

Snowplow Specifications - Standard Duty Poly Blade SD84-P, SD90-P

Snowplow Finish (Coating)

Galvanized

Blade Assembly

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

Overall blade height 23".

3/16" x 2" x 3" bottom reinforcing tube.

Three pivot ribs (two 1/2" and one 3/8") and two 3/8" outside ribs, all welded to the top angle sections, and the bottom tube.

Non-reversible cutting edge, 3/8" x 4" mild steel attached with 1/2" carriage bolts.

Full blade trip with two 2.375" OD x 0.393" diameter carbon steel trip springs preloaded with 5/8" x 6.7/8" eye bolts.

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

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

Plow angling 27 degrees left and right.

High visibility orange spring mounted blade guides.

Deflector and Straps available as Standard option on blade.

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 and pivot pin housing 2 1/2" round tubing x 1/4" wall with grease fitting.

5/16" transport lift chain.

Lift frame & Mounting Kit

Universal 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.

Formed 3/16" (.188) steel lift channel.

Two 1" diameter pins with eye handles for quick blade assembly attachment.

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 1.1/2" x 6" Nitrotech coated lift cylinder/integral 1.1/2" x 6" lift cylinder in out front pump.

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.