



2400 Series Weatherproofer (WP1) Specifications

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Product Attributes	2411-6-24	2411AFG-7-24	2411AFG-9-24	2431-11-24	2431-13-24
Approximate Weight	17,175 lbs. (7,790 kg)	26,850 lbs. (12,179 kg)	28,996 lbs. (13,152 kg)	38,775 lbs. (17,588 kg)	40,800 lbs. (18,507 kg)
Working Width	12 ft. 0 in. (3.7 m)	14 ft. 0 in. (4.3 m)	18 ft. 0 in. (5.5 m)	22 ft. 0 in. (6.7 m)	26 ft. 0 in. (7.9 m)
Transport Width	15 ft. 4 in. (4.7 m)	15 ft. 6 in. (4.7 m)	15 ft. 6 in. (4.7 m)	18 ft. 1 in. (5.5 m)	18 ft. 1 in. (5.5 m)
Transport Height (Excluding Rear Attachment)	N/A	12 ft. 4 in. (3.8 m)	13 ft. 6 in. (4.1 m)	12 ft. 9 in. (3.9 m)	14 ft. 0 in. (4.3 m)
Number of Disc Blades - Front	16	18	24	28	32
Number of Disc Blades - Rear	18	20	24	30	34
Blade Spacing - Front	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)
Blade Spacing - Rear	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)	10.5 in. (267 mm)
Blade Sizes	24 in. x 0.25 in. (610 x 6.4 mm) Rollable 24 in. x 0.25 in. (610 x 6.4 mm) 26 in. x 0.25 in. (660 x 6.4 mm) 26 in. x 0.3125 in. (660 x 7.9 mm)	24 in. x 0.25 in. (610 x 6.4 mm) Rollable 24 in. x 0.25 in. (610 x 6.4 mm) 26 in. x 0.25 in. (660 x 6.4 mm) 26 in. x 0.3125 in. (660 x 7.9 mm)	24 in. x 0.25 in. (610 x 6.4 mm) Rollable 24 in. x 0.25 in. (610 x 6.4 mm) 26 in. x 0.25 in. (660 x 6.4 mm) 26 in. x 0.3125 in. (660 x 7.9 mm)	24 in. x 0.25 in. (610 x 6.4 mm) Rollable 24 in. x 0.25 in. (610 x 6.4 mm) 26 in. x 0.25 in. (660 x 6.4 mm) 26 in. x 0.3125 in. (660 x 7.9 mm)	24 in. x 0.25 in. (610 x 6.4 mm) Rollable 24 in. x 0.25 in. (610 x 6.4 mm) 26 in. x 0.25 in. (660 x 6.4 mm) 26 in. x 0.3125 in. (660 x 7.9 mm)
Blade Concavity	3 in. (76.2 mm)	3 in. (76.2 mm)	3 in. (76.2 mm)	3 in. (76.2 mm)	3 in. (76.2 mm)
Blade Scrapers	4.5 in. (114 mm) Adjustable	4.5 in. (114 mm) Adjustable	4.5 in. (114 mm) Adjustable	4.5 in. (114 mm) Adjustable	4.5 in. (114 mm) Adjustable
Blade Scraper Mount	Heavy-Duty 0.5 in. (12.7 mm) Spring Steel Arm	Heavy-Duty 0.5 in. (12.7 mm) Spring Steel Arm	Heavy-Duty 0.5 in. (12.7 mm) Spring Steel Arm	Heavy-Duty 0.5 in. (12.7 mm) Spring Steel Arm	Heavy-Duty 0.5 in. (12.7 mm) Spring Steel Arm
Gang Spools - Front	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter
Gang Spools - Rear	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter	5.5 in. (140 mm) Diameter
Gang Angle - Front	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable
Gang Angle - Rear	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable	15 Degrees Non-Adjustable
Gang Shaft	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round
Number of Gang Bearings - Front	6	6	8	8	10
Number of Gang Bearings - Rear	6	6	6	8	10
Gang Bearing Type	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals
Gang Height Adjustability	12 in. (304.8 mm)	12 in. (304.8 mm)	12 in. (304.8 mm)	12 in. (304.8 mm)	12 in. (304.8 mm)
Number of Shanks	6	7	9	11	13
Shank Spacing	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)
Shank Working Depth (Maximum)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)
Point Load	3,000 lbs. (1,361 kg)	3,000 lbs. (1,361 kg)	3,000 lbs. (1,361 kg)	3,000 lbs. (1,361 kg)	3,000 lbs. (1,361 kg)
Trip Height	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)
Shank Size	1.25 in. x 4 in. (31.8 x 102 mm)	1.25 in. x 4 in. (31.8 x 102 mm)	1.25 in. x 4 in. (31.8 x 102 mm)	1.25 in. x 4 in. (31.8 x 102 mm)	1.25 in. x 4 in. (31.8 x 102 mm)
Shank Type	Auto-Reset Parabolic	Auto-Reset Parabolic	Auto-Reset Parabolic	Auto-Reset Parabolic	Auto-Reset Parabolic
Standard Point	2.5 in. (63.5 mm) CADI Point	2.5 in. (63.5 mm) CADI Point	2.5 in. (63.5 mm) CADI Point	2.5 in. (63.5 mm) CADI Point	2.5 in. (63.5 mm) CADI Point
Standard Wear Guard	V-Shaped CADI Wear Guard	V-Shaped CADI Wear Guard	V-Shaped CADI Wear Guard	V-Shaped CADI Wear Guard	V-Shaped CADI Wear Guard
Frame	8 in. x 4 in. x 0.375 in. (203 x 102 x 9.5 mm) and 6 in. x 4 in. x 0.375 in. (153 x 102 x 9.5 mm)	8 in. x 4 in. x 0.375 in. (203 x 102 x 9.5 mm) and 6 in. x 4 in. x 0.375 in. (153 x 102 x 9.5 mm)	8 in. x 4 in. x 0.375 in. (203 x 102 x 9.5 mm) and 6 in. x 4 in. x 0.375 in. (153 x 102 x 9.5 mm)	8 in. x 4 in. x 0.375 in. (203 x 102 x 9.5 mm) and 6 in. x 4 in. x 0.375 in. (153 x 102 x 9.5 mm)	8 in. x 4 in. x 0.375 in. (203 x 102 x 9.5 mm) and 6 in. x 4 in. x 0.375 in. (153 x 102 x 9.5 mm)
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	Laser Cut/Matchcut Components, Robotically Welded



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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	5.5 in. (140 mm) with UHMW Maintenance Free Pivots
Transport Axle Type	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots
Tire Size - Main Frame	(4) 340/60R x 18	(4) 445/50R x 22.5	(4) 445/50R x 22.5	(4) 445/50R x 22.5	(4) 445/50R x 22.5
Wheel Hubs - Main Frame	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles - Main Frame	2.25 in. (57.2 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles
Tire Size - Wing Frame	N/A	N/A	N/A	(4) 295/75R x 22.5	(4) 295/75R x 22.5
Wheel Hubs - Wing Frame	N/A	N/A	N/A	8-Bolt	8-Bolt
Spindles - Wing Frame	N/A	N/A	N/A	3 in. (76.2 mm) Slip-In Spindles	3 in. (76.2 mm) Slip-In Spindles
Hitch Type	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment
Hitch Category	Cast Single Lip Cat. IV with Ball	Cast Single Lip Cat. IV with Ball	Cast Single Lip Cat. IV with Ball	Cast Single Lip Cat. IV with Ball	Cast Single Lip Cat. IV with Ball
Machine Depth Control	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted
LED Safety Warnings Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard
Adjustment Wrenches	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard	Standard
Cat. III Single Lip Hitch Clevis	Optional	Optional	Optional	Optional	Optional
Cat. V Single Lip Hitch Clevis	Optional	Optional	Optional	Optional	Optional
Shark Fin CADI Point	Optional	Optional	Optional	Optional	Optional
7 in. Wing Point with Chrome Cap	Optional	Optional	Optional	Optional	Optional
7 in. Wing Point with Cast Cap	Optional	Optional	Optional	Optional	Optional
10 in. Wing Point with Chrome Cap	Optional	Optional	Optional	Optional	Optional
10 in. Wing Point with Cast Cap	Optional	Optional	Optional	Optional	Optional
Spare Tire & Wheel Assembly	Optional	Optional	Optional	Optional	Optional
Rigid Shear Bolt Shank	Optional	Optional	Optional	Optional	Optional
Horsepower Requirements	50 HP and up (27 kW) per Shank	50 HP and up (27 kW) per Shank	50 HP and up (27 kW) per Shank	50 HP and up (27 kW) per Shank	50 HP and up (27 kW) per Shank