1-877-445-4831)
Fax: 1-905-677-4542
Web Site: www.hi-lite-systems.com
E-mail: hilite@hi-lite-systems.com