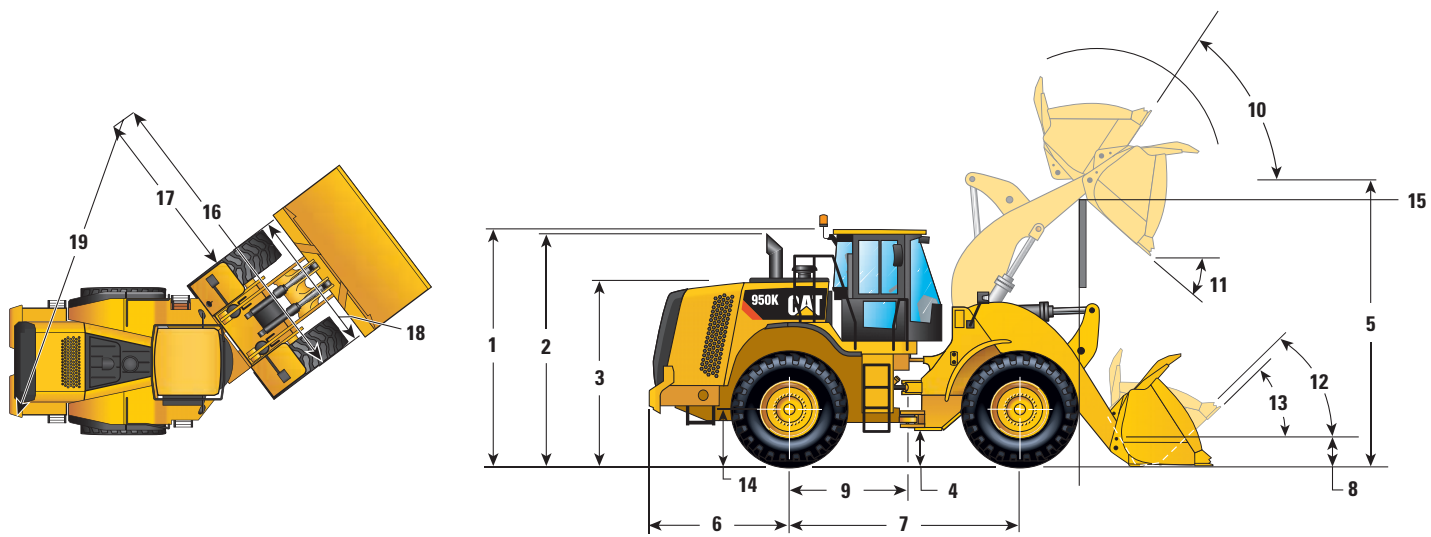


950K Wheel Loader

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 With 23.5R25 (See Tire Option Chart for Other Tires)	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	688 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

Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	2.70	2.70	2.50	2.90	2.90	2.70
	yd³	3.53	3.53	3.27	3.79	3.79	3.53
Capacity – Struck (§)	m³	2.30	2.30	2.11	2.55	2.55	2.33
	yd³	3.01	3.01	2.76	3.34	3.34	3.05
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2975	2859	2859	2919	2802	2802
	ft/in	9'9"	9'4"	9'4"	9'6"	9'2"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1356	1469	1469	1395	1506	1506
	ft/in	4'5"	4'9"	4'9"	4'6"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2562	2723	2723	2631	2792	2792
	ft/in	8'4"	8'11"	8'11"	8'7"	9'1"	9'1"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8036	8209	8209	8105	8278	8278
	ft/in	26'5"	27'0"	27'0"	26'8"	27'2"	27'2"
Overall Height with Bucket at Maximum Lift	mm	5392	5392	5392	5464	5464	5464
	ft/in	17'9"	17'9"	17'9"	18'0"	18'0"	18'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 689	13 856	13 856	13 729	13 897	13 897
	ft/in	44'11"	45'6"	45'6"	45'1"	45'8"	45'8"
Static Tipping Load, Straight (ISO)*	kg	12 974	12 836	13 135	12 833	12 694	12 985
	lb	28,596	28,291	28,949	28,285	27,977	28,619
Static Tipping Load, Straight (Rigid Tire)*	kg	13 719	13 580	13 887	13 582	13 441	13 740
	lb	30,238	29,930	30,608	29,935	29,624	30,284
Static Tipping Load, Articulated (ISO)*	kg	11 230	11 092	11 372	11 094	10 955	11 228
	lb	24,752	24,447	25,064	24,453	24,145	24,747
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 990	11 850	12 138	11 857	11 716	11 997
	lb	26,427	26,119	26,754	26,134	25,823	26,442
Breakout Force** (§)	kN	180	178	197	169	167	184
	lb	40,442	40,157	44,336	37,997	37,715	41,441
Operating Weight*	kg	19 303	19 411	19 254	19 388	19 496	19 339
	lb	42,544	42,782	42,436	42,730	42,968	42,622

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.10	3.10	2.90	3.30	3.30	3.10
	yd³	4.05	4.05	3.79	4.32	4.32	4.05
Capacity – Struck (§)	m³	2.76	2.76	2.54	2.94	2.94	2.72
	yd³	3.61	3.61	3.32	3.85	3.85	3.56
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2876	2758	2758	2838	2719	2719
	ft/in	9'5"	9'0"	9'0"	9'3"	8'11"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1429	1540	1540	1458	1568	1568
	ft/in	4'8"	5'0"	5'0"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2688	2849	2849	2737	2898	2898
	ft/in	8'9"	9'4"	9'4"	8'11"	9'6"	9'6"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8162	8335	8335	8211	8384	8384
	ft/in	26'10"	27'5"	27'5"	27'0"	27'7"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5525	5525	5525	5571	5571	5571
	ft/in	18'2"	18'2"	18'2"	18'4"	18'4"	18'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 762	13 931	13 931	13 791	13 961	13 961
	ft/in	45'2"	45'9"	45'9"	45'3"	45'10"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 740	12 600	12 883	12 620	12 478	12 759
	lb	28,081	27,770	28,394	27,815	27,503	28,122
Static Tipping Load, Straight (Rigid Tire)*	kg	13 493	13 350	13 641	13 374	13 231	13 519
	lb	29,739	29,425	30,065	29,477	29,161	29,797
Static Tipping Load, Articulated (ISO)*	kg	11 008	10 867	11 132	10 892	10 750	11 014
	lb	24,261	23,951	24,536	24,006	23,694	24,275
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 774	11 632	11 904	11 660	11 517	11 788
	lb	25,951	25,637	26,237	25,700	25,384	25,980
Breakout Force** (§)	kN	161	159	175	154	153	167
	lb	36,203	35,922	39,334	34,742	34,463	37,633
Operating Weight*	kg	19 425	19 533	19 376	19 494	19 602	19 445
	lb	42,811	43,049	42,703	42,964	43,202	42,856

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.40	3.40	3.20	3.60	3.60	3.40
	yd³	4.45	4.45	4.19	4.71	4.71	4.45
Capacity – Struck (§)	m³	3.04	3.04	2.81	3.18	3.18	2.94
	yd³	3.98	3.98	3.68	4.16	4.16	3.85
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2819	2700	2700	2793	2673	2673
	ft/in	9'3"	8'10"	8'10"	9'1"	8'9"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1473	1582	1582	1495	1604	1604
	ft/in	4'10"	5'2"	5'2"	4'10"	5'3"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2761	2922	2922	2796	2957	2957
	ft/in	9'0"	9'7"	9'7"	9'2"	9'8"	9'8"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8235	8408	8408	8270	8443	8443
	ft/in	27'1"	27'8"	27'8"	27'2"	27'9"	27'9"
Overall Height with Bucket at Maximum Lift	mm	5597	5597	5597	5630	5630	5630
	ft/in	18'5"	18'5"	18'5"	18'6"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 805	13 975	13 975	13 826	13 997	13 997
	ft/in	45'4"	45'11"	45'11"	45'5"	46'0"	46'0"
Static Tipping Load, Straight (ISO)*	kg	12 577	12 434	12 712	12 506	12 363	12 638
	lb	27,719	27,406	28,019	27,564	27,249	27,854
Static Tipping Load, Straight (Rigid Tire)*	kg	13 332	13 188	13 473	13 263	13 118	13 400
	lb	29,384	29,067	29,696	29,232	28,914	29,534
Static Tipping Load, Articulated (ISO)*	kg	10 850	10 708	10 969	10 783	10 640	10 898
	lb	23,915	23,601	24,176	23,767	23,452	24,020
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 620	11 476	11 743	11 554	11 410	11 674
	lb	25,611	25,294	25,883	25,467	25,148	25,729
Breakout Force** (§)	kN	151	150	164	147	146	159
	lb	34,071	33,792	36,855	33,133	32,855	35,772
Operating Weight*	kg	19 518	19 626	19 469	19 554	19 662	19 505
	lb	43,017	43,255	42,909	43,097	43,335	42,989

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.80	3.80	3.60	2.70	2.70	2.50
	yd³	4.97	4.97	4.71	3.53	3.53	3.27
Capacity – Struck (§)	m³	3.36	3.36	3.12	2.32	2.32	2.11
	yd³	4.39	4.39	4.08	3.03	3.03	2.76
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2758	2638	2638	2896	2770	2770
	ft/in	9'0"	8'7"	8'7"	9'6"	9'1"	9'1"
Reach at Maximum Lift and 45° Discharge (§)	mm	1524	1632	1632	1272	1374	1374
	ft/in	5'0"	5'4"	5'4"	4'2"	4'6"	4'6"
Reach at Level Lift Arm and Bucket Level (§)	mm	2842	3003	3003	2581	2742	2742
	ft/in	9'3"	9'10"	9'10"	8'5"	8'11"	8'11"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8316	8489	8489	8055	8228	8228
	ft/in	27'4"	27'11"	27'11"	26'6"	27'0"	27'0"
Overall Height with Bucket at Maximum Lift	mm	5678	5678	5678	5618	5618	5618
	ft/in	18'8"	18'8"	18'8"	18'6"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 854	14 025	14 025	13 700	13 868	13 868
	ft/in	45'6"	46'1"	46'1"	45'0"	45'6"	45'6"
Static Tipping Load, Straight (ISO)*	kg	12 407	12 263	12 533	12 803	12 666	12 994
	lb	27,345	27,028	27,623	28,219	27,916	28,639
Static Tipping Load, Straight (Rigid Tire)*	kg	13 165	13 020	13 297	13 531	13 392	13 730
	lb	29,017	28,697	29,307	29,823	29,517	30,263
Static Tipping Load, Articulated (ISO)*	kg	10 688	10 545	10 798	11 078	10 941	11 252
	lb	23,558	23,241	23,799	24,417	24,115	24,799
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 461	11 316	11 575	11 821	11 683	12 003
	lb	25,261	24,941	25,512	26,054	25,749	26,456
Breakout Force** (§)	kN	142	141	153	176	175	193
	lb	31,963	31,687	34,427	39,722	39,437	43,481
Operating Weight*	kg	19 609	19 717	19 560	19 326	19 434	19 277
	lb	43,218	43,456	43,110	42,593	42,831	42,485

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	2.90	2.90	2.70	3.10	3.10	2.90
	yd³	3.79	3.79	3.53	4.05	4.05	3.79
Capacity – Struck (§)	m³	2.52	2.52	2.31	2.61	2.61	2.44
	yd³	3.30	3.30	3.02	3.41	3.41	3.19
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2853	2728	2728	2821	2696	2696
	ft/in	9'4"	8'11"	8'11"	9'3"	8'10"	8'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1314	1416	1416	1346	1448	1448
	ft/in	4'3"	4'7"	4'7"	4'5"	4'9"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	2641	2802	2802	2686	2847	2847
	ft/in	8'8"	9'2"	9'2"	8'9"	9'4"	9'4"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8115	8288	8288	8160	8333	8333
	ft/in	26'8"	27'3"	27'3"	26'10"	27'5"	27'5"
Overall Height with Bucket at Maximum Lift	mm	4975	4975	4975	5483	5483	5483
	ft/in	16'4"	16'4"	16'4"	18'0"	18'0"	18'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 734	13 903	13 903	13 761	13 930	13 930
	ft/in	45'1"	45'8"	45'8"	45'2"	45'9"	45'9"
Static Tipping Load, Straight (ISO)*	kg	12 688	12 550	12 833	12 595	12 456	12 734
	lb	27,965	27,660	28,285	27,760	27,453	28,066
Static Tipping Load, Straight (Rigid Tire)*	kg	13 419	13 279	13 569	13 328	13 187	13 471
	lb	29,575	29,267	29,906	29,375	29,065	29,691
Static Tipping Load, Articulated (ISO)*	kg	10 969	10 831	11 098	10 881	10 741	11 003
	lb	24,177	23,871	24,460	23,982	23,675	24,251
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 715	11 575	11 848	11 628	11 487	11 755
	lb	25,820	25,512	26,113	25,629	25,319	25,908
Breakout Force** (§)	kN	167	166	182	161	160	175
	lb	37,667	37,384	41,052	36,235	35,954	39,374
Operating Weight*	kg	19 382	19 490	19 333	19 432	19 540	19 383
	lb	42,717	42,955	42,609	42,827	43,065	42,719

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.30	3.30	3.10	3.40	3.40	3.20
	yd³	4.32	4.32	4.05	4.45	4.45	4.19
Capacity – Struck (§)	m³	2.78	2.78	2.61	2.92	2.92	2.74
	yd³	3.64	3.64	3.41	3.82	3.82	3.58
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2789	2664	2664	2761	2636	2636
	ft/in	9'1"	8'8"	8'8"	9'0"	8'7"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1378	1480	1480	1406	1508	1508
	ft/in	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2731	2892	2892	2771	2932	2932
	ft/in	8'11"	9'5"	9'5"	9'1"	9'7"	9'7"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8205	8378	8378	8245	8418	8418
	ft/in	27'0"	27'6"	27'6"	27'1"	27'8"	27'8"
Overall Height with Bucket at Maximum Lift	mm	5527	5527	5527	5566	5566	5566
	ft/in	18'2"	18'2"	18'2"	18'4"	18'4"	18'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 787	13 957	13 957	13 811	13 981	13 981
	ft/in	45'3"	45'10"	45'10"	45'4"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 504	12 364	12 638	12 426	12 285	12 556
	lb	27,560	27,251	27,855	27,387	27,076	27,673
Static Tipping Load, Straight (Rigid Tire)*	kg	13 239	13 097	13 377	13 162	13 019	13 296
	lb	29,178	28,866	29,484	29,009	28,695	29,305
Static Tipping Load, Articulated (ISO)*	kg	10 794	10 654	10 912	10 719	10 579	10 833
	lb	23,791	23,482	24,050	23,626	23,316	23,877
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 543	11 402	11 665	11 470	11 328	11 588
	lb	25,442	25,130	25,711	25,282	24,968	25,541
Breakout Force** (§)	kN	155	154	168	150	149	162
	lb	34,901	34,621	37,819	33,788	33,510	36,529
Operating Weight*	kg	19 480	19 588	19 431	19 520	19 628	19 471
	lb	42,933	43,171	42,825	43,021	43,259	42,913

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.60	3.60	3.40	3.80	3.80	3.60
	yd³	4.71	4.71	4.45	4.97	4.97	4.71
Capacity – Struck (§)	m³	3.15	3.15	2.95	3.28	3.28	3.11
	yd³	4.12	4.12	3.86	4.29	4.29	4.07
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2729	2604	2604	2693	2568	2568
	ft/in	8'11"	8'6"	8'6"	8'10"	8'5"	8'5"
Reach at Maximum Lift and 45° Discharge (§)	mm	1438	1540	1540	1474	1576	1576
	ft/in	4'8"	5'0"	5'0"	4'10"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2816	2977	2977	2867	3028	3028
	ft/in	9'2"	9'9"	9'9"	9'4"	9'11"	9'11"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8290	8463	8463	8341	8514	8514
	ft/in	27'3"	27'10"	27'10"	27'5"	28'0"	28'0"
Overall Height with Bucket at Maximum Lift	mm	5614	5614	5614	5662	5662	5662
	ft/in	18'6"	18'6"	18'6"	18'7"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 838	14 009	14 009	13 869	14 041	14 041
	ft/in	45'5"	46'0"	46'0"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 338	12 196	12 463	12 236	12 093	12 356
	lb	27,194	26,882	27,470	26,969	26,654	27,234
Static Tipping Load, Straight (Rigid Tire)*	kg	13 076	12 933	13 205	12 976	12 832	13 100
	lb	28,820	28,504	29,105	28,599	28,281	28,873
Static Tipping Load, Articulated (ISO)*	kg	10 636	10 495	10 746	10 539	10 396	10 643
	lb	23,443	23,131	23,684	23,228	22,914	23,459
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 389	11 246	11 502	11 294	11 150	11 402
	lb	25,102	24,787	25,351	24,892	24,574	25,130
Breakout Force** (§)	kN	145	143	156	139	138	150
	lb	32,610	32,333	35,171	31,355	31,079	33,731
Operating Weight*	kg	19 564	19 672	19 515	19 618	19 726	19 569
	lb	43,118	43,356	43,010	43,237	43,475	43,129

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	2.70	2.70	2.50	2.90	2.90	2.70
	yd³	3.53	3.53	3.27	3.79	3.79	3.53
Capacity – Struck (§)	m³	2.30	2.30	2.11	2.55	2.55	2.33
	yd³	3.01	3.01	2.76	3.34	3.34	3.05
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2936	2820	2820	2880	2763	2763
	ft/in	9'7"	9'3"	9'3"	9'5"	9'0"	9'0"
Reach at Maximum Lift and 45° Discharge (§)	mm	1402	1516	1516	1440	1552	1552
	ft/in	4'7"	4'11"	4'11"	4'8"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2622	2783	2783	2691	2852	2852
	ft/in	8'7"	9'1"	9'1"	8'9"	9'4"	9'4"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8096	8269	8269	8165	8338	8338
	ft/in	26'7"	27'2"	27'2"	26'10"	27'5"	27'5"
Overall Height with Bucket at Maximum Lift	mm	5424	5424	5424	5497	5497	5497
	ft/in	17'10"	17'10"	17'10"	18'1"	18'1"	18'1"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 714	13 884	13 884	13 755	13 926	13 926
	ft/in	45'0"	45'7"	45'7"	45'2"	45'9"	45'9"
Static Tipping Load, Straight (ISO)*	kg	12 379	12 241	12 575	12 265	12 125	12 456
	lb	27,283	26,979	27,715	27,032	26,725	27,454
Static Tipping Load, Straight (Rigid Tire)*	kg	13 113	12 974	13 321	13 003	12 862	13 205
	lb	28,903	28,596	29,360	28,659	28,349	29,105
Static Tipping Load, Articulated (ISO)*	kg	10 661	10 523	10 839	10 552	10 413	10 726
	lb	23,497	23,194	23,889	23,257	22,950	23,640
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 411	11 271	11 599	11 305	11 164	11 489
	lb	25,150	24,843	25,565	24,917	24,606	25,323
Breakout Force** (§)	kN	170	169	186	160	159	174
	lb	38,308	38,025	41,807	36,105	35,825	39,220
Operating Weight*	kg	19 778	19 886	19 729	19 840	19 948	19 791
	lb	43,589	43,827	43,481	43,727	43,965	43,619

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.10	3.10	2.90	3.30	3.30	3.10
	yd³	4.05	4.05	3.79	4.32	4.32	4.05
Capacity – Struck (§)	m³	2.76	2.76	2.54	2.94	2.94	2.72
	yd³	3.61	3.61	3.32	3.85	3.85	3.56
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2837	2718	2718	2798	2679	2679
	ft/in	9'3"	8'11"	8'11"	9'2"	8'9"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1475	1585	1585	1503	1613	1613
	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2748	2909	2909	2797	2958	2958
	ft/in	9'0"	9'6"	9'6"	9'2"	9'8"	9'8"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8222	8395	8395	8271	8444	8444
	ft/in	27'0"	27'7"	27'7"	27'2"	27'9"	27'9"
Overall Height with Bucket at Maximum Lift	mm	5558	5558	5558	5604	5604	5604
	ft/in	18'3"	18'3"	18'3"	18'5"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 789	13 961	13 961	13 818	13 991	13 991
	ft/in	45'3"	45'10"	45'10"	45'5"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 155	12 015	12 344	12 065	11 924	12 252
	lb	26,790	26,481	27,208	26,591	26,280	27,004
Static Tipping Load, Straight (Rigid Tire)*	kg	12 896	12 754	13 096	12 808	12 665	13 006
	lb	28,423	28,111	28,865	28,230	27,915	28,666
Static Tipping Load, Articulated (ISO)*	kg	10 448	10 308	10 620	10 363	10 221	10 532
	lb	23,029	22,720	23,407	22,840	22,529	23,214
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 204	11 062	11 386	11 120	10 978	11 301
	lb	24,694	24,382	25,096	24,510	24,196	24,908
Breakout Force** (§)	kN	153	152	166	147	146	159
	lb	34,451	34,172	37,295	33,132	32,855	35,769
Operating Weight*	kg	19 894	20 002	19 845	19 941	20 049	19 892
	lb	43,847	44,085	43,739	43,949	44,187	43,841

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.40	3.40	3.20	3.60	3.60	3.40
	yd³	4.45	4.45	4.19	4.71	4.71	4.45
Capacity – Struck (§)	m³	3.04	3.04	2.81	3.18	3.18	2.94
	yd³	3.98	3.98	3.68	4.16	4.16	3.85
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2779	2660	2660	2753	2633	2633
	ft/in	9'1"	8'8"	8'8"	9'0"	8'7"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1518	1627	1627	1539	1648	1648
	ft/in	4'11"	5'4"	5'4"	5'0"	5'4"	5'4"
Reach at Level Lift Arm and Bucket Level (§)	mm	2821	2982	2982	2856	3017	3017
	ft/in	9'3"	9'9"	9'9"	9'4"	9'10"	9'10"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8295	8468	8468	8330	8503	8503
	ft/in	27'3"	27'10"	27'10"	27'4"	27'11"	27'11"
Overall Height with Bucket at Maximum Lift	mm	5630	5630	5630	5664	5664	5664
	ft/in	18'6"	18'6"	18'6"	18'7"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 833	14 006	14 006	13 854	14 028	14 028
	ft/in	45'5"	46'0"	46'0"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 023	11 881	12 209	11 957	11 815	12 142
	lb	26,499	26,187	26,908	26,355	26,041	26,761
Static Tipping Load, Straight (Rigid Tire)*	kg	12 767	12 624	12 964	12 703	12 559	12 898
	lb	28,139	27,823	28,572	27,998	27,681	28,428
Static Tipping Load, Articulated (ISO)*	kg	10 322	10 181	10 491	10 260	10 118	10 428
	lb	22,751	22,439	23,123	22,614	22,301	22,983
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 081	10 938	11 260	11 021	10 877	11 199
	lb	24,424	24,108	24,818	24,290	23,973	24,682
Breakout Force** (§)	kN	144	143	156	140	139	151
	lb	32,517	32,240	35,060	31,655	31,379	34,072
Operating Weight*	kg	19 964	20 072	19 915	19 998	20 106	19 949
	lb	44,001	44,239	43,893	44,076	44,314	43,968

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.80	3.80	3.60	2.70	2.70	2.50
	yd³	4.97	4.97	4.71	3.53	3.53	3.27
Capacity – Struck (§)	m³	3.36	3.36	3.12	2.20	2.20	2.00
	yd³	4.39	4.39	4.08	2.88	2.88	2.62
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2718	2598	2598	2853	2728	2728
	ft/in	8'11"	8'6"	8'6"	9'4"	8'11"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1568	1677	1677	1314	1416	1416
	ft/in	5'1"	5'6"	5'6"	4'3"	4'7"	4'7"
Reach at Level Lift Arm and Bucket Level (§)	mm	2902	3063	3063	2641	2802	2802
	ft/in	9'6"	10'0"	10'0"	8'8"	9'2"	9'2"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8376	8549	8549	8115	8288	8288
	ft/in	27'6"	28'1"	28'1"	26'8"	27'3"	27'3"
Overall Height with Bucket at Maximum Lift	mm	5711	5711	5711	5418	5418	5418
	ft/in	18'9"	18'9"	18'9"	17'10"	17'10"	17'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 883	14 057	14 057	13 725	13 895	13 895
	ft/in	45'7"	46'2"	46'2"	45'1"	45'8"	45'8"
Static Tipping Load, Straight (ISO)*	kg	11 871	11 728	12 054	12 234	12 097	12 417
	lb	26,165	25,849	26,567	26,965	26,663	27,367
Static Tipping Load, Straight (Rigid Tire)*	kg	12 619	12 474	12 812	12 953	12 815	13 144
	lb	27,813	27,494	28,239	28,548	28,244	28,970
Static Tipping Load, Articulated (ISO)*	kg	10 178	10 035	10 344	10 535	10 398	10 701
	lb	22,434	22,118	22,799	23,220	22,918	23,586
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 941	10 796	11 117	11 269	11 131	11 444
	lb	24,114	23,795	24,502	24,837	24,533	25,222
Breakout Force** (§)	kN	136	134	146	167	166	182
	lb	30,581	30,306	32,844	37,672	37,389	41,057
Operating Weight*	kg	20 043	20 151	19 994	19 784	19 892	19 735
	lb	44,175	44,413	44,067	43,602	43,840	43,494

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	2.90	2.90	2.70	3.10	3.10	2.90
	yd³	3.79	3.79	3.53	4.05	4.05	3.79
Capacity – Struck (§)	m³	2.40	2.40	2.20	2.61	2.61	2.44
	yd³	3.14	3.14	2.88	3.41	3.41	3.19
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2811	2685	2685	2779	2653	2653
	ft/in	9'2"	8'9"	8'9"	9'1"	8'8"	8'8"
Reach at Maximum Lift and 45° Discharge (§)	mm	1357	1459	1459	1389	1491	1491
	ft/in	4'5"	4'9"	4'9"	4'6"	4'10"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2701	2862	2862	2746	2907	2907
	ft/in	8'10"	9'4"	9'4"	9'0"	9'6"	9'6"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8175	8348	8348	8220	8393	8393
	ft/in	26'10"	27'5"	27'5"	27'0"	27'7"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5480	5480	5480	5517	5517	5517
	ft/in	18'0"	18'0"	18'0"	18'2"	18'2"	18'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 761	13 932	13 932	13 788	13 959	13 959
	ft/in	45'2"	45'9"	45'9"	45'3"	45'10"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 130	11 992	12 308	12 038	11 899	12 216
	lb	26,734	26,430	27,127	26,533	26,227	26,924
Static Tipping Load, Straight (Rigid Tire)*	kg	12 851	12 711	13 038	12 761	12 621	12 947
	lb	28,323	28,016	28,736	28,125	27,816	28,536
Static Tipping Load, Articulated (ISO)*	kg	10 436	10 298	10 598	10 349	10 210	10 510
	lb	23,001	22,697	23,359	22,809	22,504	23,165
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 172	11 033	11 343	11 087	10 947	11 257
	lb	24,624	24,317	25,001	24,436	24,127	24,811
Breakout Force** (§)	kN	159	158	173	153	152	166
	lb	35,805	35,524	38,869	34,496	34,217	37,348
Operating Weight*	kg	19 836	19 944	19 787	19 885	19 993	19 836
	lb	43,717	43,955	43,609	43,825	44,063	43,717

* 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	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m³	3.30	3.30	3.10	3.40	3.40	3.20
	yd³	4.32	4.32	4.05	4.45	4.45	4.19
Capacity – Struck (§)	m³	2.78	2.78	2.61	2.92	2.92	2.74
	yd³	3.64	3.64	3.41	3.82	3.82	3.58
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2747	2622	2622	2719	2593	2593
	ft/in	9'0"	8'7"	8'7"	8'11"	8'6"	8'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1420	1523	1523	1449	1551	1551
	ft/in	4'7"	4'11"	4'11"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2791	2952	2952	2831	2992	2992
	ft/in	9'1"	9'8"	9'8"	9'3"	9'9"	9'9"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8265	8438	8438	8305	8478	8478
	ft/in	27'2"	27'9"	27'9"	27'3"	27'10"	27'10"
Overall Height with Bucket at Maximum Lift	mm	5561	5561	5561	5600	5600	5600
	ft/in	18'3"	18'3"	18'3"	18'5"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 815	13 987	13 987	13 839	14 012	14 012
	ft/in	45'4"	45'11"	45'11"	45'5"	46'0"	46'0"
Static Tipping Load, Straight (ISO)*	kg	11 952	11 812	12 132	11 881	11 740	12 057
	lb	26,342	26,034	26,739	26,186	25,876	26,574
Static Tipping Load, Straight (Rigid Tire)*	kg	12 676	12 535	12 866	12 607	12 465	12 792
	lb	27,938	27,627	28,357	27,786	27,474	28,194
Static Tipping Load, Articulated (ISO)*	kg	10 267	10 127	10 431	10 199	10 059	10 360
	lb	22,629	22,321	22,990	22,480	22,171	22,833
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 006	10 865	11 180	10 941	10 799	11 110
	lb	24,259	23,948	24,641	24,114	23,802	24,487
Breakout Force** (§)	kN	148	146	159	143	142	154
	lb	33,277	32,999	35,937	32,256	31,979	34,761
Operating Weight*	kg	19 929	20 037	19 880	19 967	20 075	19 918
	lb	43,922	44,160	43,814	44,006	44,244	43,898

* 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						High Lift Change in Specs
Edge Type		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth	
Capacity – Rated (§)	m ³	3.60	3.60	3.40	3.80	3.80	3.60	
	yd ³	4.71	4.71	4.45	4.97	4.97	4.71	
Capacity – Struck (§)	m ³	3.10	3.10	2.90	3.28	3.28	3.11	
	yd ³	4.05	4.05	3.79	4.29	4.29	4.07	
Width (§)	mm	2927	2994	2994	2927	2994	2994	
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2687	2561	2561	2651	2525	2525	505
	ft/in	8'9"	8'4"	8'4"	8'8"	8'3"	8'3"	1'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1480	1583	1583	1517	1619	1619	35
	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"	0'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2876	3037	3037	2927	3088	3088	374
	ft/in	9'5"	9'11"	9'11"	9'7"	10'1"	10'1"	1'2"
Digging Depth (§)	mm	90	90	60	90	90	60	4
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"	0.1"
Overall Length	mm	8350	8523	8523	8401	8574	8574	604
	ft/in	27'5"	28'0"	28'0"	27'7"	28'2"	28'2"	2'0"
Overall Height with Bucket at Maximum Lift	mm	5643	5643	5643	5697	5697	5697	506
	ft/in	18'7"	18'7"	18'7"	18'9"	18'9"	18'9"	1'8"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 867	14 040	14 040	13 898	14 073	14 073	393
	ft/in	45'6"	46'1"	46'1"	45'8"	46'3"	46'3"	1'4"
Static Tipping Load, Straight (ISO)*	kg	11 798	11 657	11 974	11 700	11 558	11 875	–1279
	lb	26,004	25,693	26,392	25,787	25,474	26,172	–2,820
Static Tipping Load, Straight (Rigid Tire)*	kg	12 526	12 383	12 711	12 429	12 286	12 614	–1440
	lb	27,608	27,293	28,016	27,394	27,078	27,801	–3,174
Static Tipping Load, Articulated (ISO)*	kg	10 122	9980	10 282	10 028	9886	10 187	–1190
	lb	22,309	21,998	22,661	22,101	21,788	22,452	–2,622
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 864	10 722	11 034	10 772	10 629	10 941	–1341
	lb	23,946	23,631	24,319	23,743	23,426	24,114	–2,955
Breakout Force** (§)	kN	138	137	149	133	132	143	–8
	lb	31,176	30,901	33,524	30,013	29,739	32,198	–1,812
Operating Weight*	kg	20 007	20 115	19 958	20 061	20 169	20 012	602
	lb	44,094	44,332	43,986	44,213	44,451	44,105	1,326

* 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)				
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	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)																			
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 VSW BS L2 Radial	2843	112	−36	−1.4	96	212	64	141
23.5R25 VJT BS E3/L3 Radial	2844	112	−31	−1.2	184	406	123	271
23.5R25 VUT BS L2 Radial	2798	110	−38	−1.5	36	79	24	53
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
23.5-25 STR LD FS L3 Bias	2798	110	−10	−0.4	−224	−538	−149	−328
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
725/70-25 LS 150 Titan L4 Bias	2895	114	28	1.1	708	1,561	472	1,041