



2100 Series Coulter Chisel Specifications

Rigid Shear Bolt Shanks

Product Attributes	2112-9	2112-11	2112-13	2112-15	2132-17	2132-19	2132-21	2132-23	2132-25
Approximate Weight	14,114 lbs. (6,402 kg)	14,576 lbs. (6,612kg)	15,678 lbs. (7,111 kg)	16,140 lbs. (7,320 kg)	24,522 lbs. (11,123 kg)	24,985 lbs. (11,333 kg)	26,410 lbs. (11,979 kg)	26,870 lbs. (12,188 kg)	27,440 lbs. (12,447 kg)
Working Width	11 ft. 3 in. (3.4 m)	13 ft. 9 in. (4.2 m)	16 ft. 3 in. (5.0 m)	18 ft. 9 in. (5.7 m)	21 ft. 3 in. (6.5 m)	23 ft. 9 in. (7.2 m)	26 ft. 3 in. (8.0 m)	28 ft. 9 in. (8.8 m)	31 ft. 3 in. (9.5 m)
Transport Width	11 ft. 9 in. (3.6 m)	14 ft. 4 in. (4.4 m)	16 ft. 10 in. (5.1 m)	19 ft. 4 in. (5.9 m)	16 ft. 1 in. (4.9 m)	16 ft. 1 in. (4.9 m)	15 ft. 6 in. (4.7 m)	15 ft. 6 in. (4.7 m)	15 ft. 6 in. (4.7 m)
Transport Height	N/A	N/A	N/A	N/A	11 ft. 1 in. (3.4 m)	11 ft. 7 in. (3.5 m)	13 ft. 5 in. (4.1 m)	13 ft. 11 in. (4.2 m)	15 ft. 2 in. (4.6 m)
Number of Coulter Blades	19	23	27	31	35	39	43	47	51
Blade Spacing	7.5 in. (191 mm)								
Blade Size	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)	22 in. x 0.25 in. (559 x 6.4 mm)
Coulter Protection	Spring Cushioned/C-Flex								
Blade Scrapers	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)	Heavy-Duty 0.3125 in. x 6 in. (7.9 x 152 mm)
Blade Scraper Mount	C-Cushion Mounted								
Gang Spools	5.75 in. (146 mm) Diameter Solid Cast								
Gang Shaft	1.75 in. (44.5 mm) Round								
Number of Bearings	4	6	6	8	8	10	12	12	12
Gang Bearing Type	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals								
Number of Shanks	9	11	13	15	17	19	21	23	25
Shank Type	Rigid Shear Bolt								
Shank Spacing	15 in. (381 mm)								
Shank Mounts	Wrap-Around Design								
Shank Arms	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)	5 in. x 3 in. x 0.375 in. (127 x 76.2 x 9.5 mm)
Trip Height	14 in. (356 mm)								
Shank Size	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)	1.25 in. x 2.5 in. (31.8 x 63.5 mm)
Standard Shovels	4 in. (102 mm) Twisted								
Point Angle	50 or 60 Degree								
Shank Offset	12 in. (305 mm) on Rear Bar								
Under Frame Clearance	32 in. (813 mm)								
Frame	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)	6 in. x 4 in. x 0.375 in. (152 x 102 x 9.5 mm)
Frame Construction	Laser Cut/Matchcut Components, Robotically Welded								
Transport Lift Axles	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	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots
Transport Axle Type	Walking Tandems with Greaseable Pivots								



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Tire Size - Main Frame	(4) 340/65R x 18 Radial Tires	(4) 340/65R x 18 Radial Tires	(4) 340/65R x 18 Radial Tires	(4) 340/65R x 18 Radial Tires	(4) 400/60R x 18 Radial Tires				
Wheel Hubs - Main Frame	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles - Main Frame	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	3.25 in. (83 mm) Slip-In Spindles	3.25 in. (83 mm) Slip-In Spindles	3.25 in. (83 mm) Slip-In Spindles	3.25 in. (83 mm) Slip-In Spindles	3.25 in. (83 mm) Slip-In Spindles
Tire Size - Wing Frame	N/A	N/A	N/A	N/A	(4) 340/65R x 18 Radial Tires				
Wheel Hubs - Wing Frame	N/A	N/A	N/A	N/A	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles - Wing Frame	N/A	N/A	N/A	N/A	3 in. (76.2 mm) Slip-In Spindles				
Hitch Type	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment
Hitch Category	Cat. III Ball, Single Lip with 1.5 in. (38.1 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Ball, Single Lip with 2 in. (50.8 mm) Hole
Machine Depth Control	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted	Single Point, Front Mounted
Weight Kits Needed	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required	With Attachment - 3 Required
Safety Warning Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Adjustment Wrenches	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Cat. III Single Lip Hitch Clevis	Standard	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A
Cat. IV Single Lip Hitch Clevis	Optional	Standard							
Cat. V Single Lip Hitch Clevis	N/A	N/A	N/A	N/A	Optional	Optional	Optional	Optional	Optional
2 in. Straight Points	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
3 in. Twisted Shovels	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear Hitch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear Hitch With Hydraulic Hoses	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Spare Tire & Wheel Assembly	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Horsepower Requirements	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank