

## Snowplow Specifications for WING plow

### VAW-P

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

Galvanized

#### **Blade Assembly**

Using Arctic's hydraulically operated multi-angle wings, heavy duty trip edge (98.5" in length) is transformed to 123" in the open position.

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

Available in Orange color.

Overall blade height 29".

3/16"x2 1/2"x2 1/2" top reinforcing angle.

5/16" steel bottom reinforcing base channel.

Two 3/8", four 1/4" ribs, all welded to the top angle sections, and the bottom steel base channel.

Cutting edge 1/2" x 6" high carbon steel attached with 1/2" carriage bolts to base angle.

3/8"x3"x3" 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"x2 7/8" OD.

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

Two height adjustable steel shoe welded to 1" diameter steel shafts and secured with lynch pin.

Plow angling 30 degrees left and right.

High visibility orange spring mounted blade guides.

Two hydraulically operated side wings that operates anywhere between 0 to 90 degrees.

Replaceable Ultra High Molecular Weight poly ethylene cutting edge for side wings.

12ga stainless steel cover for easy access to the wing cylinders.

### **A-frame**

Welded, reinforced 1/4"x2 1/2" square tubing with attachments with 1 5/8"x1/4" round tubing for blade attachment.

A-frame is 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 attachment.

Formed 1/4" steel lift channel.

### **Hydraulics**

Out front hydraulics.

Combination pump/motor/reservoir, with externally adjustable system relief valve.

Handheld controller.

Adjustable crossover relief valve.

Two 1.1/2"x10" 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**

Rectangular Sealed beam AXV lights. Dual beam low profile head lamps or LED headlights with combination of park/turn signals and plug-in harness.