



2100 Series Coulter Chisel Specifications

Rigid Shear Bolt Shanks

Product Attributes	2110-7	2110-9	2111-11	2111-13	2111-15	2131-15	2131-17	2131-19	2131-21	2131-23	2131-25
Approximate Weight	6,403 lbs. (2,904 kg)	8,405 lbs. (3,812 kg)	9,887 lbs. (4,485 kg)	10,492 lbs. (4,759 kg)	11,075 lbs. (5,024 kg)	16,450 lbs. (7,462 kg)	18,378 lbs. (8,336 kg)	18,974 lbs. (8,606 kg)	21,605 lbs. (9,800 kg)	22,535 lbs. (10,222 kg)	23,375 lbs. (10,603 kg)
Working Width	8 ft. 9 in. (2.7 m)	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)	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	9 ft. 10 in. (3.0 m)	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)	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	N/A	10 ft. 0 in. (3.0 m)	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	15	19	23	27	31	31	35	39	43	47	51
Blade Spacing	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	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)	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	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	Spring Cushioned/ C-Flex	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)	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	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted	C-Cushion Mounted
Gang Spools	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast	5.75 in. (146 mm) Diameter Solid Cast
Gang Shaft	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round	1.75 in. (44.5 mm) Round
Number of Bearings	4	4	6	6	8	8	8	10	12	12	12
Gang Bearing Type	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals	C-Cushion Trunnion Mount, Greaseable Triple Lip Seals
Number of Shanks	7	9	11	13	15	15	17	19	21	23	25
Shank Type	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt	Rigid Shear Bolt
Shank Spacing	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)	15 in. (381 mm)
Shank Mounts	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	Wrap-Around Design	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)	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)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)	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)	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	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted	4 in. (102 mm) Twisted
Point Angle	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree	50 or 60 Degree
Shank Offset	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar	12 in. (305 mm) on Rear Bar
Under Frame Clearance	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	32 in. (813 mm)	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)	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)



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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	Laser Cut/Matchcut Components, Robotically Welded	Laser Cut/Matchcut Components, Robotically Welded	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	5.5 in. (140 mm) with UHMW Maintenance Free Pivots	5.5 in. (140 mm) with UHMW Maintenance Free Pivots
Transport Axle Type	Single Axle	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots	Walking Tandems with Greaseable Pivots
Tire Size - Main Frame	(2) 320/70R x 15 Radial Tires	(4) 320/70R x 15 Radial Tires	(4) 380/55R x 16.5 Radial Tires	(4) 380/55R x 16.5 Radial Tires	(4) 380/55R x 16.5 Radial Tires	(4) 410/50R x 16.5 Radial Tires	(4) 410/50R x 16.5 Radial Tires	(4) 410/50R x 16.5 Radial Tires	(4) 410/50R x 16.5 Radial Tires	(4) 410/50R x 16.5 Radial Tires	(4) 480/45R x 17 Radial Tires
Wheel Hubs - Main Frame	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles - Main Frame	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 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	3.5 in. (88.9 mm) Slip-In Spindles
Tire Size - Wing Frame	N/A	N/A	N/A	N/A	N/A	(2) 410/50R x 16.5 Radial Tires	(4) 320/70R x 15 Radial Tires	(4) 320/70R x 15 Radial Tires	(4) 320/70R x 15 Radial Tires	(4) 320/70R x 15 Radial Tires	(4) 320/70R x 15 Radial Tires
Wheel Hubs - Wing Frame	N/A	N/A	N/A	N/A	N/A	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt	8-Bolt
Spindles - Wing Frame	N/A	N/A	N/A	N/A	N/A	3 in. (76.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 mm) Slip-In Spindles	2.25 in. (57.2 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	Self-Leveling with Manual Adjustment	Self-Leveling with Manual Adjustment
Hitch Category	Cat. III Single Lip with 1.5 in. (38.1 mm) Hole	Cat. III Single Lip with 1.5 in. (38.1 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV Single Lip with 2 in. (50.8 mm) Hole	Cat. IV 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	Single Point, Front Mounted	Single Point, Front Mounted
Weight Kits Needed	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required	With Attachment - 4 Required, Without Attachment - 0 Required
Safety Warning Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Adjustment Wrenches	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint, Blue Sapphire	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Rear Jack	Standard, When Equipped with Chopper Reel	Standard, When Equipped with Chopper Reel	Standard, When Equipped with Chopper Reel	Standard, When Equipped with Chopper Reel	Standard, When Equipped with Chopper Reel	Standard	Standard	Standard	Standard	Standard	Standard



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Cat. III Single Lip Hitch Clevis	Standard	Standard	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A	N/A
Cat. IV Single Lip Hitch Clevis	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Cat. V Single Lip Hitch Clevis	N/A	N/A	N/A	N/A	N/A	Optional	Optional	Optional	Optional	Optional	Optional
2 in. Straight Points	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
3 in. Twisted Shovels	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear Hitch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear Hitch With Hydraulic Hoses	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Spare Tire & Wheel Assembly	Optional	Optional	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	20 to 30 HP (15 to 22 kW) per Shank	20 to 30 HP (15 to 22 kW) per Shank