

Snowplow Specifications for Extra Heavy 10' Duty Poly

XHD120-P

Snowplow Finish (Coating)

Galvanized

Blade Assembly

3/8" Orange high density polyethylene sheet x 30 1/4" high, formed to fit blade frame.

Overall blade height 33".

1/4" x 2.1/2" x 2.1/2" top reinforcing angle.

1/4" x 2.1/2" x 2.1/2" bottom reinforcing angle, sectioned to fit between ribs.

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

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

Non-reversible cutting edge, 1/2" x 6" high carbon steel C 1090 attached with 5/8" carriage bolts.

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

Blade trip pivot - four 3/4" button head 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 30 degrees left and right.

High visibility orange spring mounted blade guides.

Quadrant

Two horizontal, parallel 3/8" reinforced plates that are welded to 1/4" x 2 1/2" x 3 1/2" steel tube with attachments for 3/4" diameter cylinder attaching bolts.

1" diameter bolt for A-frame - quadrant pivot.

A-frame

Welded, reinforced 1/4" x 2.1/2" square tubing 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.

A-frame attached to blade by 1" diameter bolt .

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 handled controller

Two 2" x 11.5" 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

Dual beam low profile head lamps with combination park/turn signals and plug in harness.