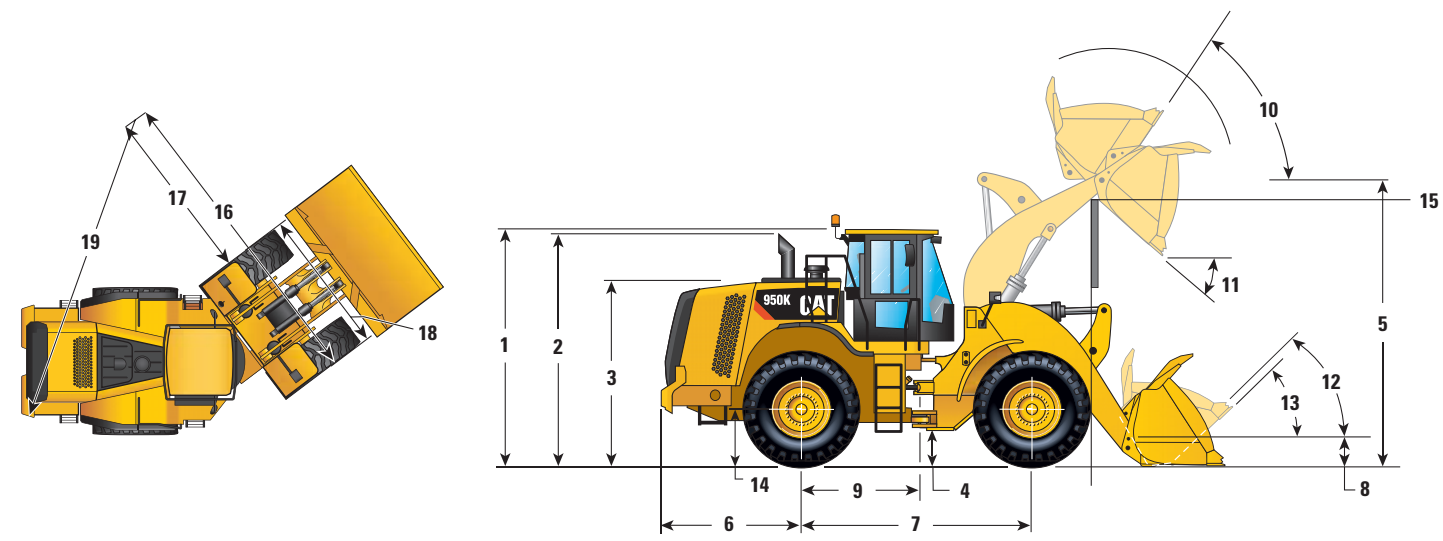


950K Wheel Loader

Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



1	Height to Top of ROPS	3356 mm	11'0"
2	Height to Top of Exhaust Pipe	3099 mm	10'2"
3	Height to Top of Hood	2415 mm	7'11"
4	Ground Clearance	397 mm	1'3"
5	B-Pin Height – Standard	4021 mm	13'2"
	B-Pin Height – High-Lift	4526 mm	14'10"
6	Center Line of Rear Axle to Edge of Counterweight	1905 mm	6'3"
7	Wheelbase	3350 mm	10'11"
8	B-Pin Height @ Carry – Standard	659 mm	26"
9	Center Line of Rear Axle to Hitch	1510 mm	4'11"
10	Rack Back @ Maximum Lift	59 degrees	
11	Dump Angle @ Maximum Lift	51 degrees	
12	Rack Back @ Carry	46 degrees	
13	Rack Back @ Ground	38 degrees	
14	Height to Center Line of Axle	746 mm	2'3"
15	Lift Arm Clearance	3275 mm	10'7"
	Lift Arm Clearance @ High Lift	3625 mm	11'9"

Turning Radius

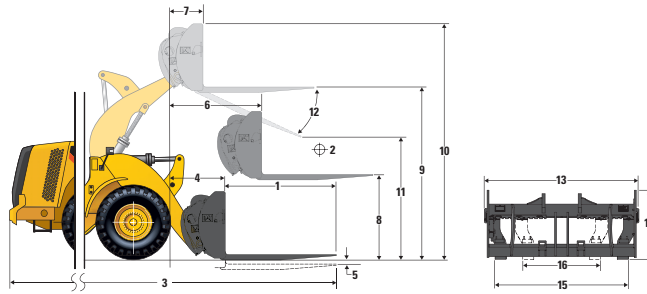
All dimensions are approximate and based on L3 Michelin XHA2 tires.

16	Clearance Circle to Outside of Tires	5952 mm	19'6"
17	Clearance Circle to Inside of Tires	3233 mm	10'7"
18	Width Over Tires	2719 mm	8'11"
19	Clearance Circle to Outside Edge of Counterweight	6025 mm	19'9"

950K Wheel Loader

Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



950K Standard Linkage with Fusion Pallet Fork

1 Tine Length	1219 mm	48.0"	1524 mm	60.0"	1829 mm	72.0"	2438 mm	96.0"
2 Load Center	610 mm	24.0"	762 mm	30.0"	915 mm	36.0"	1219 mm	48.0"
Static Tipping Load – Straight (Forks Level)	9742 kg	21,471 lb	9232 kg	20,347 lb	8763 kg	19,313 lb	7924 kg	17,464 lb
Static Tipping Load – Articulated (Forks Level)	8436 kg	18,592 lb	7985 kg	17,599 lb	7570 kg	16,685 lb	6827 kg	15,047 lb
Rated Load (SAE J1197 – 50% FTSTL)	4218 kg	9,296 lb	3993 kg	8,800 lb	3785 kg	8,343 lb	3414 kg	7,523 lb
Rated Load (CEN EN 474-3 Rough Terrain – 60% FTSTL)	5061 kg	11,155 lb	4791 kg	10,559 lb	4542 kg	10,011 lb	4096 kg	9,028 lb
Rated Load (CEN EN 474-3 Firm and Level Ground – 80% FTSTL)	6749 kg	14,874 lb	6388 kg	14,079 lb	6056 kg	13,348 lb	5424 kg	11,954 lb
3 Maximum Overall Length	8469 mm	333.4"	8774 mm	345.4"	9079 mm	357.4"	9688 mm	381.4"
4 Reach with Forks at Ground Level	1189 mm	46.8"	1189 mm	46.8"	1189 mm	46.8"	1189 mm	46.8"
5 Ground to Top of Tine at Minimum Height and Fork Level	22 mm	0.9"	22 mm	0.9"	22 mm	0.9"	22 mm	0.9"
6 Reach with Arms Horizontal and Forks Level	1728 mm	68.0"	1728 mm	68.0"	1728 mm	68.0"	1728 mm	68.0"
7 Reach with Fork at Maximum Height	1013 mm	39.9"	1013 mm	39.9"	1013 mm	39.9"	1013 mm	39.9"
8 Ground to Top of Tine with Arms Horizontal and Fork Level	1888 mm	74.3"	1888 mm	74.3"	1888 mm	74.3"	1888 mm	74.3"
9 Ground to Top of Tine at Maximum Height and Fork Level	3823 mm	150.5"	3823 mm	150.5"	3823 mm	150.5"	3823 mm	150.5"
10 Overall Height of Fork at Full Lift (top of carriage to ground)	4863 mm	191.5"	4863 mm	191.5"	4863 mm	191.5"	4863 mm	191.5"
11 Clearance at Full Lift and Maximum Dump	2535 mm	99.8"	2292 mm	90.2"	2049 mm	80.7"	1563 mm	61.5"
12 Maximum Discharge Angle from Horizontal	53 degrees		53 degrees		53 degrees		53 degrees	
13 Overall Carriage Width	2528 mm	99.5"	2528 mm	99.5"	2528 mm	99.5"	2528 mm	99.5"
14 Overall Carriage Height	1130 mm	44.5"	1130 mm	44.5"	1130 mm	44.5"	1130 mm	44.5"
15 Outside Tine Width (Maximum Spread)	2178 mm	85.7"	2178 mm	85.7"	2178 mm	85.7"	2178 mm	85.7"
16 Outside Tine Width (Minimum Spread)	576 mm	22.7"	576 mm	22.7"	576 mm	22.7"	576 mm	22.7"
Tine Width (Single Tine)	180 mm	7.1"	180 mm	7.1"	180 mm	7.1"	180 mm	7.1"
Tine Thickness	90 mm	3.5"	90 mm	3.5"	90 mm	3.5"	90 mm	3.5"
Operating Weight	19 382 kg	42,718 lb	19 445 kg	42,857 lb	19 507 kg	42,994 lb	19 632 kg	43,269 lb

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3 Michelin XHA tires, air conditioning, ride control, power train guard, full fluids, fuel tank, coolant, lubricants, and operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, CEN** EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:

SAE J1197: 50% of full turn static tipping load or hydraulic limit.

CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

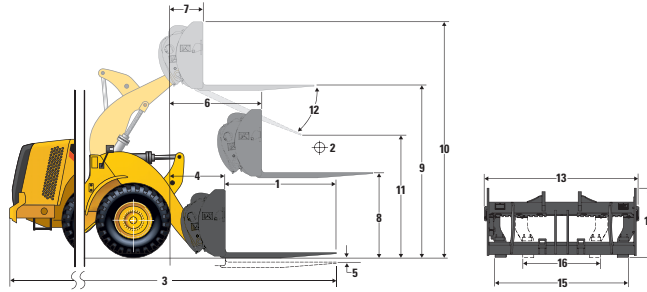
*SAE – Society of Automotive Engineers

**CEN – European Committee for Standardization

950K Wheel Loader

Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



950K Standard Linkage with Fusion Pallet Fork (Auxiliary Counterweight)

1 Tine Length	1219 mm	48.0"	1524 mm	60.0"	1829 mm	72.0"	2438 mm	96.0"
2 Load Center	610 mm	24.0"	762 mm	30.0"	915 mm	36.0"	1219 mm	48.0"
Static Tipping Load – Straight (Forks Level)	10 538 kg	23,226 lb	9993 kg	22,024 lb	9491 kg	20,918 lb	8595 kg	18,943 lb
Static Tipping Load – Articulated (Forks Level)	9096 kg	20,046 lb	8615 kg	18,989 lb	8174 kg	18,016 lb	7383 kg	16,273 lb
Rated Load (SAE J1197 – 50% FTSTL)	4548 kg	10,023 lb	4308 kg	9,494 lb	4087 kg	9,008 lb	3692 kg	8,137 lb
Rated Load (CEN EN 474-3 Rough Terrain – 60% FTSTL)	5457 kg	12,028 lb	5169 kg	11,393 lb	4904 kg	10,809 lb	4430 kg	9,764 lb
Rated Load (CEN EN 474-3 Firm and Level Ground – 80% FTSTL)	7276 kg	16,037 lb	6892 kg	15,191 lb	6539 kg	14,413 lb	5424 kg	11,954 lb
3 Maximum Overall Length	8619 mm	339.3"	8924 mm	351.3"	9229 mm	363.3"	9838 mm	387.3"
4 Reach with Forks at Ground Level	1189 mm	46.8"	1189 mm	46.8"	1189 mm	46.8"	1189 mm	46.8"
5 Ground to Top of Tine at Minimum Height and Fork Level	22 mm	0.9"	22 mm	0.9"	22 mm	0.9"	22 mm	0.9"
6 Reach with Arms Horizontal and Forks Level	1728 mm	68.0"	1728 mm	68.0"	1728 mm	68.0"	1728 mm	68.0"
7 Reach with Fork at Maximum Height	1013 mm	39.9"	1013 mm	39.9"	1013 mm	39.9"	1013 mm	39.9"
8 Ground to Top of Tine with Arms Horizontal and Fork Level	1888 mm	74.3"	1888 mm	74.3"	1888 mm	74.3"	1888 mm	74.3"
9 Ground to Top of Tine at Maximum Height and Fork Level	3823 mm	150.5"	3823 mm	150.5"	3823 mm	150.5"	3823 mm	150.5"
10 Overall Height of Fork at Full Lift (top of carriage to ground)	4863 mm	191.5"	4863 mm	191.5"	4863 mm	191.5"	4863 mm	191.5"
11 Clearance at Full Lift and Maximum Dump	2535 mm	99.8"	2292 mm	90.2"	2049 mm	80.7"	1563 mm	61.5"
12 Maximum Discharge Angle from Horizontal	53 degrees		53 degrees		53 degrees		53 degrees	
13 Overall Carriage Width	2528 mm	99.5"	2528 mm	99.5"	2528 mm	99.5"	2528 mm	99.5"
14 Overall Carriage Height	1130 mm	44.5"	1130 mm	44.5"	1130 mm	44.5"	1130 mm	44.5"
15 Outside Tine Width (Maximum Spread)	2178 mm	85.7"	2178 mm	85.7"	2178 mm	85.7"	2178 mm	85.7"
16 Outside Tine Width (Minimum Spread)	576 mm	22.7"	576 mm	22.7"	576 mm	22.7"	576 mm	22.7"
Tine Width (Single Tine)	180 mm	7.1"	180 mm	7.1"	180 mm	7.1"	180 mm	7.1"
Tine Thickness	90 mm	3.5"	90 mm	3.5"	90 mm	3.5"	90 mm	3.5"
Operating Weight	19 881 kg	43,818 lb	19 944 kg	43,957 lb	20 006 kg	44,094 lb	20 131 kg	44,369 lb

NOTE: Static tipping loads and operating weight are based on the following loader configuration: L3 Michelin XHA tires, air conditioning, ride control, power train guard, full fluids, fuel tank, coolant, lubricants, and operator.

Specifications and ratings conform to the following standards: SAE* J1197, SAE J732, CEN** EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by:

SAE J1197: 50% of full turn static tipping load or hydraulic limit.

CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit.

CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

*SAE – Society of Automotive Engineers

**CEN – European Committee for Standardization

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	2.70	2.70	2.90	2.90	3.10	3.10
	yd³	3.53	3.53	3.79	3.79	4.05	4.05
Capacity – Struck (§)	m³	2.30	2.30	2.55	2.55	2.76	2.76
	yd³	3.01	3.01	3.34	3.34	3.61	3.61
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2975	2859	2919	2802	2876	2758
	ft/in	9'9"	9'4"	9'6"	9'2"	9'5"	9'0"
Reach at Maximum Lift and 45° Discharge (§)	mm	1356	1469	1395	1506	1429	1540
	ft/in	4'5"	4'9"	4'6"	4'11"	4'8"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2562	2723	2631	2792	2688	2849
	ft/in	8'4"	8'11"	8'7"	9'1"	8'9"	9'4"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8036	8209	8105	8278	8162	8335
	ft/in	26'5"	27'0"	26'8"	27'2"	26'10"	27'5"
Overall Height with Bucket at Maximum Lift	mm	5392	5392	5464	5464	5525	5525
	ft/in	17'9"	17'9"	18'0"	18'0"	18'2"	18'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 689	13 856	13 729	13 897	13 762	13 931
	ft/in	44'11"	45'6"	45'1"	45'8"	45'2"	45'9"
Static Tipping Load, Straight (ISO)*	kg	12 974	12 836	12 833	12 694	12 740	12 600
	lb	28,596	28,291	28,285	27,977	28,081	27,770
Static Tipping Load, Straight (Rigid Tire)*	kg	13 719	13 580	13 582	13 441	13 493	13 350
	lb	30,238	29,930	29,935	29,624	29,739	29,425
Static Tipping Load, Articulated (ISO)*	kg	11 230	11 092	11 094	10 955	11 008	10 867
	lb	24,752	24,447	24,453	24,145	24,261	23,951
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 990	11 850	11 857	11 716	11 774	11 632
	lb	26,427	26,119	26,134	25,823	25,951	25,637
Breakout Force** (§)	kN	180	178	169	167	161	159
	lb	40,442	40,157	37,997	37,715	36,203	35,922
Operating Weight*	kg	19 303	19 411	19 388	19 496	19 425	19 533
	lb	42,544	42,782	42,730	42,968	42,811	43,049

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.30	3.30	3.40	3.40	3.60	3.60
	yd³	4.32	4.32	4.45	4.45	4.71	4.71
Capacity – Struck (§)	m³	2.94	2.94	3.04	3.04	3.18	3.18
	yd³	3.85	3.85	3.98	3.98	4.16	4.16
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2838	2719	2819	2700	2793	2673
	ft/in	9'3"	8'11"	9'3"	8'10"	9'1"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1458	1568	1473	1582	1495	1604
	ft/in	4'9"	5'1"	4'10"	5'2"	4'10"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2737	2898	2761	2922	2796	2957
	ft/in	8'11"	9'6"	9'0"	9'7"	9'2"	9'8"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8211	8384	8235	8408	8270	8443
	ft/in	27'0"	27'7"	27'1"	27'8"	27'2"	27'9"
Overall Height with Bucket at Maximum Lift	mm	5571	5571	5597	5597	5630	5630
	ft/in	18'4"	18'4"	18'5"	18'5"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 791	13 961	13 805	13 975	13 826	13 997
	ft/in	45'3"	45'10"	45'4"	45'11"	45'5"	46'0"
Static Tipping Load, Straight (ISO)*	kg	12 620	12 478	12 577	12 434	12 506	12 363
	lb	27,815	27,503	27,719	27,406	27,564	27,249
Static Tipping Load, Straight (Rigid Tire)*	kg	13 374	13 231	13 332	13 188	13 263	13 118
	lb	29,477	29,161	29,384	29,067	29,232	28,914
Static Tipping Load, Articulated (ISO)*	kg	10 892	10 750	10 850	10 708	10 783	10 640
	lb	24,006	23,694	23,915	23,601	23,767	23,452
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 660	11 517	11 620	11 476	11 554	11 410
	lb	25,700	25,384	25,611	25,294	25,467	25,148
Breakout Force** (§)	kN	154	153	151	150	147	146
	lb	34,742	34,463	34,071	33,792	33,133	32,855
Operating Weight*	kg	19 494	19 602	19 518	19 626	19 554	19 662
	lb	42,964	43,202	43,017	43,255	43,097	43,335

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On		Material Handling – Pin On			
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.80	3.80	2.70	2.70	2.90	2.90
	yd³	4.97	4.97	3.53	3.53	3.79	3.79
Capacity – Struck (§)	m³	3.36	3.36	2.32	2.32	2.52	2.52
	yd³	4.39	4.39	3.03	3.03	3.30	3.30
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2758	2638	2896	2770	2853	2728
	ft/in	9'0"	8'7"	9'6"	9'1"	9'4"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1524	1632	1272	1374	1314	1416
	ft/in	5'0"	5'4"	4'2"	4'6"	4'3"	4'7"
Reach at Level Lift Arm and Bucket Level (§)	mm	2842	3003	2581	2742	2641	2802
	ft/in	9'3"	9'10"	8'5"	8'11"	8'8"	9'2"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8316	8489	8055	8228	8115	8288
	ft/in	27'4"	27'11"	26'6"	27'0"	26'8"	27'3"
Overall Height with Bucket at Maximum Lift	mm	5678	5678	5618	5618	4975	4975
	ft/in	18'8"	18'8"	18'6"	18'6"	16'4"	16'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 854	14 025	13 700	13 868	13 734	13 903
	ft/in	45'6"	46'1"	45'0"	45'6"	45'1"	45'8"
Static Tipping Load, Straight (ISO)*	kg	12 407	12 263	12 803	12 666	12 688	12 550
	lb	27,345	27,028	28,219	27,916	27,965	27,660
Static Tipping Load, Straight (Rigid Tire)*	kg	13 165	13 020	13 531	13 392	13 419	13 279
	lb	29,017	28,697	29,823	29,517	29,575	29,267
Static Tipping Load, Articulated (ISO)*	kg	10 688	10 545	11 078	10 941	10 969	10 831
	lb	23,558	23,241	24,417	24,115	24,177	23,871
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 461	11 316	11 821	11 683	11 715	11 575
	lb	25,261	24,941	26,054	25,749	25,820	25,512
Breakout Force** (§)	kN	142	141	176	175	167	166
	lb	31,963	31,687	39,722	39,437	37,667	37,384
Operating Weight*	kg	19 609	19 717	19 326	19 434	19 382	19 490
	lb	43,218	43,456	42,593	42,831	42,717	42,955

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		Material Handling – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.10	3.10	3.30	3.30	3.40	3.40
	yd³	4.05	4.05	4.32	4.32	4.45	4.45
Capacity – Struck (§)	m³	2.61	2.61	2.78	2.78	2.92	2.92
	yd³	3.41	3.41	3.64	3.64	3.82	3.82
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2821	2696	2789	2664	2761	2636
	ft/in	9'3"	8'10"	9'1"	8'8"	9'0"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1346	1448	1378	1480	1406	1508
	ft/in	4'5"	4'9"	4'6"	4'10"	4'7"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2686	2847	2731	2892	2771	2932
	ft/in	8'9"	9'4"	8'11"	9'5"	9'1"	9'7"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8160	8333	8205	8378	8245	8418
	ft/in	26'10"	27'5"	27'0"	27'6"	27'1"	27'8"
Overall Height with Bucket at Maximum Lift	mm	5483	5483	5527	5527	5566	5566
	ft/in	18'0"	18'0"	18'2"	18'2"	18'4"	18'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 761	13 930	13 787	13 957	13 811	13 981
	ft/in	45'2"	45'9"	45'3"	45'10"	45'4"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 595	12 456	12 504	12 364	12 426	12 285
	lb	27,760	27,453	27,560	27,251	27,387	27,076
Static Tipping Load, Straight (Rigid Tire)*	kg	13 328	13 187	13 239	13 097	13 162	13 019
	lb	29,375	29,065	29,178	28,866	29,009	28,695
Static Tipping Load, Articulated (ISO)*	kg	10 881	10 741	10 794	10 654	10 719	10 579
	lb	23,982	23,675	23,791	23,482	23,626	23,316
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 628	11 487	11 543	11 402	11 470	11 328
	lb	25,629	25,319	25,442	25,130	25,282	24,968
Breakout Force** (§)	kN	161	160	155	154	150	149
	lb	36,235	35,954	34,901	34,621	33,788	33,510
Operating Weight*	kg	19 432	19 540	19 480	19 588	19 520	19 628
	lb	42,827	43,065	42,933	43,171	43,021	43,259

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		Material Handling – Pin On				Heavy Duty Material Handling – Pin On	
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.60	3.60	3.80	3.80	3.30	3.30
	yd³	4.71	4.71	4.97	4.97	4.32	4.32
Capacity – Struck (§)	m³	3.15	3.15	3.28	3.28	2.78	2.78
	yd³	4.12	4.12	4.29	4.29	3.64	3.64
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2729	2604	2693	2568	2789	2664
	ft/in	8'11"	8'6"	8'10"	8'5"	9'1"	8'8"
Reach at Maximum Lift and 45° Discharge (§)	mm	1438	1540	1474	1576	1378	1480
	ft/in	4'8"	5'0"	4'10"	5'2"	4'6"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2816	2977	2867	3028	2731	2892
	ft/in	9'2"	9'9"	9'4"	9'11"	8'11"	9'5"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8290	8463	8341	8514	8205	8378
	ft/in	27'3"	27'10"	27'5"	28'0"	27'0"	27'6"
Overall Height with Bucket at Maximum Lift	mm	5614	5614	5662	5662	5536	5536
	ft/in	18'6"	18'6"	18'7"	18'7"	18'2"	18'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 838	14 009	13 869	14 041	13 787	13 957
	ft/in	45'5"	46'0"	45'6"	46'1"	45'3"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 338	12 196	12 236	12 093	12 429	12 287
	lb	27,194	26,882	26,969	26,654	27,395	27,081
Static Tipping Load, Straight (Rigid Tire)*	kg	13 076	12 933	12 976	12 832	13 164	13 020
	lb	28,820	28,504	28,599	28,281	29,014	28,696
Static Tipping Load, Articulated (ISO)*	kg	10 636	10 495	10 539	10 396	10 719	10 577
	lb	23,443	23,131	23,228	22,914	23,626	23,312
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 389	11 246	11 294	11 150	11 469	11 325
	lb	25,102	24,787	24,892	24,574	25,278	24,961
Breakout Force** (§)	kN	145	143	139	138	154	153
	lb	32,610	32,333	31,355	31,079	34,775	34,485
Operating Weight*	kg	19 564	19 672	19 618	19 726	19 551	19 659
	lb	43,118	43,356	43,237	43,475	43,089	43,327

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		Heavy Duty Material Handling – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.40	3.40	3.60	3.60	3.80	3.80
	yd³	4.45	4.45	4.71	4.71	4.97	4.97
Capacity – Struck (§)	m³	3.03	3.03	3.20	3.20	3.28	3.28
	yd³	3.96	3.96	4.19	4.19	4.29	4.29
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2761	2636	2726	2600	2693	2568
	ft/in	9'0"	8'7"	8'11"	8'6"	8'10"	8'5"
Reach at Maximum Lift and 45° Discharge (§)	mm	1406	1508	1442	1544	1474	1576
	ft/in	4'7"	4'11"	4'8"	5'0"	4'10"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2771	2932	2821	2982	2867	3028
	ft/in	9'1"	9'7"	9'3"	9'9"	9'4"	9'11"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8245	8418	8295	8468	8341	8514
	ft/in	27'1"	27'8"	27'3"	27'10"	27'5"	28'0"
Overall Height with Bucket at Maximum Lift	mm	5575	5575	5621	5621	5649	5649
	ft/in	18'4"	18'4"	18'6"	18'6"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 811	13 981	13 841	14 012	13 869	14 041
	ft/in	45'4"	45'11"	45'5"	46'0"	45'6"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 311	12 168	12 206	12 062	12 113	11 968
	lb	27,134	26,819	26,903	26,585	26,698	26,379
Static Tipping Load, Straight (Rigid Tire)*	kg	13 047	12 902	12 943	12 798	12 853	12 706
	lb	28,757	28,438	28,528	28,207	28,328	28,005
Static Tipping Load, Articulated (ISO)*	kg	10 605	10 461	10 505	10 361	10 416	10 271
	lb	23,373	23,058	23,153	22,836	22,958	22,638
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 356	11 211	11 257	11 112	11 170	11 024
	lb	25,029	24,709	24,812	24,490	24,620	24,297
Breakout Force** (§)	kN	149	148	143	142	138	137
	lb	33,621	33,333	32,311	32,025	31,179	30,894
Operating Weight*	kg	19 628	19 736	19 680	19 788	19 729	19 837
	lb	43,259	43,497	43,373	43,612	43,481	43,720

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	2.70	2.70	2.90	2.90	3.10	3.10
	yd³	3.53	3.53	3.79	3.79	4.05	4.05
Capacity – Struck (§)	m³	2.30	2.30	2.55	2.55	2.76	2.76
	yd³	3.01	3.01	3.34	3.34	3.61	3.61
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2936	2820	2880	2763	2837	2718
	ft/in	9'7"	9'3"	9'5"	9'0"	9'3"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1402	1516	1440	1552	1475	1585
	ft/in	4'7"	4'11"	4'8"	5'1"	4'10"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2622	2783	2691	2852	2748	2909
	ft/in	8'7"	9'1"	8'9"	9'4"	9'0"	9'6"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8096	8269	8165	8338	8222	8395
	ft/in	26'7"	27'2"	26'10"	27'5"	27'0"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5424	5424	5497	5497	5558	5558
	ft/in	17'10"	17'10"	18'1"	18'1"	18'3"	18'3"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 714	13 884	13 755	13 926	13 789	13 961
	ft/in	45'0"	45'7"	45'2"	45'9"	45'3"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 379	12 241	12 265	12 125	12 155	12 015
	lb	27,283	26,979	27,032	26,725	26,790	26,481
Static Tipping Load, Straight (Rigid Tire)*	kg	13 113	12 974	13 003	12 862	12 896	12 754
	lb	28,903	28,596	28,659	28,349	28,423	28,111
Static Tipping Load, Articulated (ISO)*	kg	10 661	10 523	10 552	10 413	10 448	10 308
	lb	23,497	23,194	23,257	22,950	23,029	22,720
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 411	11 271	11 305	11 164	11 204	11 062
	lb	25,150	24,843	24,917	24,606	24,694	24,382
Breakout Force** (§)	kN	170	169	160	159	153	152
	lb	38,308	38,025	36,105	35,825	34,451	34,172
Operating Weight*	kg	19 778	19 886	19 840	19 948	19 894	20 002
	lb	43,589	43,827	43,727	43,965	43,847	44,085

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, loading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.30	3.30	3.40	3.40	3.60	3.60
	yd³	4.32	4.32	4.45	4.45	4.71	4.71
Capacity – Struck (§)	m³	2.94	2.94	3.04	3.04	3.18	3.18
	yd³	3.85	3.85	3.98	3.98	4.16	4.16
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2798	2679	2779	2660	2753	2633
	ft/in	9'2"	8'9"	9'1"	8'8"	9'0"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1503	1613	1518	1627	1539	1648
	ft/in	4'11"	5'3"	4'11"	5'4"	5'0"	5'4"
Reach at Level Lift Arm and Bucket Level (§)	mm	2797	2958	2821	2982	2856	3017
	ft/in	9'2"	9'8"	9'3"	9'9"	9'4"	9'10"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8271	8444	8295	8468	8330	8503
	ft/in	27'2"	27'9"	27'3"	27'10"	27'4"	27'11"
Overall Height with Bucket at Maximum Lift	mm	5604	5604	5630	5630	5664	5664
	ft/in	18'5"	18'5"	18'6"	18'6"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 818	13 991	13 833	14 006	13 854	14 028
	ft/in	45'5"	45'11"	45'5"	46'0"	45'6"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 065	11 924	12 023	11 881	11 957	11 815
	lb	26,591	26,280	26,499	26,187	26,355	26,041
Static Tipping Load, Straight (Rigid Tire)*	kg	12 808	12 665	12 767	12 624	12 703	12 559
	lb	28,230	27,915	28,139	27,823	27,998	27,681
Static Tipping Load, Articulated (ISO)*	kg	10 363	10 221	10 322	10 181	10 260	10 118
	lb	22,840	22,529	22,751	22,439	22,614	22,301
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 120	10 978	11 081	10 938	11 021	10 877
	lb	24,510	24,196	24,424	24,108	24,290	23,973
Breakout Force** (§)	kN	147	146	144	143	140	139
	lb	33,132	32,855	32,517	32,240	31,655	31,379
Operating Weight*	kg	19 941	20 049	19 964	20 072	19 998	20 106
	lb	43,949	44,187	44,001	44,239	44,076	44,314

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Fusion QC		Material Handling – Fusion QC			
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.80	3.80	2.70	2.70	2.90	2.90
	yd³	4.97	4.97	3.53	3.53	3.79	3.79
Capacity – Struck (§)	m³	3.36	3.36	2.20	2.20	2.40	2.40
	yd³	4.39	4.39	2.88	2.88	3.14	3.14
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2718	2598	2853	2728	2811	2685
	ft/in	8'11"	8'6"	9'4"	8'11"	9'2"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1568	1677	1314	1416	1357	1459
	ft/in	5'1"	5'6"	4'3"	4'7"	4'5"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	2902	3063	2641	2802	2701	2862
	ft/in	9'6"	10'0"	8'8"	9'2"	8'10"	9'4"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8376	8549	8115	8288	8175	8348
	ft/in	27'6"	28'1"	26'8"	27'3"	26'10"	27'5"
Overall Height with Bucket at Maximum Lift	mm	5711	5711	5418	5418	5480	5480
	ft/in	18'9"	18'9"	17'10"	17'10"	18'0"	18'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 883	14 057	13 725	13 895	13 761	13 932
	ft/in	45'7"	46'2"	45'1"	45'8"	45'2"	45'9"
Static Tipping Load, Straight (ISO)*	kg	11 871	11 728	12 234	12 097	12 130	11 992
	lb	26,165	25,849	26,965	26,663	26,734	26,430
Static Tipping Load, Straight (Rigid Tire)*	kg	12 619	12 474	12 953	12 815	12 851	12 711
	lb	27,813	27,494	28,548	28,244	28,323	28,016
Static Tipping Load, Articulated (ISO)*	kg	10 178	10 035	10 535	10 398	10 436	10 298
	lb	22,434	22,118	23,220	22,918	23,001	22,697
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 941	10 796	11 269	11 131	11 172	11 033
	lb	24,114	23,795	24,837	24,533	24,624	24,317
Breakout Force** (§)	kN	136	134	167	166	159	158
	lb	30,581	30,306	37,672	37,389	35,805	35,524
Operating Weight*	kg	20 043	20 151	19 784	19 892	19 836	19 944
	lb	44,175	44,413	43,602	43,840	43,717	43,955

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		Material Handling – Fusion QC					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments
Capacity – Rated (§)	m³	3.10	3.10	3.30	3.30	3.40	3.40
	yd³	4.05	4.05	4.32	4.32	4.45	4.45
Capacity – Struck (§)	m³	2.61	2.61	2.78	2.78	2.92	2.92
	yd³	3.41	3.41	3.64	3.64	3.82	3.82
Width (§)	mm	2927	2994	2927	2994	2927	2994
	ft/in	9'7"	9'9"	9'7"	9'9"	9'7"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2779	2653	2747	2622	2719	2593
	ft/in	9'1"	8'8"	9'0"	8'7"	8'11"	8'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1389	1491	1420	1523	1449	1551
	ft/in	4'6"	4'10"	4'7"	4'11"	4'9"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2746	2907	2791	2952	2831	2992
	ft/in	9'0"	9'6"	9'1"	9'8"	9'3"	9'9"
Digging Depth (§)	mm	90	90	90	90	90	90
	in	3.5"	3.5"	3.5"	3.5"	3.5"	3.5"
Overall Length	mm	8220	8393	8265	8438	8305	8478
	ft/in	27'0"	27'7"	27'2"	27'9"	27'3"	27'10"
Overall Height with Bucket at Maximum Lift	mm	5517	5517	5561	5561	5600	5600
	ft/in	18'2"	18'2"	18'3"	18'3"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 788	13 959	13 815	13 987	13 839	14 012
	ft/in	45'3"	45'10"	45'4"	45'11"	45'5"	46'0"
Static Tipping Load, Straight (ISO)*	kg	12 038	11 899	11 952	11 812	11 881	11 740
	lb	26,533	26,227	26,342	26,034	26,186	25,876
Static Tipping Load, Straight (Rigid Tire)*	kg	12 761	12 621	12 676	12 535	12 607	12 465
	lb	28,125	27,816	27,938	27,627	27,786	27,474
Static Tipping Load, Articulated (ISO)*	kg	10 349	10 210	10 267	10 127	10 199	10 059
	lb	22,809	22,504	22,629	22,321	22,480	22,171
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 087	10 947	11 006	10 865	10 941	10 799
	lb	24,436	24,127	24,259	23,948	24,114	23,802
Breakout Force** (§)	kN	153	152	148	146	143	142
	lb	34,496	34,217	33,277	32,999	32,256	31,979
Operating Weight*	kg	19 885	19 993	19 929	20 037	19 967	20 075
	lb	43,825	44,063	43,922	44,160	44,006	44,244

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, loading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Operating Specifications

Bucket Type		Material Handling – Fusion QC					
Edge Type		Bolt-On Edges	Teeth and Segments	Bolt-On Edges	Teeth and Segments	High Lift Change in Specs	Auxiliary Counterweight Change in Specs
Capacity – Rated (\$)	m³	3.60	3.60	3.80	3.80		
	yd³	4.71	4.71	4.97	4.97		
Capacity – Struck (\$)	m³	3.10	3.10	3.28	3.28		
	yd³	4.05	4.05	4.29	4.29		
Width (\$)	mm	2927	2994	2927	2994		
	ft/in	9'7"	9'9"	9'7"	9'9"		
Dump Clearance at Maximum Lift and 45° Discharge (\$)	mm	2687	2561	2651	2525	505	
	ft/in	8'9"	8'4"	8'8"	8'3"	1'7"	
Reach at Maximum Lift and 45° Discharge (\$)	mm	1480	1583	1517	1619	35	
	ft/in	4'10"	5'2"	4'11"	5'3"	0'1"	
Reach at Level Lift Arm and Bucket Level (\$)	mm	2876	3037	2927	3088	374	
	ft/in	9'5"	9'11"	9'7"	10'1"	1'2"	
Digging Depth (\$)	mm	90	90	90	90	4	
	in	3.5"	3.5"	3.5"	3.5"	0.1"	
Overall Length	mm	8350	8523	8401	8574	604	150
	ft/in	27'5"	28'0"	27'7"	28'2"	2'0"	0'6"
Overall Height with Bucket at Maximum Lift	mm	5643	5643	5697	5697	506	
	ft/in	18'7"	18'7"	18'9"	18'9"	1'8"	
Loader Clearance Circle with Bucket at Carry Position (\$)	mm	13 867	14 040	13 898	14 073	393	
	ft/in	45'6"	46'1"	45'8"	46'3"	1'4"	
Static Tipping Load, Straight (ISO)*	kg	11 798	11 657	11 700	11 558	–1279	1035
	lb	26,004	25,693	25,787	25,474	–2,820	2,281
Static Tipping Load, Straight (Rigid Tire)*	kg	12 526	12 383	12 429	12 286	–1440	1109
	lb	27,608	27,293	27,394	27,078	–3,174	2,445
Static Tipping Load, Articulated (ISO)*	kg	10 122	9980	10 028	9886	–1190	854
	lb	22,309	21,998	22,101	21,788	–2,622	1,883
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 864	10 722	10 772	10 629	–1341	933
	lb	23,946	23,631	23,743	23,426	–2,955	2,057
Breakout Force** (\$)	kN	138	137	133	132	–8	
	lb	31,176	30,901	30,013	29,739	–1,812	
Operating Weight*	kg	20 007	20 115	20 061	20 169	602	499
	lb	44,094	44,332	44,213	44,451	1,326	1,100

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(\$)

Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader

Bucket Selection Charts

Material Density		kg/m³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500		
Standard Linkage	Pin On	General Purpose	2.70 m³ (3.53 yd³)											3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)				
			2.90 m³ (3.79 yd³)											3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)				
			3.10 m³ (4.05 yd³)										3.57 m³ (4.67 yd³)						3.10 m³ (4.05 yd³)				
			3.30 m³ (4.32 yd³)							3.80 m³ (4.97 yd³)					3.30 m³ (4.32 yd³)								
			3.40 m³ (4.45 yd³)							3.91 m³ (5.11 yd³)					3.40 m³ (4.45 yd³)								
			3.60 m³ (4.71 yd³)						4.14 m³ (5.41 yd³)					3.60 m³ (4.71 yd³)									
			3.80 m³ (4.97 yd³)						4.37 m³ (5.72 yd³)					3.80 m³ (4.97 yd³)									
	Material Handling	2.70 m³ (3.53 yd³)												3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)				
		2.90 m³ (3.79 yd³)												3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)				
		3.10 m³ (4.05 yd³)											3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)					
		3.30 m³ (4.32 yd³)							3.80 m³ (4.97 yd³)					3.30 m³ (4.32 yd³)									
		3.40 m³ (4.45 yd³)							3.91 m³ (5.11 yd³)					3.40 m³ (4.45 yd³)									
		3.60 m³ (4.71 yd³)						4.14 m³ (5.41 yd³)					3.60 m³ (4.71 yd³)										
		3.80 m³ (4.97 yd³)						4.37 m³ (5.72 yd³)					3.80 m³ (4.97 yd³)										
	Heavy Duty Material Handling	3.30 m³ (4.32 yd³)								3.80 m³ (4.97 yd³)					3.30 m³ (4.32 yd³)								
		3.40 m³ (4.45 yd³)								3.91 m³ (5.11 yd³)					3.40 m³ (4.45 yd³)								
		3.60 m³ (4.71 yd³)							4.14 m³ (5.41 yd³)					3.60 m³ (4.71 yd³)									
		3.80 m³ (4.97 yd³)							4.37 m³ (5.72 yd³)					3.80 m³ (4.97 yd³)									
	Fusion QC	General Purpose	2.70 m³ (3.53 yd³)												3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)			
			2.90 m³ (3.79 yd³)												3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)			
			3.10 m³ (4.05 yd³)												3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)			
			3.30 m³ (4.32 yd³)								3.80 m³ (4.97 yd³)					3.30 m³ (4.32 yd³)							
			3.40 m³ (4.45 yd³)								3.91 m³ (5.11 yd³)					3.40 m³ (4.45 yd³)							
			3.60 m³ (4.71 yd³)							4.14 m³ (5.41 yd³)					3.60 m³ (4.71 yd³)								
3.80 m³ (4.97 yd³)									4.37 m³ (5.72 yd³)					3.80 m³ (4.97 yd³)									
Material Handling		2.70 m³ (3.53 yd³)													3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)			
		2.90 m³ (3.79 yd³)													3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)			
		3.10 m³ (4.05 yd³)													3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)			
		3.30 m³ (4.32 yd³)								3.80 m³ (4.97 yd³)					3.30 m³ (4.32 yd³)								
		3.40 m³ (4.45 yd³)								3.91 m³ (5.11 yd³)					3.40 m³ (4.45 yd³)								
		3.60 m³ (4.71 yd³)								4.14 m³ (5.41 yd³)					3.60 m³ (4.71 yd³)								
3.80 m³ (4.97 yd³)								4.37 m³ (5.72 yd³)					3.80 m³ (4.97 yd³)										
Material Density		lb/yd³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213		
Bucket Fill Factors																							
115% 110% 105% 100% 95%																							

Note: All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

950K Wheel Loader

Bucket Selection Charts

Material Density		kg/m³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	
High Lift Linkage	General Purpose	2.70 m³ (3.53 yd³)									3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)						
		2.90 m³ (3.79 yd³)								3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)							
		3.10 m³ (4.05 yd³)							3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)								
		3.30 m³ (4.32 yd³)						3.80 m³ (4.97 yd³)				3.30 m³ (4.32 yd³)										
		3.40 m³ (4.45 yd³)						3.91 m³ (5.11 yd³)			3.40 m³ (4.45 yd³)											
		3.60 m³ (4.71 yd³)				4.14 m³ (5.41 yd³)			3.60 m³ (4.71 yd³)													
		3.80 m³ (4.97 yd³)			4.37 m³ (5.72 yd³)			3.80 m³ (4.97 yd³)														
	Material Handling	2.70 m³ (3.53 yd³)									3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)						
		2.90 m³ (3.79 yd³)									3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)						
		3.10 m³ (4.05 yd³)							3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)								
		3.30 m³ (4.32 yd³)						3.80 m³ (4.97 yd³)			3.30 m³ (4.32 yd³)											
		3.40 m³ (4.45 yd³)						3.91 m³ (5.11 yd³)			3.40 m³ (4.45 yd³)											
		3.60 m³ (4.71 yd³)				4.14 m³ (5.41 yd³)			3.60 m³ (4.71 yd³)													
		3.80 m³ (4.97 yd³)			4.37 m³ (5.72 yd³)			3.80 m³ (4.97 yd³)														
	Heavy Duty Material Handling	3.30 m³ (4.32 yd³)						3.80 m³ (4.97 yd³)			3.30 m³ (4.32 yd³)											
		3.40 m³ (4.45 yd³)						3.91 m³ (5.11 yd³)			3.40 m³ (4.45 yd³)											
		3.60 m³ (4.71 yd³)				4.14 m³ (5.41 yd³)			3.60 m³ (4.71 yd³)													
		3.80 m³ (4.97 yd³)			4.37 m³ (5.72 yd³)			3.80 m³ (4.97 yd³)														
	Fusion QC	General Purpose	2.70 m³ (3.53 yd³)								3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)						
			2.90 m³ (3.79 yd³)								3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)						
			3.10 m³ (4.05 yd³)							3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)							
			3.30 m³ (4.32 yd³)						3.80 m³ (4.97 yd³)			3.30 m³ (4.32 yd³)										
			3.40 m³ (4.45 yd³)						3.91 m³ (5.11 yd³)			3.40 m³ (4.45 yd³)										
			3.60 m³ (4.71 yd³)				4.14 m³ (5.41 yd³)			3.60 m³ (4.71 yd³)												
			3.80 m³ (4.97 yd³)			4.37 m³ (5.72 yd³)			3.80 m³ (4.97 yd³)													
		Material Handling	2.70 m³ (3.53 yd³)									3.11 m³ (4.07 yd³)					2.70 m³ (3.53 yd³)					
			2.90 m³ (3.79 yd³)									3.34 m³ (4.37 yd³)					2.90 m³ (3.79 yd³)					
			3.10 m³ (4.05 yd³)							3.57 m³ (4.67 yd³)					3.10 m³ (4.05 yd³)							
			3.30 m³ (4.32 yd³)						3.80 m³ (4.97 yd³)			3.30 m³ (4.32 yd³)										
			3.40 m³ (4.45 yd³)						3.91 m³ (5.11 yd³)			3.40 m³ (4.45 yd³)										
			3.60 m³ (4.71 yd³)				4.14 m³ (5.41 yd³)			3.60 m³ (4.71 yd³)												
			3.80 m³ (4.97 yd³)			4.37 m³ (5.72 yd³)			3.80 m³ (4.97 yd³)													
Material Density		lb/yd³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213	
Bucket Fill Factors																						
115% 110% 105% 100% 95%																						

Note: All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

950K Wheel Loader

Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material		Performance Series Bucket
Earth/Clay		115
Sand and Gravel		115
Aggregate:	25-76 mm (1 to 3 in)	110
	19 mm (0.75 in) and smaller	105
Rock		100

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Change in Specifications

Tires	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	in	mm	in	kg	lb	kg	lb
23.5R25 VJT BS E3/L3 Radial	2844	112	-31	-1.2	184	406	123	271
23.5R25 VMT BS L3 Radial	2797	110	2	0.1	200	441	133	293
750/65R25 VLT BS E3/L3 Radial	2947	116	-4	-0.2	744	1,640	496	1,093
23.5R25 XHA2 MX L3 Radial	2813	110	0	0	0	0	0	0
23.5R25 XLDD2 MX L5 Radial	2816	110	27	-1	608	1,340	405	893
23.5R25 XLD MX L3 Radial	2947	116	-5	-0.2	592	1,305	395	871
23.5R25 RT3B GY L3	2851	112	-2	-0.1	264	582	153	337