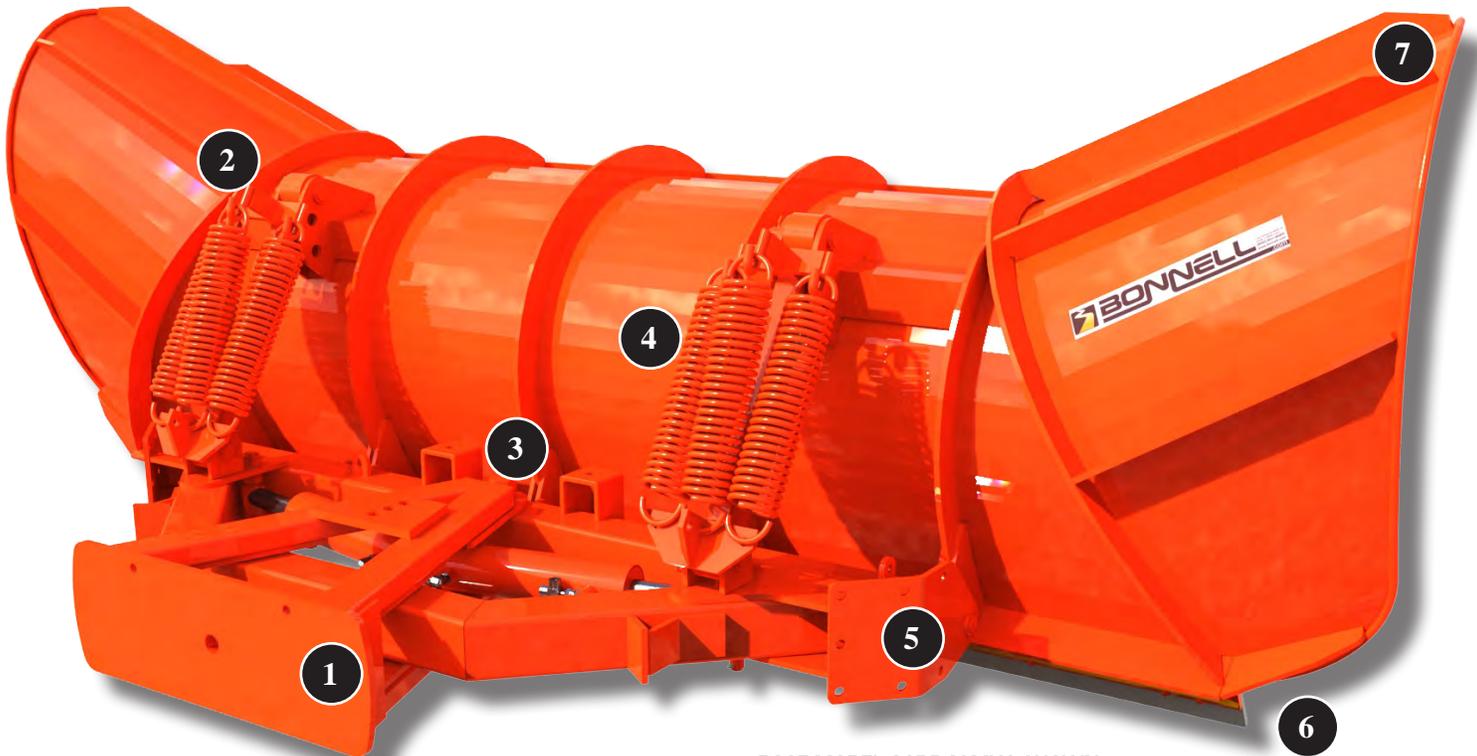


# HIGH COUNTRY DISTANT DISCHARGE

## S T A N D A R D F E A T U R E S

1. Deep "C" A-Frame
2. [3] Adjustable Pitch Settings
3. 5" x 5" x  $\frac{3}{8}$ " HD Square Tube Table, 90" wide Push Frame, and Massive 3- $\frac{1}{2}$ " Round Pivot Bushing
4. [2] Telescopic Trip Bars, [6] Extension Trip Springs and [4] 3" Poly Bushings Return Trip Cushion
5. [5] Table to Moldboard Hook-Up Points with 1- $\frac{1}{2}$ " Thick Ribs, 3" Bearing Surface and 1- $\frac{1}{4}$ " Pins
6. 7" x 4" x  $\frac{1}{2}$ " Fully Boxed Bottom Angle
7. Extended Roll Moldboard Continuously Welded



BASE MODEL 11DD42MX1 SHOWN

Bonnell High Country Distant Discharge Snow Plows are designed for high-speed plowing applications. The inverted funnel-shaped ends, combined with our standard extended roll moldboard, picks up the snow and throws it far and away from the road. 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 cush-

ion, making hitting an obstruction less intense and safer on the driver, plow, truck and the road.

Plows are available with steel or poly moldboards. Our poly plows are all poly, including the ears. You may also choose left or right ear distant discharge. Other options are also available [see page 2].

Meeting the demands of Mother Nature in the winter is a tough job. You need a tough plow to get you through the harshest conditions. Bonnell High Country series snow plows will clear the way.

## HC Distant Discharge Snow Plow Specifications

MODEL NUMBER	CUTTING EDGE LENGTH	MOLDBOARD HEIGHT	OVERALL LENGTH	OVERALL HEIGHT	WEIGHT OF BASE UNIT ONLY	NUMBER OF SPRINGS	CUTTING SWATH @ 35°	MOLDBOARD OVERHANG APPROX.
10DD42MX1	10'0"	42"	12'	58"	2269	6	8' 2"	18"
11DD42MX1	11'0"	42"	13'	58"	2330	6	9' 0"	18"
12DD42MX1	12'0"	42"	14'	58"	2391	6	9' 9"	18"
10DD49MX1	10'0"	49"	12' 4"	68"	2346	6	8' 2"	18"
11DD49MX1	11'0"	49"	13' 4"	68"	2436	6	9' 0"	18"
12DD49MX1	12'0"	49"	14' 4"	68"	2526	6	9' 9"	18"
14DD49MX1	14'0"	49"	16' 4"	68"	2669	6	11' 6"	18"
11DD60MX1	11'0"	60"	14' 1"	81"	2890	8	9' 0"	21"
12DD60MX1	12'0"	60"	15' 1"	81"	2980	8	9' 9"	21"
14DD60MX1	14'0"	60"	17' 1"	81"	3160	8	11' 6"	21"

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

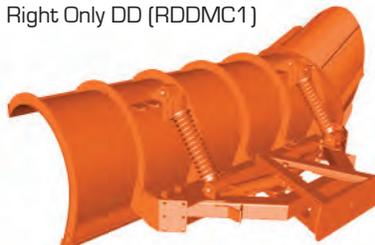
Moldboard Thickness:	10 Gauge
Discharge Ear Thickness:	10 Gauge
Moldboard Reinforcing:	(7) - 1/2" x 3" Ribs
Adjustable Moldboard Pitch Settings:	35°, 25° or 15° off vertical
Lower Reinforcing Angle	7" x 4" x 1/2"
Reversing Frame:	5" x 3/8" Wall Front Push Tube
Diameter of Hinge Pins:	1-1/4"
Reversing Cylinders:	4" Bore x 12" Stroke [2" Rod] Double Acting
Reversing Limits (Left & Right):	0 to 35 degrees
Plow to Table Hinge Points:	(5) Spanning 90"
Cutting Edge:	5/8" x 6" High Carbon Steel Standard Hiway Punch
Pivot Pin:	1-1/2" Grade 8 Bolt
Cylinder Pins:	1-1/4" C1045 Steel Pins

The Bonnell HC Straight is available in multiple unique configurations, including:

10-Gauge Steel Construction with Extension Springs (DDMX1)



10-Gauge Steel Construction with Compression Springs and Right Only DD (RDDMC1)



UHMW Poly Construction with Extension Springs and Right Only DD (RDPMX1)



10-Gauge Steel Construction with Torsion Trip Edge (DDTT1)



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## 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"]
- Hustling 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
- Extra Ribs
- UHMW Poly Construction
- 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



### Cutting Edge Options

- High Carbon Steel
  - Rubber
  - UHMW Poly
  - Carbide Insert with Cover Blade
  - Flame Hardened
  - PolarFlex Systems
- All cutting edges available in various sizes

### Other Options

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



### Paint Options

- Special Paint Available

# HIGH COUNTRY EXPRESSWAY

## S T A N D A R D F E A T U R E S

1. Deep "C" A-Frame
2. [3] Adjustable Pitch Settings
3. 5" x 5" x 3/8" HD Square Tube Table, 90" wide Push Frame, and Massive 3-1/2" Round Pivot Bushing
4. [2] Telescopic Trip Bars, Compression (shown) or Extension Trip Springs and [4] 3" Poly Bushings for Return Trip Cushion
5. [5] Table to Moldboard Hook-Up Points with 1-1/2" Thick Ribs, 3" Bearing Surface and 1-1/4" Pins
6. 7" x 4" x 1/2" Fully Boxed Bottom Angle
7. Extended Roll Moldboard Continuously Welded



BASE MODEL 1&1EW4053MC1 SHOWN

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 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

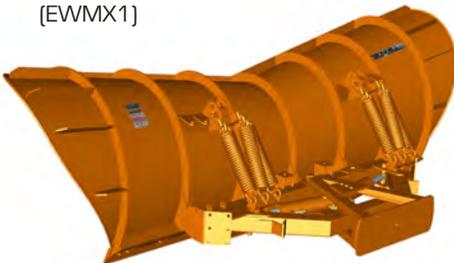
MODEL NUMBER	CUTTING EDGE LENGTH	OVERALL LENGTH	CENTER HEIGHT	DISCHARGE END HEIGHT	DISCHARGE END OVERHANG	NUMBER OF SPRINGS (EXTENSION)	CUTTING SWATH @ 35°	APPROXIMATE WEIGHT OF BASE UNIT
10EW3648MX1	10'0"	13'8"	36"	48"	14"	6	8' 2"	2,290 LBS.
11EW3649MX1	11'0"	14'8"	36"	49"	15"	6	9' 0"	2,367 LBS.
12EW3650MX1	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) - ½" x 3" Ribs
Adjustable Moldboard Pitch Settings:	35°, 25° or 15° off vertical
Lower Reinforcing Angle:	7" x 4" x ½"
Reversing Frame:	5" x 3/8" Wall Front Push Tube
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) 1-¼" Hinge Pins, Spanning 90"
Cutting Edge:	5/8" x 6" High Carbon Steel Std. Punch
Pivot Pin:	1-½" Grade 8 Bolt
Cylinder Pins:	1-¼" C1045 Steel Pins

The Bonnell HC Straight is available in multiple unique configurations, including:

10-Gauge Steel Construction with Extension Springs (EWMX1)



10-Gauge Steel Construction with Compression Springs (EVMC1)



UHMW Poly Construction with compression trip (EPMC1)



10-Gauge Steel Construction with Torsion Trip Edge (EWTT1)



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## 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 (1-¼" 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

- ¾" 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

### Cutting Edge Options

- High Carbon Steel
  - Rubber
  - UHMW Poly
  - Carbide Insert with Cover Blade
  - Flame Hardened
  - PolarFlex Systems
- All cutting edges available in various sizes

### Other Options

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



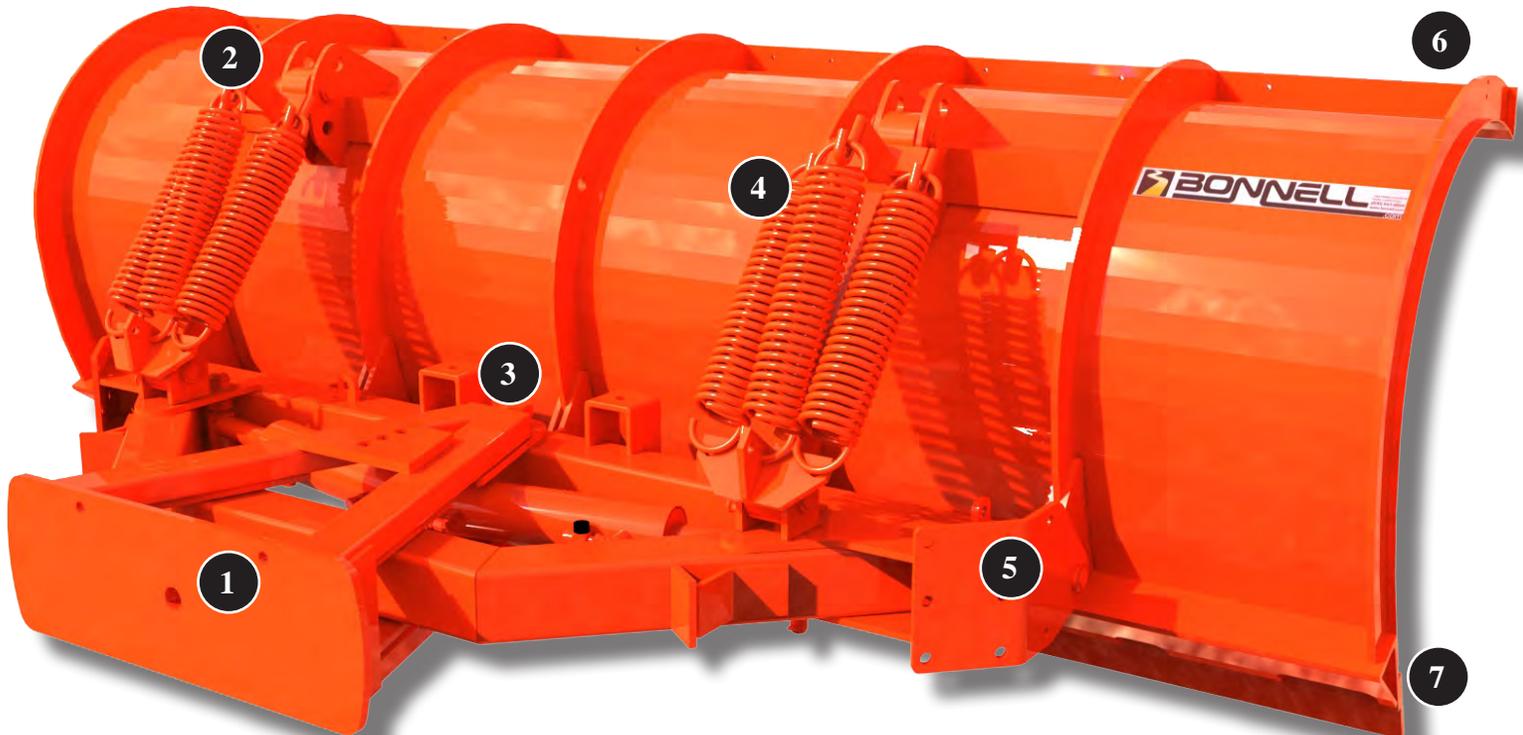
### Paint Options

- Special Paint Available

# HIGH COUNTRY STRAIGHT

## S T A N D A R D F E A T U R E S

1. Deep "C" A-Frame
2. [3] Adjustable Pitch Settings
3. 5" x 5" x  $\frac{3}{8}$ " HD Square Tube Table, 90" wide Push Frame, and Massive 3- $\frac{1}{2}$ " Round Pivot Bushing
4. [2] Telescopic Trip Bars, [6] Extension Trip Springs and [4] 3" Poly Bushings for Return Trip Cushion
5. [5] Table to Moldboard Hook-Up Points with 1- $\frac{1}{2}$ " Thick Ribs, 3" Bearing Surface and 1- $\frac{1}{4}$ " Pins
6. Extended Roll Moldboard Continuously Welded
7. 7" x 4" x  $\frac{1}{2}$ " Fully Boxed Bottom Angle



BASE MODEL 11ST42MX1 SHOWN

Bonnell High Country Straight 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 extension springs return the moldboard to its plowing position. This minimizes damage to the streets, plow, truck and driver.

## HC Straight Snow Plow Specifications

MODEL NUMBER	LENGTH	HEIGHT	CUTTING SWATH @ 35 DEGREES	APPROX. WEIGHT	NUMBER OF SPRINGS
10ST36MX1	10' 0"	36"	8' 2"	1960	4
11ST36MX1	11' 0"	36"	9' 0"	2025	4
12ST36MX1	12' 0"	36"	9' 10"	2090	4
10ST42MX1	10' 0"	42"	8' 2"	2052	6
11ST42MX1	11' 0"	42"	9' 0"	2119	6
12ST42MX1	12' 0"	42"	9' 10"	2186	6
10ST49MX1	10' 0"	49"	8' 2"	2100	6
11ST49MX1	11' 0"	49"	9' 0"	2170	6
12ST49MX1	12' 0"	49"	9' 10"	2240	6
11ST60MX1	11' 0"	60"	9' 0"	2500	8
12ST60MX1	12' 0"	60"	9' 10"	2600	8

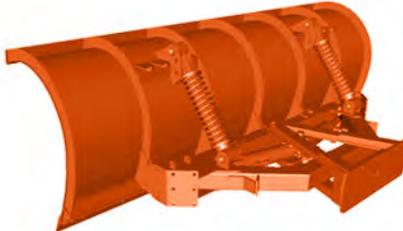
Call factory for complete specifications and optional equipment not listed. Weights do not include optional equipment.

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 3/8" Wall Front Push Tube
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

The Bonnell HC Straight is available in multiple unique configurations, including:



10-Gauge Steel Construction with Extension Springs (STMX1)



10-Gauge Steel Construction with Compression Springs (STMC1)



UHMW Poly Construction with Extension Springs (SPMX1)



10-Gauge Steel Construction with Torsion Trip Edge (STTT1)



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## 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
- Curb Cut (Mailbox Cut)
- Extra Ribs
- UHMW Poly Construction
- 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



### Cutting Edge Options

- High Carbon Steel
  - Rubber
  - UHMW Poly
  - Carbide Insert with Cover Blade
  - Flame Hardened
  - PolarFlex Systems
- All cutting edges available in various sizes

### Other Options

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



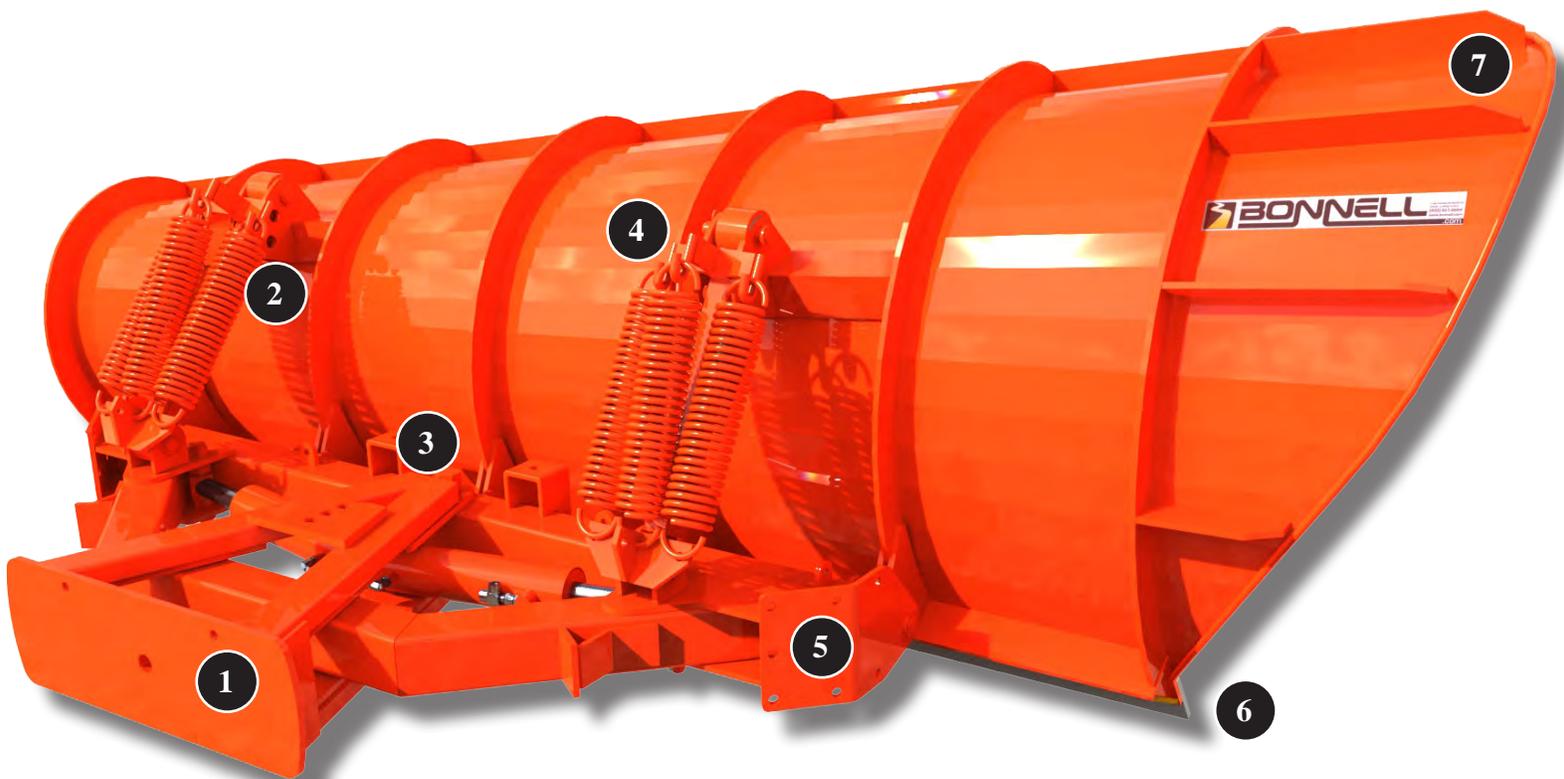
### Paint Options

- Special Paint Available

# HIGH COUNTRY TAPERED

## S T A N D A R D F E A T U R E S

1. Deep "C" A-Frame
2. [3] Adjustable Pitch Settings
3. 5" x 5" x 3/8" HD Square Tube Table, 90" wide Push Frame, and Massive 3-1/2" Round Pivot Bushing
4. [2] Telescopic Trip Bars, [6] Extension Trip Springs and [4] 3" Poly Bushings for Return Trip Cushion
5. [5] Table to Moldboard Hook-Up Points with 1-1/2" Thick Ribs, 3" Bearing Surface and 1-1/4" Pins
6. 7" x 4" x 1/2" Fully Boxed Bottom Angle
7. Extended Roll Moldboard Continuously Welded



BASE MODEL 11TA3153MX1 SHOWN

Bonnell High Country Tapered 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 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 extension springs return the moldboard to its plowing position. This minimizes damage to the streets, plow, truck and driver.

## HC Tapered Snow Plow Specifications

MODEL NUMBER	CUTTING EDGE LENGTH	OVERALL LENGTH	LEADING END HEIGHT	DISCHARGE END HEIGHT	DISCHARGE END OVERHANG	NUMBER OF SPRINGS	CUTTING SWATH @ 35°	APPROXIMATE WEIGHT OF BASE UNIT
10TA2848MX1	10'0"	11'	28"	48"	14"	6	8' 2"	2,069 LBS.
11TA2749MX1	11'0"	12'	27"	49"	15"	6	9' 0"	2,136 LBS.
12TA2650MX1	12'0"	13'	26"	50"	16"	6	9' 9"	2,213 LBS.
10TA3252MX1	10'0"	12'	32"	52"	16"	6	8' 2"	2,109 LBS.
11TA3153MX1	11'0"	13'	31"	53"	17"	6	9' 0"	2,179 LBS.
12TA3054MX1	12'0"	14'	30"	54"	19"	6	9' 9"	2,258 LBS.
14TA3960MX1	10'0"	12'	39"	60"	18"	6	8' 2"	2,192 LBS.
11TA3861MX1	11'0"	13'	38"	61"	19"	6	9' 0"	2,267 LBS.
12TA3762MX1	12'0"	14'	37"	62"	20"	6	9' 9"	2,351 LBS.
12TA4272MX1	12'0"	14'	42"	72"	20"	6	9' 9"	2,551 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 3/8" Wall Front Push Tube

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

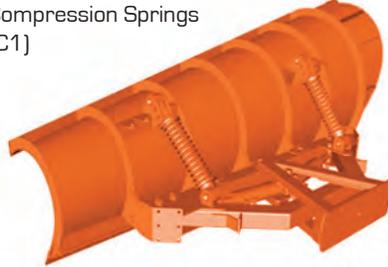
Cylinder Pins: 1-1/4" C1045 Steel Pins

The Bonnell HC Straight is available in multiple unique configurations, including:

10-Gauge Steel Construction with Extension Springs (TAMX1)



10-Gauge Steel Construction with Compression Springs (TAMC1)



One-Way Table Option (TAMX5)



10-Gauge Steel Construction with Torsion Trip Edge (TATT1)



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## 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
- Land Slide
- 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



### Cutting Edge Options

- High Carbon Steel
  - Rubber
  - UHMW Poly
  - Carbide Insert with Cover Blade
  - Flame Hardened
  - PolarFlex Systems
- All cutting edges available in various sizes

### Other Options

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



### Paint Options

- Special Paint Available