

*"Demanded by Those Who Know Quality"*

# HIGH COUNTRY EXPRESSWAY SNOW PLOW

EWMX1, EWMC1, EPMX1, EPMC1, EWTT1, EPTT1, EWMXTT1, EPMXTT1, EWMCTT1, EPMCCT1

## STANDARD FEATURES:

5" x 5" x  $\frac{3}{8}$ " HD Square Tube Table, 90" wide Push Frame, and Massive 3- $\frac{1}{2}$ " Round Pivot Bushing

[5] Table to Moldboard Hook-Up Points with 1- $\frac{1}{2}$ " Thick Ribs, 3" Bearing Surface and 1- $\frac{1}{4}$ " Pins

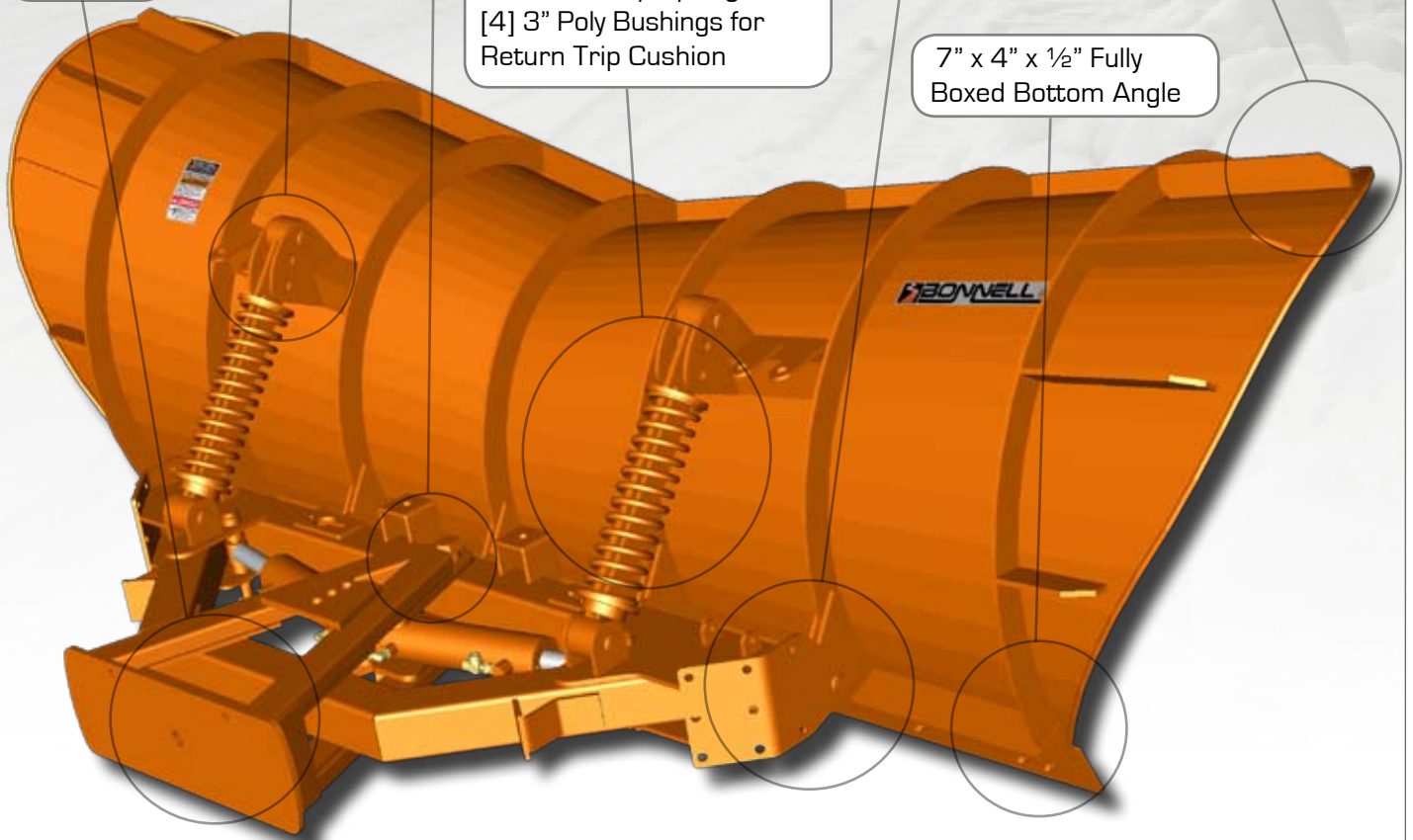
Extended Roll Moldboard Continuously Welded

Deep "C" A-Frame

[3] Adjustable Pitch Settings

[2] Telescopic Trip Bars, Compression (shown) or Extension Trip Springs and [4] 3" Poly Bushings for Return Trip Cushion

7" x 4" x  $\frac{1}{2}$ " Fully Boxed Bottom Angle



Bonnell High Country Expressway Snow Plows are designed for removing snow at high-speeds in rural areas and interstate highways. The standard extended roll moldboard is designed to move the snow to the discharge end of the plow more efficiently. This prevents the snow from blowing over the top of the plow. This plow produces the same results when plowing to the left or to the right.

Bonnell's many standard features are what set us apart from our competition. These features, outlined above, include the 7" x 4" x  $\frac{1}{2}$ " fully boxed bottom angle which adds strength to keep the moldboard from bending. We also

insert a 3" x 3" poly bushing into the top and bottom of both trip bars to absorb shock from tripping. The poly bushing provides cushion, making hitting an obstruction less intense and safer on the driver, plow, truck and the road.

All High Country Plows include an automatic safety feature which allows the moldboard to trip forward when the blade encounters an obstruction. After the obstruction is cleared, heavy-duty springs return the moldboard to its plowing position. This minimizes damage to the streets, plow, truck and driver.

# HC Expressway Snow Plow Specifications

MODEL NUMBER	CUTTING EDGE LENGTH	OVERALL LENGTH	CENTER HEIGHT	DISCHARGE END HEIGHT	DISCHARGE END OVERHANG	NUMBER OF SPRINGS (EXTENSION)	CUTTING SWATH @ 35°	APPROXIMATE WEIGHT OF BASE UNIT
10EW3648MX1	10'0"	13'8"	36"	48"	14"	6	8' 2"	2,290 LBS.
11EW3649MX1	11'0"	14'8"	36"	49"	15"	6	9' 0"	2,367 LBS.
12EW3650MX1	12'0"	15'8"	36"	50"	16"	6	9' 9"	2,454 LBS.
10EW4052MX1	10'0"	13'8"	40"	52"	16"	6	8' 2"	2,360 LBS.
11EW4053MX1	11'0"	14'8"	40"	53"	17"	6	9' 0"	2,440 LBS.
12EW4054MX1	12'0"	15'8"	40"	54"	19"	6	9' 9"	2,529 LBS.
10EW4760MX1	10'0"	13'8"	47"	60"	18"	6	8' 2"	2,480 LBS.
11EW4761MX1	11'0"	14'8"	47"	61"	19"	6	9' 0"	2,558 LBS.
12EW4762MX1	12'0"	15'8"	47"	62"	20"	6	9' 9"	2,652 LBS.

All Models Come as Base Units without running gear, lifting assembly and plow hitching method.

Moldboard Thickness:	10 Gauge
Moldboard Reinforcing:	(7) 1/2" x 3" Ribs
Adjustable Moldboard Pitch Settings:	35°, 25° or 15° off vertical
Lower Reinforcing Angle:	7" x 4" x 1/2"
Reversing Frame:	5" x 1/4" Wall Structural Tubing
Reversing Cylinders:	4" Bore x 12" Stroke (2" Rod) Double Acting
Reversing Limits (left & right):	0 to 35 degrees
Plow to Table Hinge Points:	(5) 1-1/4" Hinge Pins, Spanning 90"
Cutting Edge:	5/8" x 6" High Carbon Steel Std. Punch
Pivot Pin:	1-1/2" Grade 8 Bolt
Cylinder Pins:	1-1/4" C1045 Steel Pins

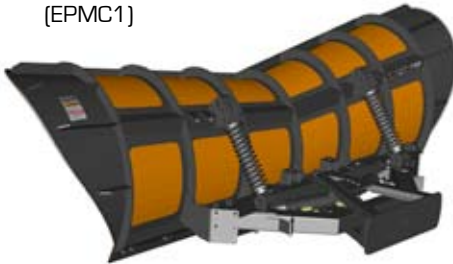
10-Gauge Steel Construction with Extension Springs (EWMX1)



10-Gauge Steel Construction with Compression Springs (EWMC1)



UHMW Poly Construction with compression trip (EPMC1)



10-Gauge Steel Construction with Torsion Trip (EWTT1)



Sold By:



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REV050109

# High Country Options

## Plow Lift Options

- Chain
- Level Raise Lift System™
- Chain and Saddle
- Cable Wrap



## Plow Hook-Up Options

- Quick Attach Loop
- Swivel Bar with Push Ears (1-1/4" pins @ 30.5")
- Husting Style
- Custom Application



## Running Gear Options

- Standard-Duty Mushroom Shoes
  - Heavy-Duty Mushroom Shoes
  - Heavy-Duty Even Wear Shoes
  - Carbide Even Wear Shoes
  - 10" Steel Caster (Kingpinless) Wheels
  - 5.70 x 8.0 Pneumatic Tires\*
  - Foam-Filled Rubber Tires\*
- \*Should not be used with Cable Wrap Lift Assemblies



## Moldboard Options

- 3/4" Bottom Angle
- 7-Gauge Steel Construction
- Trimmed Ears
- Extra Ribs
- Special Sizes Available



## Tripping Options

- Extension Trip Moldboard
- Compression Trip Moldboard
- Torsion Trip Cutting Edge
- Dual Trip Moldboard & Cutting Edge



## Table Options

- Extended Push Frame
- Manual Reverse
- Power Reverse

## Cutting Edge Options

- High Carbon Steel
  - Rubber
  - UHMW Poly
  - Carbide Insert with Cover Blade
  - Flame Hardened
  - Joma Black Cat Blades
- All cutting edges available in various sizes

## Other Options

- Cushion Valve
- Curb Shoes
- Blade Savers - Carbide
- Blade Guides
- Rubber Deflector
- Plow Stand
- Nitrited Cylinders
- Extra Extension Trip Springs



## Paint Options

- Special Paint Available

