



2500 Series In-Row Ripper Specifications

Rigid Shear Bolt Shanks, Non-Folding Units

Product Attributes	2511N-3-30	2511N-4-30	2511N-5-30	2512-5-30	2512-6-30	2512-7-30
Approximate Weight	2,410 lbs. (1,093 kg)	2,735 lbs. (1,241 kg)	3,345 lbs. (1,517 kg)	5,573 lbs. (2,528 kg)	7,219 lbs. (3,274 kg)	8,251 lbs. (3,743 kg)
Working Width	7 ft. 6 in. (2.3 m)	10 ft. 0 in. (3.0 m)	12 ft. 6 in. (3.8 m)	12 ft. 6 in. (3.8 m)	15 ft. 0 in. (4.6 m)	17 ft. 6 in. (5.3 m)
Transport Width	9 ft. 3 in. (2.8 m)	9 ft. 3 in. (2.8 m)	12 ft. 0 in. (3.7 m)	11 ft. 6 in. (3.5 m)	13 ft. 5 in. (4.1 m)	15 ft. 11 in. (4.9 m)
Frame Type	Narrow Non-Folding	Narrow Non-Folding	Narrow Non-Folding	Standard Non-Folding	Standard Non-Folding	Standard Non-Folding
Frame Structure	6 in. x 4 in. (152 x 102 mm) Double Bar Frame	6 in. x 4 in. (152 x 102 mm) Double Bar Frame	6 in. x 4 in. (152 x 102 mm) Double Bar 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
Frame Extensions	None	None	12 in. (305 mm) Bolt-On	None	12 in. (305 mm) Bolt-On	27 in. (686 mm) Bolt-On
Coulter Assemblies	Standard	Standard	Standard	Standard	Standard	Standard
Number of Coulters	3	4	5	5	6	7
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)
Coulter Protection	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)
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)
22 in. Ripple Coulter	Optional	Optional	Optional	Optional	Optional	Optional
22 in. Pyramid Coulter	Optional	Optional	Optional	Optional	Optional	Optional
Number of Shanks	3	4	5	5	6	7
Shank Type	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Rigid Shear Bolt Shank	Auto-Reset Spring Shank	Rigid Shear Bolt Shank
Shear Bolt Size	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8	0.625 in. x 3.5 in. (16 x 89 mm) Grade 8
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
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)
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)
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)

*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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Rigid Shear Bolt Shanks, Non-Folding Units

Product Attributes	2511N-3-30	2511N-4-30	2511N-5-30	2512-5-30	2512-6-30	2512-7-30
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)
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)
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)
	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)
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)
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)
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)
Gauge Wheels	(2) Standard	(2) Standard	(2) Standard	(2) Standard	(2) Standard	(2) Standard
Gauge Wheel Type	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
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
Three-Point Hitch	Cat. II, IIIN	Cat. II, IIIN	Cat. II, IIIN	Cat. III, IV	Cat. III, IV	Cat. III, IV
Coverboard Kit	Optional	Optional	Optional	Optional	Optional	Optional
12 in. Offset Shank Mounts	Optional	Optional	Optional	Optional	Optional	Optional
Pull-Hitch Caddy	N/A	N/A	N/A	Optional	Optional	Optional
Rear Hitch	N/A	Optional	Optional	Optional	Optional	Optional
Parking Stands	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Sapphire Blue	Standard	Standard	Standard	Standard	Standard	Standard
LED Warning Lights & SMV Emblem	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
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)

*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.