

Snowplow Specifications

HDTE-90-P, HDTE-96-P, HDTE-108-P

Snowplow Finish (Coating)

Galvanized

Blade Assembly

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

Available in orange color.

Overall blade height 29".

3/16" x 2 1/2"x2 1/2" top reinforcing angle, 5/16" steel bottom reinforcing base channel.

Four 1/4" inside ribs, two 3/8" outside ribs all welded to the top angle sections, and the bottom steel base channel.

5/16" x 2 1/2" x 2 1/2" welded, reinforced structural steel angle, with offset cutting edge, high carbon steel attached with 1/2" carriage bolts to base angle.

Four adjustable compression springs 3/8" x 2 7/8" OD

Base angle trip pivot - six 3/4" button head rivets in rib holes.

2 height adjustable steel shoes welded to 1" diameter steel shafts and secured with lynch pins.

Plow angling 30 degrees left and right.

High visibility orange spring mounted blade guides.

A-frame

Welded, reinforced 1/4" x 2 1/2" square tubing with 1 5/8" x 9/16" round tubing for blade attachment.

A-frame attached to blade by 1" diameter pin x 14".

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 attachments.

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 1.1/2" x 10" Nitrotech coated angling cylinders.

One 2" x 6" Nitrotech coated lift cylinder.

Hydraulic fluid to be low viscosity UNIVIS HVI 13 (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.