



7800 Series HSL Specifications

Product Attributes	7812-13	7822-17	7822-20	7822-23	7833-25	7833-30	7833-35	7833-40
Approximate Weight (with Chevron Reels)	7,948 lbs. (3,605 kg)	21,661 lbs. (9,825 kg)	23,583 lbs. (10,697 kg)	24,896 lbs. (11,293 kg)	27,144 lbs. (12,312 kg)	29,417 lbs. (13,343 kg)	33,498 lbs. (15,194 kg)	35,803 lbs. (16,240 kg)
Working Width	13 ft. 4 in. (4.1 m)	16 ft. 8 in. (5.08 m)	20 ft. 0 in. (6.1 m)	23 ft. 4 in. (7.1 m)	25 ft. 0 in. (7.6 m)	30 ft. 0 in. (9.1 m)	35 ft. 0 in. (10.7 m)	40 ft. 0 in. (12.2 m)
Transport Width	16 ft. 0 in. (4.9 m)	13 ft. 2 in. (4.0 m)	13 ft. 2 in. (4.0 m)	13 ft. 2 in. (4.0 m)	12 ft. 0 in. (3.7 m)	12 ft. 0 in. (3.7 m)	12 ft. 0 in. (3.7 m)	12 ft. 0 in. (3.7 m)
Transport Height	N/A	13 ft. 4 in. (4.1 m)	13 ft. 4 in. (4.1 m)	13 ft. 4 in. (4.1 m)	13 ft. 2 in. (4.0 m)	13 ft. 2 in. (4.0 m)	13 ft. 2 in. (4.0 m)	13 ft. 2 in. (4.0 m)
Operating Depth Range	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)	2 in. to 5 in. (50.8 to 127 mm)
Number of Blades - Front	17	21	25	29	31	37	43	49
Number of Blades - Rear	16	20	24	28	30	36	42	48
Blade Diameter	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)	24 in. (610 mm)
Blade Thickness	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 mm)	0.25 in. (6.35 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)	3 in. (76.2 mm)	3 in. (76.2 mm)	3 in. (76.2 mm)
Blade Spacing - Front and Rear	10 in.	10 in.	10 in.	10 in.	10 in.	10 in.	10 in.	10 in.
Disc Angle - Front and Rear	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle	Pre-Set Non-Adjustable Compound Angle
Number of Disc Bearings - Front	17	21	25	29	31	37	43	49
Number of Disc Bearings - Rear	16	20	24	28	30	36	42	48
Disc Protection	Torsion Mounted	Torsion Mounted	Torsion Mounted	Torsion Mounted	Torsion Mounted	Torsion Mounted	Torsion Mounted	Torsion Mounted
Disc Bearings	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal	Individually Mounted with 5-Lip Seal
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	Laser Cut/Matchcut Components, Robotically Welded	Laser Cut/Matchcut Components, Robotically Welded
Transport Axles	Three-Point Lift Assist- Optional	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	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots
Wing Axles	N/A	Single Wheel	Single Wheel	Single Wheel	Walking Tandem	Walking Tandem	Dual Walking Tandem	Walking Tandem
Main Frame Tires	N/A	(2) 710/40R x 22.5 Tires	(2) 710/40R x 22.5 Tires	(2) 710/40R x 22.5 Tires	(2) 710/40R x 22.5 Tires	(2) 710/40R x 22.5 Tires	(2) 800/40R x 22.5 Tires	(2) 800/40R x 22.5 Tires
Main Frame Spindles	N/A	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	4 in. (102 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles	4 in. (102 mm) Slip-In Spindles
Main Frame Hubs	N/A	10 bolt	10 bolt	10 bolt	10-Bolt	10-Bolt	10-Bolt	10-Bolt
Wing Frame Tires	N/A	(2) 410/50R x 16.5 Tires	(2) 410/50R x 16.5 Tires	(2) 410/50R x 16.5 Tires	(4) 32/1550 x 16.5 Tires	(4) 32/1550 x 16.5 Tires	(4) 500/40R x 16.5 Tires	(4) 500/40R x 16.5 Tires
Wing Frame Spindles	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	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
Wing Frame Hubs	N/A	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Hitch Type	Three-Point Hitch	Floating Hitch	Floating Hitch	Floating Hitch	Floating Hitch	Floating Hitch	Floating Hitch	Floating Hitch
Hitch Category	Cat. III Quick Hitch Compatible	Cat. III Single Lip Ball Hitch with 1 1/2" (38.1 mm) Hole	Cat. III Single Lip Ball Hitch with 1 1/2" (38.1 mm) Hole	Cat. IV. Single Lip Ball Hitch with 2 in. (50.8 mm) Hole	Cat. IV. Single Lip Ball Hitch with 2 in. (50.8 mm) Hole	Cat. IV. Single Lip Ball Hitch with 2 in. (50.8 mm) Hole	Cat. IV. Single Lip Ball Hitch with 2 in. (50.8 mm) Hole	Cat. IV. Single Lip Ball Hitch with 2 in. (50.8 mm) Hole
Machine Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control	Single Point, Front Mounted Depth Control
Safety Warning Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Adjustment Wrenches	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Cat. V Single Lip Hitch with 3 in. Hole	N/A	N/A	N/A	N/A	Optional	Optional	Optional	Optional
Spare Tire and Wheel for Center Section	N/A	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Horsepower Requirements	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot	15 to 17 HP (11 to 13 kW) per Foot