



Pulvi-Mulcher Specifications

ML Series

Product Attributes	ML-1483, MCL-1483, MLC-1483, MCC-1483	MLS-1483, MCLS-1483, MLCS-1483, MCCS-1483	ML-1643, MCL-1643, MLC-1643, MCC-1643	MLS-1643, MCLS-1643, MLCS-1643, MCCS-1643	ML-1803, MCL-1803, MLC-1803, MCC-1803	MLS-1803, MCLS-1803, MLCS-1803, MCCS-1803	ML-2253, MCL-2253, MLC-2253, MCC-2253	MLS-2253, MCLS-2253, MLCS-2253, MCCS-2253
Approximate Weight	ML-1483: 6,314 lbs. (2,864 kg) MCL-1483: 6,184 lbs. (2,805 kg) MLC-1483: 6,151 lbs. (2,790 kg) MCC-1483: 6,078 lbs. (2,757 kg)	MLS-1483: 6,255 lbs. (2,837 kg) MCLS-1483: 6,126 lbs. (2,779 kg) MLCS-1483: 6,020 lbs. (2,731 kg) MCCS-1483: 5,890 lbs. (2,672 kg)	ML-1643: 6,666 lbs. (3,024 kg) MCL-1643: 6,454 lbs. (2,927 kg) MLC-1643: 6,382 lbs. (2,895 kg) MCC-1643: 6,215 lbs. (2,819 kg)	MLS-1643: 6,545 lbs. (2,969 kg) MCLS-1643: 6,421 lbs. (2,913 kg) MLCS-1643: 6,304 lbs. (2,859 kg) MCCS-1643: 6,137 lbs. (2,784 kg)	ML-1803: 7,015 lbs. (3,182 kg) MCL-1803: 6,882 lbs. (3,122 kg) MLC-1803: 6,718 lbs. (3,047 kg) MCC-1803: 6,586 lbs. (2,987 kg)	MLS-1803: 6,737 lbs. (3,056 kg) MCLS-1803: 6,605 lbs. (2,996 kg) MLCS-1803: 6,441 lbs. (2,922 kg) MCCS-1803: 6,310 lbs. (2,862 kg)	ML-2253: 8,313 lbs. (3,771 kg) MCL-2253: 8,175 lbs. (3,708 kg) MLC-2253: 7,986 lbs. (3,622 kg) MCC-2253: 7,879 lbs. (3,574 kg)	MLS-2253: 8,223 lbs. (3,730 kg) MCLS-2253: 8,086 lbs. (3,668 kg) MLCS-2253: 7,896 lbs. (3,582 kg) MCCS-2253: 7,789 lbs. (3,533 kg)
Working Width	12 ft. 6 in. (3.75 m)	12 ft. 6 in. (3.75 m)	13 ft. 10 in. (4.15 m)	13 ft. 10 in. (4.15 m)	15 ft. 2 in. (4.55 m)	15 ft. 2 in. (4.55 m)	18 ft. 9 in. (5.63 m)	18 ft. 9 in. (5.63 m)
Transport Width	13 ft. 6 in. (4.05 m)	13 ft. 6 in. (4.05 m)	14 ft. 5 in. (4.33 m)	14 ft. 5 in. (4.33 m)	15 ft. 9 in. (4.73 m)	15 ft. 9 in. (4.73 m)	19 ft. 6 in. (5.85 m)	19 ft. 6 in. (5.85 m)
Transport Height	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)	3 ft. 8 in. (1.1 m)
Overall Length (Transport)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)	19 ft. 10 in. (5.95 m)
Road Clearance	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)	9 in. (229 mm)
Pulverizer Wheels - Front								
Type of Wheel	ML-1483/MCL-1483: 20 in. (500 mm) Notched Ductile Iron	MLS-1483/MLCS-1483: 20 in. (500 mm) Notched Ductile Iron	ML-1643/MCL-1643: 20 in. (500 mm) Notched Ductile Iron	MLS-1643/MLCS-1643: 20 in. (500 mm) Notched Ductile Iron	ML-1803/MCL-1803: 20 in. (500 mm) Notched Ductile Iron	MLS-1803/MLCS-1803: 20 in. (500 mm) Notched Ductile Iron	ML-2253/MCL-2253: 20 in. (500 mm) Notched Ductile Iron	MLS-2253/MLCS-2253: 20 in. (500 mm) Notched Ductile Iron
Number of Wheels	MCL-1483/MCC-1483: 20 in. (500 mm) Crowfoot Ductile Iron	MCLS-1483/MCCS-1483: 20 in. (500 mm) Crowfoot Ductile Iron	MCL-1643/MCC-1643: 20 in. (500 mm) Crowfoot Ductile Iron	MCLS-1643/MCCS-1643: 20 in. (500 mm) Crowfoot Ductile Iron	MCL-1803/MCC-1803: 20 in. (500 mm) Crowfoot Ductile Iron	MCLS-1803/MCCS-1803: 20 in. (500 mm) Crowfoot Ductile Iron	MCL-2253/MCC-2253: 20 in. (500 mm) Crowfoot Ductile Iron	MCLS-2253/MCCS-2253: 20 in. (500 mm) Crowfoot Ductile Iron
	ML-1483/MCL-1483: 36	MLS-1483/MLCS-1483: 36	ML-1643/MCL-1643: 40	MLS-1643/MLCS-1643: 40	ML-1803/MCL-1803: 44	MLS-1803/MLCS-1803: 44	ML-2253/MCL-2253: 54	MLS-2253/MLCS-2253: 54
	MCL-1483/MCC-1483: 24	MCLS-1483/MCCS-1483: 24	MCL-1643/MCC-1643: 26	MCLS-1643/MCCS-1643: 26	MCL-1803/MCC-1803: 30	MCLS-1803/MCCS-1803: 30	MCL-2253/MCL-2253: 36	MCLS-2253/MCCS-2253: 36
Pulverizer Wheels - Rear								
Type of Wheel	ML-1483/MCL-1483: 20 in. (500 mm) Notched Ductile Iron	MLS-1483/MCLS-1483: 20 in. (500 mm) Notched Ductile Iron	ML-1643/MCL-1643: 20 in. (500 mm) Notched Ductile Iron	MLS-1643/MCLS-1643: 20 in. (500 mm) Notched Ductile Iron	ML-1803/MCL-1803: 20 in. (500 mm) Notched Ductile Iron	MLS-1803/MCLS-1803: 20 in. (500 mm) Notched Ductile Iron	ML-2253/MCL-2253: 20 in. (500 mm) Notched Ductile Iron	MLS-2253/MCLS-2253: 20 in. (500 mm) Notched Ductile Iron
Number of Wheels	MLC-1483/MCC-1483: 20 in. (500 mm) Crowfoot Ductile Iron	MLCS-1483/MCCS-1483: 20 in. (500 mm) Crowfoot Ductile Iron	MLC-1643/MCC-1643: 20 in. (500 mm) Crowfoot Ductile Iron	MLCS-1643/MCCS-1643: 20 in. (500 mm) Crowfoot Ductile Iron	MLC-1803/MCC-1803: 20 in. (500 mm) Crowfoot Ductile Iron	MLCS-1803/MCCS-1803: 20 in. (500 mm) Crowfoot Ductile Iron	MLC-2253/MCC-2253: 20 in. (500 mm) Crowfoot Ductile Iron	MLCS-2253/MCCS-2253: 20 in. (500 mm) Crowfoot Ductile Iron
	ML-1483/MCL1483: 37	MLS-1483/MCLS-1483: 37	ML-1643/MCL-1643: 41	MLS-1643/MCLS-1643: 41	ML-1803/MCL-1803: 45	MLS-1803/MCLS-1803: 45	ML-2253/MCL-2253: 55	MLS-2253/MCLS-2253: 55
	MLC-1483/MCC-1483: 25	MLCS-1483/MCCS-1483: 25	MLC-1643/MCC-1643: 27	MLCS-1643/MCCS-1643: 27	MLC-1803/MCC-1803: 30	MLCS-1803/MCCS-1803: 30	MLC-2253/MCL-2253: 37	MLCS-2253/MCCS-2253: 37
Rear Roller Scrapers	Standard on ML-1483 & MCL-1483	Standard on MLS-1483 & MCLS-1483	Standard on ML-1643 & MCL-1643	Standard on MLS-1643 & MCLS-1643	Standard on ML-1803 & MCL-1803	Standard on MLS-1803 & MCLS-1803	Standard on ML-2253 & MCL-2253	Standard on MLS-2253 & MCLS-2253
Roller Axle Size	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)	4 in. (102 mm)
Bearing Type	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal	1.5 in. (38 mm) Square Bore Bearing with Triple Lip Seal
Type of Shanks	Conventional “C” Teeth	12 mm “S-Tine” Teeth with 1.38 in. (35 mm) Reversible Point or 2.75 in. (70 mm) Shovel	Conventional “C” Teeth	12 mm “S-Tine” Teeth with 1.38 in. (35 mm) Reversible Point or 2.75 in. (70 mm) Shovel	Conventional “C” Teeth	12 mm “S-Tine” Teeth with 1.38 in. (35 mm) Reversible Point or 2.75 in. (70 mm) Shovel	Conventional “C” Teeth	12 mm “S-Tine” Teeth with 1.38 in. (35 mm) Reversible Point or 2.75 in. (70 mm) Shovel
Number of Shanks	23	23	27	27	29	29	35	35
Nominal Shank Spacing	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)
Maximum Shank Depth of Operation	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)	6 in. (153 mm)
Hitch	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift	Cat. II or III Pull-Type with Hydraulic Lift
Tire Size	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires	(4) 9.5L x 15-8 Ply Tires
Hydraulic Circuits Required	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)	2 (+1 for Rear Hitch)
Rear Hitch	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Front Roller Scraper Kit (Notched Rollers)	Optional on ML-1483 & MLC-1483	Optional on MLS-1483 & MLCS-1483	Optional on ML-1643 & MLC-1643	Optional on MLS-1643 & MLCS-1643	Optional on ML-1803 & MLC-1803	Optional on MLS-1803 & MLCS-1803	Optional on ML-2253 & MLC-2253	Optional on MLS-2253 & MLCS-2253
Land Leveler Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
V-Leveler Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Independent Hydraulic Tooth Control	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
LED Warning Lights and SMV Emblem	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Safety Chain Kit	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Powder Coat Paint	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Horsepower Requirements	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.	6 to 8 HP (4.5 to 6 kW) per ft.
Recommended Operating Speed	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)	3 to 6 MPH (5 to 10 km/h)