

# High Speed Reversible Snow Plow

Designed for expressway or high speed plowing where discharge to either side is required. Extension springs and 45° slotted trip lugs allow independent moldboard movement. Moldboard cutting edge is at a 45° angle to the road enabling clean, efficient high speed plowing and longer snow discharge throw. Cutting edge angle is adjustable.

## **Moldboards: Designed for Strength and Speed.**

Available in 45° cutting edge to road surface angle, this design provides clean and efficient high speed snow removal. Moldboard is designed with break-formed panels and is backed with 8 solid cut 1/2" steel plate ribs for added strength. Moldboard achieves long throws with minimal snow blow-back. To protect the moldboard, 6" slots provide dependable tripping action. Extension springs return cutting edge to road surface after tripping over the obstruction. For added safety, plow is shearpin protected in adjustable arms. 12" diameter mushroom shoes are standard.

See above photo and illustration.

### **EXPRESSWAY MOLDBOARD**

Continuous curve design with dual taper allows for greater lifting and throwing of snow discharge. Fast, efficient snow removal for urban area.



### Pushframes

The pushframe is of steel tube and plate construction. The reversing circle section consists of a 4" x 4" x 3/8" tube with 3—1 1/4" plate connecting lugs and a 4" x 3" x 1/4" tube forming the rear section.

Pivot frame section is fabricated from 3/8" formed plates, welded to a 1" plate push arm pivot assembly. It is solely designed to provide a straight line push between truck hitch and moldboard hinge points.

### Double Ram-R\* Model

The Double Ram Pushframe has two 3 1/2" x 15" double acting cylinders that reverse the plow to any position from 35° right to 35° left of bulldoze position. A cushion valve with a pre-set pressure release protects the cylinders and plow in any plowing position.

### Manual Locking

The plow is angled to any of the seven discharge positions and locked manually with a 1 1/4" diameter steel pin.

### Single Ram w/ Locking Pin-L\* Model

Single Ram with Locking Pin pushframe has the 3" x 11" double acting cylinder which is designed to activate the locking pin and reverse the plow to any to the 7 plowing positions from 35° right or left of the bulldoze position. The cam activated 1 3/4" diameter steel locking pin and a float center

## Full Trip Reversible Snow Plow

MODEL #	MOLD'BD	ANGLES-WIDTH OF PATH CLEARED			BULLDOZE CLEARING	TYPE OF REVERSE	EXTENDED MOLD'BD	WEIGHT LBS
		35°	28°	21°				
MR1042HSE	3' 6"	8' 2 1/2"	8' 10"	9' 4"	10'	Manual	Yes	2200
PR*1042HSE	3' 6"	8' 2 1/2"	8' 10"	9' 4"	10'	Manual	Yes	2300
MR1142HSE	3' 6"	9' 0"	9' 8 1/2"	10' 3"	11'	Manual	Yes	2300
PR*1142HSE	3' 6"	9' 0"	9' 8 1/2"	10' 3"	11'	Power	Yes	2400
MR1148HSE	4' 0"	9' 0"	9' 8 1/2"	10' 3"	11'	Manual	Yes	2400
PR*1148HSE	4' 0"	9' 0"	9' 8 1/2"	10' 3"	11'	Power	Yes	2500
MR114864- HSEX	4' 0" @ center 5' 4" @ discharge ends	9' 0"	9' 8 1/2"	10' 3"	11'	Manual	Yes	2500
PR*114864- HSEX	4' 0" @ center 5' 4" @ discharge ends	9' 0"	9' 8 1/2"	10' 3"	11'	Power	Yes	2600
MR124864- HSEX	4' 0" @ center 5' 4" @ discharge ends	9' 10"	10' 7"	11' 2"	12'	Manual	Yes	2600
PR*124864- HSEX	4' 0" @ center 5' 4" @ discharge ends	9' 10"	10' 7"	11' 2"	12'	Power	Yes	2700

\*Power reversible models available in Locking Pin or Twin Cylinder designs as shown above.

### Dealers:

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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