

Snowplow Specifications for V plow

HDVTE96-P, HDVTE108-P

Snowplow Finish (Coating)

Galvanized

Blade Assembly (consists of left and right section)

3/8 High density polyethylene sheet x 24" high formed to fit blade frame.

Available in Orange or Platinum.

Overall blade height 29", if flares are installed height is 33 1/2"

3/16" x 2 1/2" x 2 1/2" top reinforcing angle, 5/16" steel bottom reinforcing base channel.

One 3/8" outside rib, two 1/4" middle ribs, all welded to the top angle sections, and the bottom steel base channel (per section).

5/16" x 2 1/2" x 2 1/2" welded, reinforced structural steel angle.

Cutting edge 1/2" x 6" high carbon steel attached with 1/2" carriage bolts to base angle.

Two adjustable compression springs 3/8" x 2 7/8" OD (per section).

Base angle trip pivot - four 3/4" button head rivets in rib holes (per section).

One height adjustable steel shoe welded to 1" diameter steel shafts and secured with lynch pin (per section).

Plow angling 30 degrees left and right.

High visibility orange spring mounted blade guides.

Welded, reinforced pin housing 2 1/2" round tubing x 5/8" wall.

A-frame

Welded, reinforced 1/4" x 2 1/2" square tubing with attachments for 3/4" diameter cylinder attaching bolts and pin housing 2 1/2" round tubing x 5/8" wall.

A-frame attached to blade by 1 3/16" diameter pin x 23 1/2". Two 5/16" transport lift chain.

Lift frame & Mounting Kit

Universal lift frame - welded, reinforced laser cut 5/16" steel uprights with three 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 1" diameter pins with eye handles for quick blade assembly attachment. Formed 1/4" steel lift channel.

Hydraulics

Out front hydraulics.

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

Joystick or handheld controller.

Adjustable crossover relief valve.

Two 2 1/4" x 9" Nitrotech coated angling cylinders. One 2" x 6" Nitrotech coated lift cylinder.

Hydraulic fluid to be low viscosity UNIVIS HVI13 (J13) for out front pump.

Lights

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