



877 Series Tilloll Specifications

Product Attributes	877-10	877-13	877-15	877-30	877-35	877-40
Approximate Weight	5,460 lbs. (2,477 kg)	7,420 lbs. (3,366 kg)	8,920 lbs. (4,046 kg)	17,430 lbs. (7,906 kg)	19,580 lbs. (8,881 kg)	22,240 lbs. (10,088 kg)
Working Width	10 ft. 6 in. (3.2 m)	13 ft. 6 in. (4.1 m)	15 ft. 0 in. (4.6 m)	30 ft. 0 in. (9.1 m)	34 ft. 6 in. (10.5 m)	40 in. 0 in. (12.2 m)
Transport Width	12 ft. 0. (3.7 m)	15 ft. 0 in. (4.6 m)	16 ft. 6 in. (5.0 m)	16 ft. 6 in. (5.0 m)	17 ft. 9 in. (5.4 m)	17 ft. 9 in. (5.4 m)
Transport Height	N/A	N/A	N/A	8 ft. 6 in. (2.6 m)	13 ft. 0 in. (4.0 m)	13 ft. 9 in. (4.2 m)
Type of Fold	Non-Folding	Non-Folding	Non-Folding	180 Degree Fold System	Stack Fold System	Stack Fold System
Number of Shanks	14	18	20	40	46	52
Shank Type	Spring Clamp, Edge Bent Shank	Spring Clamp, Edge Bent Shank	Spring Clamp, Edge Bent Shank	Spring Clamp, Edge Bent Shank	Spring Clamp, Edge Bent Shank	Spring Clamp, Edge Bent Shank
Shank Size	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)	0.5625 in. x 1.75 in. (14.3 x 44.5 mm)
Point Load	170 lbs. (77 kg)	170 lbs. (77 kg)	170 lbs. (77 kg)	170 lbs. (77 kg)	170 lbs. (77 kg)	170 lbs. (77 kg)
Shank Spacing	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)
Under Frame Clearance	25.5 in. (648 mm)	25.5 in. (648 mm)	25.5 in. (648 mm)	25.5 in. (648 mm)	25.5 in. (648 mm)	25.5 in. (648 mm)
Sweeps	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)
Number of Blades	16	22	24	46	54	60
Soil Deflector/Spray Shield	Mounted Behind Gangs	Mounted Behind Gangs	Mounted Behind Gangs	Mounted Behind Gangs	Mounted Behind Gangs	Mounted Behind Gangs
Blade Diameter	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)
Blade Thickness	0.197 in. (5.0 mm)	0.197 in. (5.0 mm)	0.197 in. (5.0 mm)	0.197 in. (5.0 mm)	0.197 in. (5.0 mm)	0.197 in. (5.0 mm)
Blade Concavity	Low Concavity	Low Concavity	Low Concavity	Low Concavity	Low Concavity	Low Concavity
Blade Spacing	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)
Reversible Blade Scrapers	4 in. x 0.25 in. (102 x 6.35 mm)	4 in. x 0.25 in. (102 x 6.35 mm)	4 in. x 0.25 in. (102 x 6.35 mm)	4 in. x 0.25 in. (102 x 6.35 mm)	4 in. x 0.25 in. (102 x 6.35 mm)	4 in. x 0.25 in. (102 x 6.35 mm)
Gang Protection	C-Cushion	C-Cushion	C-Cushion	C-Cushion	C-Cushion	C-Cushion
Gang Angle	10 Degree	10 Degree	10 Degree	10 Degree	10 Degree	10 Degree
Gang Shaft	1.5 in. (38.1 mm)	1.5 in. (38.1 mm)	1.5 in. (38.1 mm)	1.5 in. (38.1 mm)	1.5 in. (38.1 mm)	1.5 in. (38.1 mm)
Gang Bearings	1.5 in. (38.1 mm) Flange Type Greaseable	1.5 in. (38.1 mm) Flange Type Greaseable	1.5 in. (38.1 mm) Flange Type Greaseable	1.5 in. (38.1 mm) Flange Type Greaseable	1.5 in. (38.1 mm) Flange Type Greaseable	1.5 in. (38.1 mm) Flange Type Greaseable
Chopper Reel and 3-Bar Spike Drag	Standard	Standard	Standard	Standard	Standard	Standard
Chopper Reel Size	16 in. (406 mm) Diameter	16 in. (406 mm) Diameter	16 in. (406 mm) Diameter	16 in. (406 mm) Diameter	16 in. (406 mm) Diameter	16 in. (406 mm) Diameter
Chopper Reel Bars	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled	5-Bar, 0.281 x 4 in. (7.1 x 102 mm) Beveled
Chopper Reel Bearings	Trunnion Bearings with C-Flex Protection	Trunnion Bearings with C-Flex Protection	Trunnion Bearings with C-Flex Protection	Trunnion Bearings with C-Flex Protection	Trunnion Bearings with C-Flex Protection	Trunnion Bearings with C-Flex Protection
Chopper Reel Angle	Mounted at 10 Degree Angle	Mounted at 10 Degree Angle	Mounted at 10 Degree Angle	Mounted at 10 Degree Angle	Mounted at 10 Degree Angle	Mounted at 10 Degree Angle
3-Bar Spike Drag	Adjustable Down Pressure	Adjustable Down Pressure	Adjustable Down Pressure	Adjustable Down Pressure	Adjustable Down Pressure	Adjustable Down Pressure
3-Bar Spike Drag Angle	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Spike Size	0.75 in. x 11 in. (19.0 x 0279 mm)	0.75 in. x 11 in. (19.0 x 0279 mm)	0.75 in. x 11 in. (19.0 x 0279 mm)	0.75 in. x 11 in. (19.0 x 0279 mm)	0.75 in. x 11 in. (19.0 x 0279 mm)	0.75 in. x 11 in. (19.0 x 0279 mm)
Spike Spacing	Spaced on 2.5 in. (63.5 mm) Centers	Spaced on 2.5 in. (63.5 mm) Centers	Spaced on 2.5 in. (63.5 mm) Centers	Spaced on 2.5 in. (63.5 mm) Centers	Spaced on 2.5 in. (63.5 mm) Centers	Spaced on 2.5 in. (63.5 mm) Centers
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	Laser Cut/Matchcut Components, Robotically Welded
Walking Tandems	Standard in All Locations	Standard in All Locations	Standard in All Locations	Standard in All Locations	Standard in All Locations	Standard in All Locations
Tire Size - Main Frame	(4) 280/70R x 15 Radial	(4) 280/70R x 15 Radial	(4) 280/70R x 15 Radial	(4) 320/70R x 15 Radial	(4) 320/70R x 15 Radial	(4) 320/70R x 15 Radial
Wheel Hubs - Main Frame	6-Bolt	6-Bolt	6-Bolt	8-Bolt	8-Bolt	8-Bolt



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Spindles - Main Frame	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 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
Tire Size - Wing Frame	N/A	N/A	N/A	(4) 320/70R x 15 Radial	(4) 320/70R x 15 Radial	(4) 320/70R x 15 Radial
Wheel Hubs - Wing Frame	N/A	N/A	N/A	8-Bolt	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	3 in. (76.2 mm) Slip-In Spindles
Hitch Category	Cat. III Single Lip	Cat. III Single Lip	Cat. III Single Lip	Cat. IV Single Lip with Ball Hitch	Cat. IV Single Lip with Ball Hitch	Cat. IV Single Lip with Ball Hitch
Machine Depth Control	Single Point Depth Control	Single Point Depth Control	Single Point Depth Control	Single Point Depth Control	Single Point Depth Control	Single Point Depth Control
Safety Warning Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard	Standard	Standard
10 in. Ultra Wing Sweeps	Optional	Optional	Optional	Optional	Optional	Optional
Cat. IV Single Lip Hitch Clevis	Optional	Optional	Optional	Standard	Standard	Standard
Cat. V Single Lip Hitch Clevis	N/A	N/A	N/A	Optional	Optional	Optional
Spare Tire and Wheel Assembly	Optional	Optional	Optional	Optional	Optional	Optional
Horsepower Requirements	11 to 12 HP (8 to 9 kW) per Foot	11 to 12 HP (8 to 9 kW) per Foot	11 to 12 HP (8 to 9 kW) per Foot	11 to 12 HP (8 to 9 kW) per Foot	11 to 12 HP (8 to 9 kW) per Foot	11 to 12 HP (8 to 9 kW) per Foot