

# LIFTING AND MOVING EXCEL MODULAR SCAFFOLD



**Lifting Device**

The following components are provided to enable fully-assembled Excel Modular Scaffolds to be lifted and moved. This enables a section of scaffold to be assembled in a low-hazard area and moved into a more dangerous or high-hazard area, thereby reducing employee exposure in those areas.

The lifting device attaches to the top of the vertical post. It is designed to accept a shackle for a sling/cable attachment.



**Vertical Leg Connector**

The vertical locking connector and vertical locking clamp are designed to provide added strength to the vertical post connection.

Either the vertical locking connector or vertical locking clamp must be installed on all vertical posts at the pin connection before lifting the scaffold.



**Vertical Locking Clamp**

Part Number	Description	Maximum Supported Load (lbs.)	Galvanized Weight
LD1	Lifting Device	2,400	9
VLC	Vertical Leg Connector	7,500	7
VPC	Vertical Locking Clamp	2,400	9.5

**The snap button must be fully engaged in both ends of the vertical post connections.**

**Notes:**

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

Clamp bolts should be tightened between 40 and 65 ft-lbs. Overtightening could damage the threads, bolts or item the clamp is attached to.

**All material must be inspected prior to use! See inspection guidelines on page 99 of the standard manual.**