

LIFTING AND MOVING EXCEL MODULAR SCAFFOLD STRUCTURES

Part Number	Description	Weight Galvanized (lbs.)	Maximum Allowable Load (lbs.)
LD1	Lifting Device	9	2,400
VLP	Vertical Locking Plates	7	7,500
VLC	Vertical Locking Clamp	9.5	2,400

The combination of the lifting device, vertical locking plates and vertical locking clamp enable fully-assembled Excel Modular Scaffold structures to be lifted and moved. A scaffold is assembled in a low-hazard area and can then moved into a high-hazard area, reducing employee exposure.

The lifting device attaches to the top of the vertical post, and accepts a shackle for a sling/ cable attachment. The vertical locking clamp and vertical locking clamp provide added strength to the vertical post connection.

BUILD NOTES:

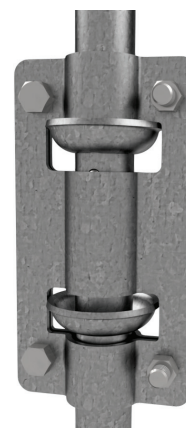
1. Either a vertical locking plates or vertical locking clamp must be installed on all vertical posts at the pin connection before lifting the scaffold.
2. All OSHA and plant safety regulations governing rigging and material handling must be followed.
3. All loose material must be removed from the scaffold before it is lifted.
4. Spreader beams must be used, so that the lifting load on all vertical posts is applied in an upward direction.
5. The scaffold must be properly braced to prevent deformation during movement.
6. Scaffold weight loads must be calculated to prevent the overloading of any scaffold or lifting component.
7. All scaffold components (deck boards, etc.) must be secured to the scaffold.



Clamp bolts should have between 40 and 65 lbs. tension. Overtightening could damage the threads, bolt or item the clamp is attached to.



Lifting Device



Vertical Locking Plates



Vertical Locking Clamp

All material must be inspected prior to use! See inspection guidelines on page 43 of this manual.