

# MASTLESS SNOW WING (MSW)



The WBM Mastless Snow Wing (MSW) design provides an additional safety aspect with the ability to open both doors of the cab when the wing is mounted.

Mechanical and Hydraulic float at the discharge (toe) and mechanical float at the intake (heel) of the moldboard give an increased life cycle and easier operator usage when experiencing uneven or rough terrain. The MSW's compact design significantly improves the grader's blade angle during operation, allowing for full machine articulation.

## FEATURES AND BENEFITS

- Exceptional operator visibility
- Unobstructed view to grader moldboard
- Increased safety
- Mechanical and hydraulic float
- Maximizes operator visibility, increasing safety awareness in traffic
- Efficient moldboard design
- Superior grader control and maneuverability in congested areas
- Moldboard geometry greatly improves 'winging' characteristics for superior snow-clearing
- Two-piece rear mount enables bumper to remain on during summer operation

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## STANDARD SPECIFICATIONS

- 12 ft 'performance' moldboard
- 30" bench height
- Hydraulic front lift mechanism
- Manual extendable pushpole

## OPTIONS

- Manual Adjustable Moldboard Pitch Control
- Hydraulic Extendable Pushpole
- Hydraulic Adjustable Moldboard Pitch Control



A Standard Wing requires two sets of proportionally actuated machine auxiliary hydraulics (2750-2500 psi @ 10-30 gpm).

The auxiliary valve section controlling the push pole requires float capability. For each optional wing function (HPP, HPA, ERB) one additional set of machine auxiliary hydraulics is required.

	MSW100	MSW200
Blade Height (Front-Rear)	33" - 44"	33" - 44"
Cutting Edge	(2) 5/8 x 8" x 72"	2) 3/4 x 8" x 72"
Blade Cutting Edge Angle	55°	55°
Drop Below Ground (Front-Rear)	3" - 36"	3" - 42"
Float (Front-Rear)	6" - 21"	6" - 23"
Level Benching Height	30"	30"
Sweep Angle (From Grader C.L)	32° - 48°	38° - 54°
Mount Ground Clearance	16"	18-1/2"
Transport Width (CAT 140H II)	115"	136"
Transport Width (CAT 160H II)	119"	-----
Transport Height (Pushpole in)	138"	146"
Transport Height (Pushpole out)	154"	160"
<b>TOTAL WEIGHT</b>	<b>3800 lbs</b>	<b>4800 lbs</b>