

## Snowplow Specifications for Homeowner Blade HOP-84", HOP-90"

### **Snowplow Finish (Coating)**

Galvanized

### **Blade Assembly**

1/4" High density polyethylene sheet x 18 1/2 " high, formed to fit blade frame.

Overall blade height 22"

1/4" x 2" x 2" top reinforcing angle.

Bottom reinforcing tube 3/16" x 2" x 2"

Three 3/8" ribs, two 1/2" ribs welded to top angle and bottom reinforcing tube.

Plow angling 27 degrees left and right.

Poly cutting edge 1" x 4" attached with 1/2" carriage bolts.

Full blade trip with two 3" OD x 3/8" diameter carbon steel trip springs preloaded with 5/8" x 6 7/8" zinc plated eye bolts.

Blade trip pivot - two 3/4" rivets in rib holes.

High visibility orange spring mounted blade guides.

Optional Deflector, Straps and Shoe kit.

### **Quadrant**

Welded, reinforced 1/4" x 2 3/4" x 3 5/8" steel channel with attachments for 3/4" diameter cylinder attaching bolts.

1" diameter bolt for T-frame - quadrant pivot.

### **T-frame**

Welded, reinforced two 3/16" x 2" x 2" steel tubes with attachments for 3/4" diameter cylinder attaching bolts.

5/16" transport lift chain.

**Lift Frame & Mounting Kit**

Custom lift frame - welded, reinforced laser cut 5/16" steel uprights with two 3/16" x 2 3/8" cross tubes. Provisions for auxiliary lights.

Mounting kit -welded, custom designed kit (1/4" & 3/8" formed steel) to fit specific truck.

Two 3/4"x3" pins for quick blade assembly attachment.

**Hydraulics**

Out front hydraulics.

Combination pump/motor/reservoir, with externally adjustable system relief valve.

Handheld controller or Joystick.

Adjustable cross-over relief valves.

Two 1 1/2" x 10" Nitrotech coated angling cylinders. One 1 1/2" x 6" Nitrotech coated lift cylinder.

Hydraulic fluid to be low viscosity UNIVIS HVI 13 (J13) for out front power unit.

**Lights (Optional)**

Rectangular Sealed beam AXV lights. Dual beam low profile head lamps or LED headlights with combination of park/turn signals and plug-in harness.