

Snowplow Specifications - Homeowner Steel Blade HOP90-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.

1" x 4" poly cutting edge fastened 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 reinforced rib holes.

High visibility orange spring mounted blade guides.

Optional Curved Deflector, Straps & Shoes

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

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.

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 (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.