



2500 Series In-Row Ripper Specifications

Rigid Shear Bolt Shanks, Folding Units

Product Attributes	2512F-7-30	2512F-8-30	2512F-9-30	2512F-10-30	2512F-11-30	2512F-12-30	2512F-13-30	2512F-14-30	2512F-15-30	2512F-16-30	
Approximate Weight	9,267 lbs. (4,203 kg)	10,239 lbs. (4,644 kg)	11,236 lbs. (5,097 kg)	20,036 lbs. (9,088 kg)	20,923 lbs. (9,491 kg)	21,879 lbs. (9,924 kg)	22,766 lbs. (10,326 kg)	23,934 lbs. (10,856 kg)	24,638 lbs. (11,176 kg)	25,905 lbs. (11,750 kg)	
Working Width	17 ft. 6 in. (5.3 m)	20 ft. 0 in. (6.1 m)	22 ft. 6 in. (6.9 m)	25 ft. 0 in. (7.6 m)	27 ft. 6 in. (8.4 m)	30 ft. 0 in. (9.1 m)	32 ft. 6 in. (9.9 m)	35 ft. 0 in. (10.7 m)	37 ft. 6 in. (11.4 m)	40 ft. 0 in. (12.2 m)	
Transport Width	13 ft. 11 in. (4.2 m)	16 ft. 5 in. (5.0 m)	13 ft. 11 in. (4.2 m)	16 ft. 5 in. (5.0 m)	18 ft. 11 in. (5.8 m)	13 ft. 11 in. (4.2 m)	18 ft. 11 in. (5.8 m)	21 ft. 5 in. (6.5 m)	18 ft. 11 in. (5.8 m)	21 ft. 5 in. (6.5 m)	
Frame Type	Three-Point Hitch Folding	Three-Point Hitch Folding	Three-Point Hitch Folding	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	Folding with Pull-Type Caddy	
Frame Structure	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	6 in. x 6 in. x 0.5 in. (152 x 152 x 13 mm) Rear Frame 6 in. x 4 in. x 0.5 in. (152 x 102 x 13 mm) Front Frame	
Frame Construction	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	
Frame Extensions	2 ft. 0 in. (0.6 m) Wing	2 ft. 0 in. (0.6 m) Wing	2 ft. 0 in. (0.6 m) Wing	4 ft. 4 in. (1.3 m) Wing	4 ft. 4 in. (1.3 m) Wing	6 ft. 10 in. (2.1 m) Wing	6 ft. 10 in. (2.1 m) Wing	6 ft. 10 in. (2.1 m) Wing	9 ft. 4 in. (2.8 m) Wing	9 ft. 4 in. (2.8 m) Wing	
Coulter Assemblies	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Number of Coulters	7	8	9	10	11	12	13	14	15	16	
Coulter Blade Diameter	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	22 in. (559 mm) Smooth Blade (Standard)	
Coulter Protection	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion	
Coulter Down Pressure	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)	
Coulter Trip Height	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)	
22 in. Ripple Coulter	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
22 in. Pyramid Coulter	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Number of Shanks	1-5-1	1-6-1	2-5-2	2-6-2	2-7-2	3-6-3	3-7-3	3-8-3	4-7-4	4-8-4	
Shank Type	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	
Shank Leg Type*	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank	1.25 in. x 5 in. x 36 in. (32.8 x 127 x 914 mm) Straight Leg Shank 1.25 in. x 4 in. x 36 in. (32.8 x 102 x 914 mm) Parabolic Shank 0.75 in. x 5 in. x 32 in. (19 x 127 x 813 mm) Low Disturbance Shank
Shank Spacing	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	30 in. (762 mm)	
Maximum Shank Working Depth	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	
Under Frame Clearance	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)	

*Units are equipped with choice of Straight Leg Shanks, Parabolic Shanks or Low Disturbance Shanks. Points and Wearstrips listed as Standard are included with each respective shank choice, unless Optional equipment is chosen.



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Points for Straight Leg Shanks	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)	2 in. (50.8 mm) V-Shaped Cast C.A.D.I. Point (Standard)
Wearstrips for Straight Leg Shanks	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)	C.A.D.I. Reversible Wearstrip (Standard)
Points for Parabolic Shanks	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)	2.375 in. (60.3 mm) V-Cap C.A.D.I. Point (Standard)
	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)	Shark Fin Point (Optional)
	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)	7 in. (178 mm) Wing Point (Optional)
Wearstrips for Parabolic Shanks	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)
Points for Low Disturbance Shanks	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)	2 in. (50.8 mm) V-Shaped Cast Point (Standard)
Wearstrips for Low Disturbance Shanks	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)	0.75 in. (19 mm) Wearstrip (Standard)
Gauge Wheels	(4) Standard	(4) Standard	(4) Standard	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)	(2) Standard (See Caddy Specs)
Gauge Wheel Type	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable
Gauge Wheel Hubs	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt	6-Bolt
Gauge Wheel Tire Size	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15	HD 280/70R x 15
Three-Point Hitch	Cat. III, IV	Cat. III, IV	Cat. III, IV	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pull-Hitch Caddy	Optional	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Pull-Hitch Caddy Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires	(4) 385/65R x 22.5 Radial Tires
Pull-Hitch Caddy Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch	Cat. IV Ball Hitch
Coverboard Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
12 in. Offset Shank Mounts	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear Hitch	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parking Stands	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Sapphire Blue	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
LED Warning Lights & SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Horsepower Requirements	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank	40 HP and up (30 kW) Per Shank
Recommended Operating Speed	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)	3 to 5 MPH (4.8 to 8.0 km/h)

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