



# 2500 Series In-Row Ripper Specifications

Hydraulic Auto-Reset Shanks, Non-Folding Units

Product Attributes	2512-5-30	2512-6-30	2512-7-30
Approximate Weight	6,338 lbs. (2,875 kg)	8,120 lbs. (3,683 kg)	9,386 lbs. (4,257 kg)
Working Width	12 ft. 6 in. (3.8 m)	15 ft. 0 in. (4.6 m)	17 ft. 6 in. (5.3 m)
Transport Width	11 ft. 6 in. (3.5 m)	13 ft. 5 in. (4.1 m)	15 ft. 11 in. (4.9 m)
Frame Type	Standard Non-Folding	Standard Non-Folding	Standard Non-Folding
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
Frame Construction	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded	Laser Cut Components; Robotically Welded
Frame Extensions	None	12 in. (305 mm) Bolt-On	27 in. (686 mm) Bolt-On
Coulter Assemblies	Standard	Standard	Standard
Number of Coulters	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)
Coulter Protection	Adjustable Spring Cushion	Adjustable Spring Cushion	Adjustable Spring Cushion
Coulter Down Pressure	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)
22 in. Ripple Coulter	Optional	Optional	Optional
22 in. Pyramid Coulter	Optional	Optional	Optional
Number of Shanks	5	6	7
Shank Type	HD Hydraulic Auto-Reset Shank	HD Hydraulic Auto-Reset Shank	HD Hydraulic Auto-Reset 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	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	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
Shank Spacing	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)
Shank Trip Height	28 in. (711 mm)	28 in. (711 mm)	28 in. (711 mm)
Point Load	4,000 lbs. (1814 kg)	4,000 lbs. (1814 kg)	4,000 lbs. (1814 kg)
Under Frame Clearance	40.5 in. (1.0 m)	40.5 in. (1.0 m)	40.5 in. (1.0 m)
Points for Straight Leg Shanks	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)
Wearstrips for Straight Leg Shanks	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)
Points for Parabolic Shanks	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)	2.5 in. (63.5 mm) C.A.D.I. Point (Standard) 2.375 in. (60.3 mm) Shark Fin C.A.D.I. Point (Optional) 7 in. (178 mm) Wing Point w/Cast Cap (Optional) 7 in. (178 mm) Wing Point w/Chrome Cap (Optional) 10 in. (254 mm) Wing Point w/Chrome Cap (Optional)
Wearstrips for Parabolic Shanks	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)	C.A.D.I. Wearstrip (Standard)
Gauge Wheels	(2) Standard	(2) Standard	(2) Standard
Gauge Wheel Type	Turnbuckle Adjustable	Turnbuckle Adjustable	Turnbuckle Adjustable
Gauge Wheel Hubs	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
Three-Point Hitch	Cat. III, IV	Cat. III, IV	Cat. III, IV
Coverboard Kit	Optional	Optional	Optional
12 in. Offset Shank Mounts	Optional	Optional	Optional
Pull-Hitch Caddy	Optional	Optional	Optional
Rear Hitch	Optional	Optional	Optional
Parking Stands	Standard	Standard	Standard
Powder Coat Paint, Sapphire Blue	Standard	Standard	Standard
LED Warning Lights & SMV Emblem	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
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)

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