

# Hydraulic Patrol Wings

## Features:

- Low profile truck attachments are designed for years of trouble free service.
- Designed for optimum performance.
- Adaptable to all VIKING wings (10' - 12') past or present.
- Available with VIKING FULL-TRIP hinge and wing arm kit or trip edge.
- Requires little or no cab to body clearance.
- Available as a RETROFIT kit for many in service custom type hitch equipment chassis.
- VIKING Patrol wings compact design allows easy installation and better overall weight distribution.



## VIKING-CIVES (USA) Heavy-Duty Snow Removal

**Equipment** is designed for durability and long-lasting performance. VIKING EQUIPMENT is "over-engineered" to compensate for the toughest snowplowing conditions.

VIKING uses a proven design with the application of sound engineering and structural principles, resulting in the finest equipment available.

VIKING engineered hydraulic patrol wings require little or no special cab to body clearance so that you can maximize your dump body payload.

VIKING hydraulic patrol wings are capable (depending on your truck chassis and equipment) of benching to a height of 36".



Low profile three point fixed arm design allows patrol wing to be carried closer to truck chassis than other patrol wing makes.

## Low Profile Front Post with all Hydraulic or Cable Sheave Design



VIKING-CIVES (USA) heavy-duty, low profile 8" I-beam front post will raise the front of the wing to a maximum carrying height of 40". Optimum year round visibility is maintained as the post height does not exceed 80" from the ground. A 3" x 20" D.A. cylinder with cable and sheave arrangement provides lift for the front of the wing. Its free floating design prevents down pressure from accidentally being applied. The front post can be easily removed during summer months to reduce weight on the front axle. All hydraulic front posts are available if requested.

## Low Profile Three Point Fixed Rear Support



VIKING-CIVES (USA) low profile three point fixed rear support is secured to both sides of the chassis frame. The 3" x 15" rear wing cylinder includes a counter balance valve so to maintain wing carry position should hydraulic line failure occur. VIKING also furnishes fully adjustable flow restrictors to control the operating speed of the wing. VIKING'S unique sliding collar design on the upper stand off arm allows rear wing to follow road contour for optimum performance.

REAR MAST: 7" x 4" x 3/8" Tubing

FRONT MAST: 8" I Beam

RESERVOIR: 35 gal Phosphate Coated Steel

FRONT WING CYL.: 3" x 20" DA at front mast

REAR WING CYL.: 3" x 15" DA Between Arms

REAR SLIDE CYL. WING ARMS: Not Applicable

VALVE: Open Center - Stack Type 35 g.p.m. (2500 p.s.i.)

## Available with these Heavy-Duty Wing Moldboards

	MOLDBOARD THICKNESS	DISCHARGE HEIGHT	NOSE HEIGHT	CUTTING EDGE	OVERALL LENGHT	WING WEIGHT
120 W-HD (Heavy Duty)	8 ga.	38"	29"	1/2" x 6" x 9'	10'	700 lbs.
132 W-HD (Heavy Duty)	8 ga.	39"	29"	1/2" x 6" x 10'	11'	811 lbs.
144 W-HD (Heavy Duty)	8 ga.	40"	29"	1/2" x 6" x 11'	12'	850 lbs.

Note: Because of the variety of chassis available, please consult your nearest VIKING dealer for the right wing length for your application. Wings are available with either full trip or trip edge design.

Note: Specifications are subject to change without notice. Use only VIKING authorized replacement parts and accessories to assure optimum performance and reliability.

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