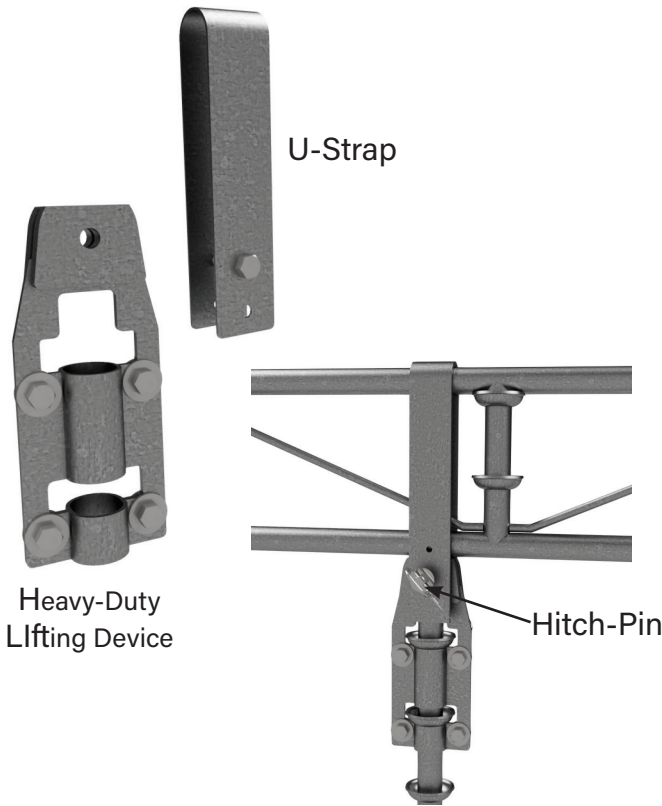


# EXCEL MODULAR HEAVY-DUTY LIFTING DEVICE WITH U-STRAP

Part Number	Description	Weight (lbs.)	Maximum Allowable Load (lbs.)
VLHD	Heavy-Duty Lifting Device	12	5,500
¾-inch Hitch-P	¾-inch Hitch Pin with Cable and Keeper Pin	1.5	5,500
VLHD-TS	Truss Strap for Use With Heavy-Duty Lifting Device	10	3,500
	Combined Components Used on Truss	22.5	3,500

Must be used as a set.



**This component is to be used only on properly designed and engineered scaffolds that meet Excel's requirements.**

**BUILD NOTES:**

1. When using the heavy-duty lifting device for lifting of scaffolds, all three (3) components shall be used.
2. ¾-inch x 5-inch grade 8 bolts with locking nut may be used in lieu of the ¾-inch hitch pin.
3. All OSHA and plant safety regulations governing suspended scaffolds must be followed.
4. No part of the newly added suspended scaffold should be used as a tie-off point until the scaffold is completed and verified for tie off by a competent person.
5. The heavy-duty lifting device can only be used with the provided U-strap to ensure proper loading.
6. The scaffold must be properly braced to prevent deformation.
7. Scaffold weight loads must be calculated to prevent the overloading of the heavy-duty lifting device component.
8. All scaffold components (deck boards, etc.) must be secured to the scaffold.
9. **Only use approved Excel connection pins that are supplied with the bracket.**

The heavy-duty lifting device is attached in the same manner as the lifting device (pg. 5), but has a higher load capacity for flying larger scaffolds. The heavy-duty lifting device with U-strap is used to shorten a scaffold bay along an Excel truss, and can be installed by attaching the U-strap over the truss with the supplied bolt. This can be done while standing on an existing deck and sliding it into place using a horizontal member, thereby reducing employee exposure to a fall hazard.

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