

TopoLIFT™

3D Imaging System Platform designed to increase field productivity of your 3D imaging system.

Reduce setup time;

Drive, stop and set up 10-20x faster than tripod based operation.

Reduce number of setups;

Optimum height increases coverage and reduces setups by a factor of 3-4x.

Providing safe efficient operator environment;

Utilize truck cab as a safe workstation to analyze and QA/QC data in the field.



Field time is expensive time. With scanning projects becoming increasingly larger in scale, the number of scan positions are typically in the hundreds. Time saved in setup or decreasing the number of positions translates right to the bottom line. TopoLIFT will often pay for itself in the first project by cutting field time by several hundred percent.

TopoLIFT is designed for stop-and-go scanning operations from the bed of a pick up truck. There two primary components: 1) the Lift and 2) the Bridge. The Bridge is comprised of 3 removable legs on each side of a truss. The imaging system is mounted on a Bridge truss to the left of center (driver's side). An extension mount is available for extra height.

The lift system is easily installed in any standard pick-up truck bed. A 2,500 lbs capacity screw gear mechanism raises and lowers the bridge cradle. The Bridge is lifted and the entire system is carried by the truck to the next scan location. The Lift then lowers the bridge until contact is made with all three bridge legs. The lift is lowered several inches further such that there is no mechanical connection between the Bridge and the Lift nor consequently the truck. The imaging operation can then proceed on the stable bridge without being affected by any truck movement.

Your lift system will include the following components:

1. Bridge Section :

- a) (3) Legs
- b) Cross Truss
- c) Extension Truss

2. Lift Section:

- a) Lift assembly
- b) Screw drive type motor system
- c) Electronics and control box

3. Shipping/Storage Crates (if applicable):

- a) Crate 1: 47 x 62 x 66 (L x W x H in.)
- b) Crate 2: 101 x 29 x 25 (L x W x H in.)

