

## Snowplow Specifications - Standard Duty Steel Blade SD90-S

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

Galvanized

### **Blade Assembly**

Top 14 ga. hot rolled steel sheet x 26 7/8" high, formed to 14.5/16" radius with 13/16" radius top curl.

Overall blade height 25 1/2".

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

5 formed 1/4" ribs welded to sheet and top and bottom reinforcing angles. Plow angling 30 degrees left and right.

3/8" x 4" high carbon steel cutting edge attached with 1/2" grade 8 carriage bolts.

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

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 reinforced rib holes. High visibility orange spring mounted blade guides.

Curved Deflector and Straps available as Standard option.

### **Quadrant**

Welded, reinforced 1/4" x 2.1/2" x 3 1/8" formed steel with attachments for 3/4" diameter cylinder attaching bolts.

1" diameter shoulder bolt for A-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**

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.