

# Metropolitan One Way Plows

Designed specifically for metropolitan areas, this plow provides fast, efficient snow removal. Light, rugged construction performs exceptionally well, even in heavy snow conditions. Economically priced to meet municipal budget requirements.

## MOLDBOARDS

The Viking-Cives (USA) moldboard is designed for strength and is constructed at a 25° cutting edge angle. It features a paneled moldboard of 8 gauge brake formed steel for greater rigidity and easier snow discharge. The top of the moldboard is braced with an integrally-formed channel. The bottom cutting section is formed by a gusseted 6" x 4" x 3/4" angle. The moldboard is reinforced by 6 vertical, one piece 3/8" solid cut ribs for added strength.



ENDVIEW



Shown with optional 10" caster wheels.

10/20/10

[www.vikingcives.com](http://www.vikingcives.com)



## Trip Mechanism

An enclosed trip spring canister provides effective moldboard protection. When obstructions are hit, moldboard trips forward and is automatically returned to plowing position. The canister can be adjusted to precise moldboard plowing angle to match speeds and road conditions.

## Push Frames

The Viking Cives (USA) metropolitan pushframe is of steel angle and plate construction. The pushframe reversing circle is constructed from 6" x 4" x 1/2" angle (main), and 4" x 3" x 3/8" angle (rear). The pivot frame is constructed from 4" x 2" rectangular tube electrically welded to form a "V" and a 3/4" swivel plate with oscillating 1-1/4" plate push lugs. Three 1-1/4" hardened steel hinge pins connect the moldboard to the pushframe.

## Manual Locking - Standard

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

## Double Ram

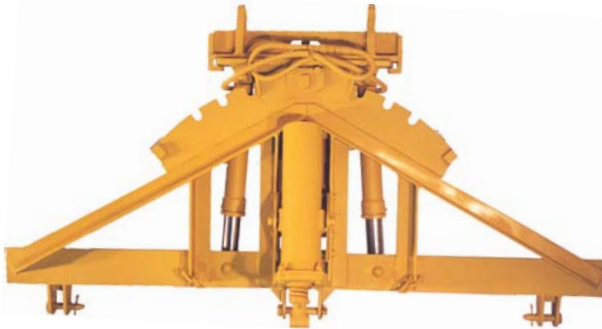
Two 3 1/2" x 14" double acting (da) cylinders reverse the plow to any position from 35° right to 35° left of bulldoze position. A cushion valve with a pre-set pressure release protects the cylinders and plow in any position.

### Options:

- Mushroom Shoes
- Caster Wheels
- Curb Shoes
- Steel or Rubber Deflector
- Carbide Blade
- Double Ram
- Double Ram Locking Pin

## Double Ram Locking Pin

Two 3" x 16" single acting (sa) cylinders reverse the plow to any of seven (7) discharge positions. The 1-1/4" microloy steel locking pin and a float center valve section take all pressure off the cylinder pistons when in any of the seven locking positions.



**Viking Metropolitan One Way Plows**

MODEL #	OVERALL LENGTH	CLEARING WIDTH	CUTTING EDGE LENGTH	NOSE HEIGHT	DISCHARGE HEIGHT	NUMBER RIBS	WEIGHT LBS
OW116M	11' 6"	8' 5"	10' 4"	26"	46"	6	1530
OW130M	13'	9' 3"	11' 4"	29"	51"	6	1660

Viking-Cives (USA)  
14331 Mill Street  
Harrisville, NY 13648  
(315) 543-2321  
Fax (315) 543-2366

Viking-Cives of WNY  
2917 Judge Road  
Oakfield, NY 14125  
(585) 948-5051  
Fax (585) 948-5452

Viking Cives of Maine  
40 Coles Crossing  
Sidney, ME 04330  
(207) 602-9519  
Fax (207) 547-3343

Viking-Cives of Vermont  
82-84 Leroy Road  
Williston, VT 05495  
(802) 660-9991  
Fax (802) 660-9992

