

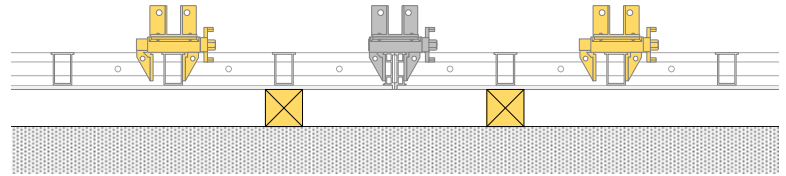
ALIGNMENT BAR & STACKING CLAMP INSTALLATION

(SHEET 1 OF 1)

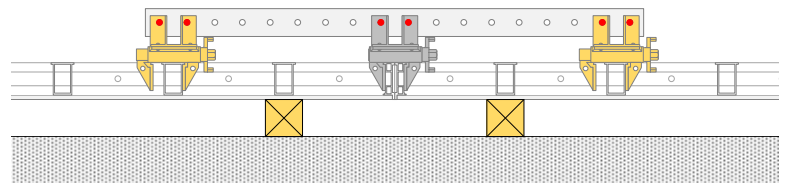
Alignment Bar Stacking Assembly Installation Guidelines

- Use the Alignment Bar Stacking assembly for taller / heavier formwork gang to maintain panel straightness when lifting from vertical to horizontal positions.
- The first step is to layout all panels for a gang in the desired configuration on top of wood blocking or other level surface.
- In areas specified by the design, install a Clamp / Two-Way Clip assembly near the center of the panel joint between two stacked panels, and tighten the clamp using a claw hammer or 12" long section of rebar. (See Figure 1., Step1.)
- Place two more Clamp / Two-Way Clip assemblies loosely on inner rails 2' above and below the center clamp assembly, keeping all the assemblies in a straight line (See Figure 1., Step 1.)
- Place the Alignment Bar inside the Two-Way Clips on all three clamp assemblies. Pin the Alignment Bar to all three Clamp Two-Way Clip assemblies using both tethered pins attached to each assembly (See Figure 1., Step 2.)
- Snuggly hand tighten the other two clamps, above and below the center clamp. There is no need to overtighten the other clamps to achieve the desired stiffness (Figures 1., Step 3. & 4.) . If tightening the other clamps are desired, use a ratchet with hex socket to tighten all other clamps to no more than 50 ft-lb torque.

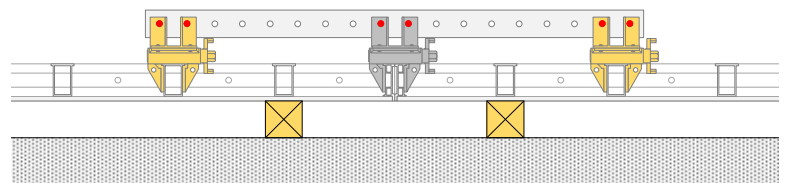
Note: all components must be inspected for cracks, broken welds or any other visible defects prior to each use. Replace all components that are deemed to be unsafe for use.



Step 1. Place All Clamp / Two-Way Assemblies Into Position & Tighten Center Clamp At Panel Joint ONLY With Claw Hammer or 12" Long Rebar. Leave Other Clamps Loose



Step 2. Drop In Alignment Bar & Insert Both Pins Through Two-Way Clips & Alignment Bar On All Clamps



Step 3. Hand Tighten Left & Right Clamps To Complete the Installation Of The Assembly

Figure 1. Alignment Stacking Assembly Installation Sequence

Stacking Clamp Installation Guidelines

- Use the Stacking Clamp for shorter formwork gangs or when lifting lighter formwork gang to maintain panel straightness when lifting from vertical to horizontal positions..
- The first step is to layout all panels for a gang in the desired configuration on top of wood blocking or other level surface.
- In areas specified by the design, install a Stacking Clamp center jaw on to the horizontal panel joint between the stacked panels and tighten the clamp using a claw hammer or 12" long section of rebar to no more than 50 ft-lb torque.. (Figure 5.)



Figure 4. Place Alignment Bar Stacking Assembly At Or Near The Center Of The Panel Width & Attach Standard Clamps On Either Side



Figure 5. Place Stacking Clamp At Or Near The Center Of The Panel Width & Attach Standard Clamps On Either Side

NOTE: MAXIMUM SPACING FOR THE ALIGNMENT STACKING ASSEMBLY IS 9' CENTER TO CENTER. MAXIMUM SPACING FOR THE STACKING CLAMP IS 6' CENTER TO CENTER