



UTILITY STRAIGHT PLOW STANDARD FEATURES



- 1. 3/8" Formed plate a-frame
- 2. 3" x 3" x 1/4" tube front push frame
- 3. (2) Single acting 2" x 10" reversing cylinders
- 4. 1" Thick swivel skid shoes
- 5. (6) Table to moldboard hook-up points with 3/4" pins
- 6. 15" Extended overhang
- 7. (8) 3/8" Ribs

UTILITY STRAIGHT PLOW SPECIFICATIONS

MODEL NUMBER	LENGTH	HEIGHT	TRIP MECHANISM	CUTTING SWATH @ 35°	MOLD-BOARD TYPE	APPROXIMATE WEIGHT OF BASE UNIT
9ST31M4	9'0"	31"	MOLDBOARD	7' 9-1/2"	STEEL	975 LBS
10ST31M4	10'0"	31"	MOLDBOARD	8'8"	STEEL	1025 LBS
9SP31M4	9'0"	31"	MOLDBOARD	7' 9-1/2"	POLY	975 LBS
10SP31M4	10'0"	31"	MOLDBOARD	8'8"	POLY	1025 LBS
9ST31T4	9'0"	31"	TRIP-EDGE	7' 9-1/2"	STEEL	1175 LBS
10ST31T4	10'0"	31"	TRIP-EDGE	8'8"	STEEL	1225 LBS
9SP31T4	9'0"	31"	TRIP-EDGE	7' 9-1/2"	POLY	1175 LBS
10SP31T4	10'0"	31"	TRIP-EDGE	8'8"	POLY	1225 LBS

* Longer lengths available upon request

Moldboard Thickness:	10 Gauge(3/8" Poly optional on straight model only)
Moldboard Reinforcing:	(8)-3/8" x 3" Vertical Ribs
Moldboard Pitch	15" off vertical
Reversing Table:	3" x 2" x 1/4" Structural Tubing
Lower Reinforcing Angle:	4" x 4" x 1/2" Angle
Front Push Beam on Table:	3" x 3" x 1/4" Structural Tubing
A-Frame:	3/8" Steel Plate
Reversing Cylinders:	2" x 10" Single Acting
Reversing Limits (left and right):	30 degrees
Plow to Table Hinge Points:	(5) 1-1/4" Hinge Pins, Spanning 90"
Cutting Edge:	5/8" x 6" High Carbon Steel Standard Punch
Pivot Pin:	1" Grade Five Bolt
Cylinder Pins:	1" C1045 Steel Pins
Plow to Table Hinge Points:	(6) Spanning 69", 3/4" Pins
Number of Trip Springs:	(6) .400 Wire Extension Trip
Lift Chain:	5/16" Hi-Test Chain

Designed for trucks with a minimum 6,500 lb. front axle weight rating on applicable trucks, the Bonnell Utility Plow is built with the same attention to detail and quality as our larger plows. These plows are light enough for commercial and industrial use, yet strong enough for the most demanding municipal plowing.

Available in steel or polyethylene with either a full-trip moldboard or trip edge, all Bonnell Straight and Tapered Utility Plows include a swivel bar with push ears, AR400 skid shoes and 5/16" hi-test chain lift.

UTILITY TAPERED PLOW STANDARD FEATURES



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| 1. 3/8" Formed plate a-frame | 2. 3" x 3" x 1/4" tube front push frame |
| 3. (2) Single acting 2" x 10" reversing cylinders | 4. 1" Thick swivel skid shoes |
| 5. (6) Table to moldboard hook-up points with 3/4" pins | 6. 15" Extended overhang |
| | 7. (8) 3/8" Ribs |

UTILITY TAPERED PLOW SPECIFICATIONS

MODEL NUMBER	9TA2742M4	10TA2643M4	9TA2742T4	10TA2643T4
CUTTING EDGE LENGTH	9'0"	10'0"	9'0"	10'0"
LEADING EDGE MOLDBOARD HEIGHT	27"	26"	27"	26"
DISCHARGE END MOLDBOARD HEIGHT	42'	43'	42'	43'
LEADING END OVERHANG	12-1/2"	12"	12-1/2"	12"
DISCHARGE END OVERHANG	19-1/2"	20"	19-1/2"	20"
CUTTING SWATH @ 30°	7' 9-1/2"	8'8"	7' 9-1/2"	8'8"
APPROXIMATE WEIGHT OF BASE UNIT	1050 LBS	1100 LBS	1250 LBS	1300 LBS

* longer lengths available upon request

Moldboard Thickness:	10 Gauge(3/8" Poly optional on straight model only)
Moldboard Reinforcing:	(8)-3/8" x 3" Vertical Ribs
Moldboard Pitch	15° off vertical
Reversing Table:	3" x 2" x 1/4" Structural Tubing
Lower Reinforcing Angle:	4" x 4" x 1/2" Angle
Front Push Beam on Table:	3" x 3" x 1/4" Structural Tubing
A-Frame:	3/8" Steel Plate
Reversing Cylinders:	2" x 10" Single Acting
Reversing Limits (left and right):	30 degrees
Plow to Table Hinge Points:	(6) Spanning 69" 3/4" PINS
Pivot Pin:	1" Grade Five Bolt
Cylinder Pins:	1" C1045 Steel Pins
Number of Trip Springs:	(6) .400 Wire Extension Trip
Lift Chain:	5/16" Hi-Test Chain

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