



1700 Series Blade Plow Specifications

Product Attributes	1760-35	1770-40	1790-52	1710-64
Approximate Weight	12,210 lbs. (5,540 kg)	15,890 lbs. (7,210 kg)	19,690 lbs. (8,935 kg)	25,830 lbs. (11,716 kg)
Working Width	35 ft. 0 in. (10.7 m)	40 ft. 6 in. (12.3 m)	52 ft. 0 in. (15.9 m)	63 ft. 6 in. (19.4 m)
Transport Width	19 ft. 6 in. (6.0 m)	24 ft. 3 in. (7.4 m)	27 ft. 6 in. (8.4 m)	30 ft. 0 in. (9.1 m)
Transport Height	14 ft. 8 in. (4.5 m)	11 ft. 10 in. (3.6 m)	13 ft. 10 in. (4.2 m)	15 ft. 8 in. (4.8 m)
Road Clearance	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)
Number of Sections	6	7	9	11
Coulter Blade Size	22 in. (610 mm) Smooth Coulters w/ 5 Bolt Hubs	22 in. (610 mm) Smooth Coulters w/ 5 Bolt Hubs	22 in. (610 mm) Smooth Coulters w/ 5 Bolt Hubs	22 in. (610 mm) Smooth Coulters w/ 5 Bolt Hubs
Sweeps	6 ft. (1.8 m) x 75 Degree; Top Hard Faced	6 ft. (1.8 m) x 75 Degree; Top Hard Faced	6 ft. (1.8 m) x 75 Degree; Top Hard Faced	6 ft. (1.8 m) x 75 Degree; Top Hard Faced
Operating Depth Range	2 in. to 6 in. (51 mm to 152 mm)	2 in. to 6 in. (51 mm to 152 mm)	2 in. to 6 in. (51 mm to 152 mm)	2 in. to 6 in. (51 mm to 152 mm)
Under Frame Clearance	26 in. (660 mm)	26 in. (660 mm)	26 in. (660 mm)	26 in. (660 mm)
Frame	4 in. x 4 in. x 0.375 in. (101 x 101 x 10 mm) Main Frame; 4 in. x 4 in. x 0.3125 in. (101 x 101 x 8 mm) Wing Hinge; 5 in. x 4 in. x 0.375 in. (127 x 101 x 10 mm) Front Frame	4 in. x 4 in. x 0.375 in. (101 x 101 x 10 mm) Main Frame; 4 in. x 4 in. x 0.3125 in. (101 x 101 x 8 mm) Wing Hinge; 5 in. x 4 in. x 0.375 in. (127 x 101 x 10 mm) Front Frame	4 in. x 4 in. x 0.375 in. (101 x 101 x 10 mm) Main Frame; 4 in. x 4 in. x 0.3125 in. (101 x 101 x 8 mm) Wing Hinge; 5 in. x 4 in. x 0.375 in. (127 x 101 x 10 mm) Front Frame	4 in. x 4 in. x 0.375 in. (101 x 101 x 10 mm) Main Frame; 4 in. x 4 in. x 0.3125 in. (101 x 101 x 8 mm) Wing Hinge; 5 in. x 4 in. x 0.375 in. (127 x 101 x 10 mm) Front Frame
Frame Construction	Laser Cut/Matchcut Components, Robotically Welded	Laser Cut/Matchcut Components, Robotically Welded	Laser Cut/Matchcut Components, Robotically Welded	Laser Cut/Matchcut Components, Robotically Welded
Transport Lift Axles	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots
Tire Size	(7) 380/55R x 16.5 Radial Tires	(8) 380/55R x 16.5 Radial Tires	(10) 380/55R x 16.5 Radial Tires	(2) 480/45R x 17 and (10) 380/55R x 16.5 Radial Tires
Wheel Hubs	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles	3 in. (76.2 mm) Slip-In Spindles	3 in. (76.2 mm) Slip-In Spindles	3 in. (76.2 mm) Slip-In Spindles	3 in. (76.2 mm) Slip-In Spindles
Hitch Type	Self-Leveling Over Center Frame Hitch	Self-Leveling Over Center Frame Hitch	Self-Leveling Over Center Frame Hitch	Self-Leveling Over Center Frame Hitch
Hitch Category	Cat. IV Single Lip Hitch Clevis w/Ball (2.0 in. Hole)	Cat. IV Single Lip Hitch Clevis w/Ball (2.0 in. Hole)	Cat. IV Single Lip Hitch Clevis w/Ball (2.0 in. Hole)	Cat. IV Single Lip Hitch Clevis w/Ball (2.0 in. Hole)
Machine Depth Control	Cylinders with Adjustable Anchors	Cylinders with Adjustable Anchors	Cylinders with Adjustable Anchors	Cylinders with Adjustable Anchors
LED Warning Lights & SMV Emblem	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard
Adjustment Wrench	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard
Spare Tire and Wheel Assembly	Optional	Optional	Optional	Optional
Cat. V Single Lip Hitch Clevis w/Ball (2.75 in. Hole)	Optional	Optional	Optional	Optional
Rear Tow Hitch With Hydraulic Hoses	Optional	Optional	Optional	Optional
Rolling Treader Package	Optional	Optional	Optional	Optional
Treader Specifications	20 in. (508 mm) Diameter; 7 Teeth (0.375 in. x 1.75 in. x 11 in.); 5" Hard Surfacing per Tooth	20 in. (508 mm) Diameter; 7 Teeth (0.375 in. x 1.75 in. x 11 in.); 5" Hard Surfacing per Tooth	20 in. (508 mm) Diameter; 7 Teeth (0.375 in. x 1.75 in. x 11 in.); 5" Hard Surfacing per Tooth	20 in. (508 mm) Diameter; 7 Teeth (0.375 in. x 1.75 in. x 11 in.); 5" Hard Surfacing per Tooth
Number of Arms	1 Per Section	1 Per Section	1 Per Section	1 Per Section
Treader Protection	Adjustable Spring Loaded Down Pressure	Adjustable Spring Loaded Down Pressure	Adjustable Spring Loaded Down Pressure	Adjustable Spring Loaded Down Pressure
Treader Bearings	Greaseable Flanged Bearing	Greaseable Flanged Bearing	Greaseable Flanged Bearing	Greaseable Flanged Bearing
Hydraulic Treader Lift	Optional	Optional	Optional	Optional
Horsepower Requirements	40 HP (30 kW) per Section	40 HP (30 kW) per Section	40 HP (30 kW) per Section	40 HP (30 kW) per Section