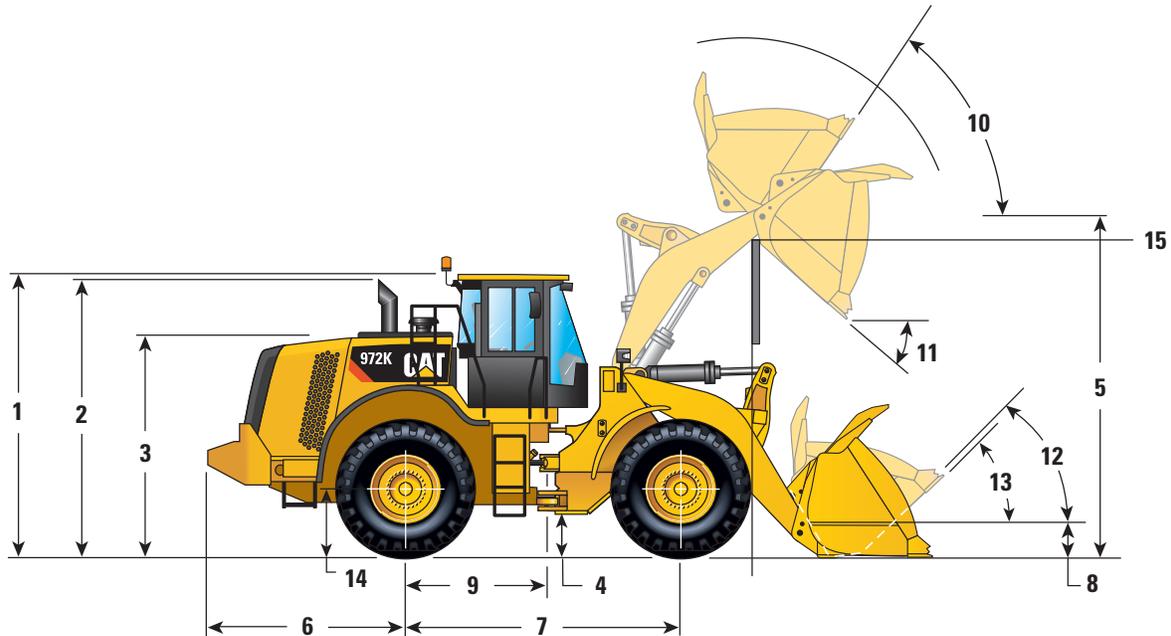


972K Wheel Loader

Dimensions

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



1 Height to Top of ROPS	3547 mm	11'7"
2 Height to Top of Exhaust Pipe	3518 mm	11'6"
3 Height to Top of Hood	2828 mm	9'3"
4 Ground Clearance with 26.5R25 (See Tire Option Chart for Other Tires)	475 mm	1'6"
5 B-Pin Height – Standard	4456 mm	14'7"
B-Pin Height – High Lift	4792 mm	15'8"
6 Center Line of Rear Axle to Edge of Counterweight	2473 mm	8'1"
7 Wheelbase	3450 mm	11'3"
8 B-Pin Height @ Carry – Standard	689 mm	2'3"
9 Center Line of Rear Axle to Hitch	1725 mm	5'7"
10 Rack Back @ Maximum Lift	56 degrees	
11 Dump Angle @ Maximum Lift	48 degrees	
12 Rack Back @ Carry	50 degrees	
13 Rack Back @ Ground	41 degrees	
14 Height to Center Line of Axle	798 mm	2'7"
15 Lift Arm Clearance	3804 mm	12'6"
Lift Arm Clearance @ High Lift	4153 mm	13'6"

972K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.20	4.20	4.00	4.40	4.40	4.20
	yd ³	5.49	5.49	5.23	5.75	5.75	5.49
Capacity – Struck (§)	m ³	3.70	3.70	3.50	3.80	3.80	3.60
	yd ³	4.84	4.84	4.58	4.97	4.97	4.71
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3225	3071	3071	3229	3076	3076
	ft/in	10'6"	10'0"	10'0"	10'7"	10'1"	10'1"
Reach at Maximum Lift and 45° Discharge (§)	mm	1332	1470	1470	1327	1465	1465
	ft/in	4'4"	4'9"	4'9"	4'4"	4'9"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	2955	3160	3160	2948	3153	3153
	ft/in	9'8"	10'4"	10'4"	9'8"	10'4"	10'4"
Digging Depth (§)	mm	103	103	73	103	103	73
	ft/in	4"	4"	2.8"	4"	4"	2.8"
Overall Length	mm	9129	9353	9353	9122	9346	9346
	ft/in	30'0"	30'9"	30'9"	30'0"	30'8"	30'8"
Overall Height with Bucket at Maximum Lift	mm	5937	5937	5937	6230	6230	6230
	ft/in	19'6"	19'6"	19'6"	20'6"	20'6"	20'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 925	15 104	15 104	14 921	15 100	15 100
	ft/in	49'0"	49'7"	49'7"	49'0"	49'7"	49'7"
Static Tipping Load, Straight (ISO)*	kg	18 770	18 589	18 840	18 817	18 636	18 885
	lb	41,371	40,971	41,523	41,474	41,074	41,622
Static Tipping Load, Straight (Rigid Tire)*	kg	20 088	19 903	20 157	20 147	19 962	20 215
	lb	44,274	43,866	44,427	44,405	43,996	44,554
Static Tipping Load, Articulated (ISO)*	kg	16 396	16 213	16 447	16 437	16 253	16 485
	lb	36,138	35,734	36,251	36,227	35,822	36,334
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 706	17 521	17 757	17 758	17 573	17 807
	lb	39,024	38,616	39,138	39,140	38,731	39,248
Breakout Force** (§)	kN	210	208	223	211	209	224
	lb	47,189	46,880	50,138	47,419	47,109	50,397
Operating Weight*	kg	26 223	26 361	26 198	26 229	26 367	26 203
	lb	57,795	58,099	57,740	57,807	58,111	57,752

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.60	4.60	4.40	4.80	4.80	4.60
	yd ³	6.02	6.02	5.75	6.28	6.28	6.02
Capacity – Struck (§)	m ³	4.00	4.00	3.80	4.10	4.10	3.90
	yd ³	5.23	5.23	4.97	5.36	5.36	5.10
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3187	3033	3033	3154	2999	2999
	ft/in	10'5"	9'11"	9'11"	10'4"	9'10"	9'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1363	1500	1500	1392	1528	1528
	ft/in	4'5"	4'11"	4'11"	4'6"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	3004	3209	3209	3049	3254	3254
	ft/in	9'10"	10'6"	10'6"	10'0"	10'8"	10'8"
Digging Depth (§)	mm	103	103	73	103	103	73
	ft/in	4"	4"	2.8"	4"	4"	2.8"
Overall Length	mm	9178	9402	9402	9223	9447	9447
	ft/in	30'2"	30'11"	30'11"	30'4"	31'0"	31'0"
Overall Height with Bucket at Maximum Lift	mm	6195	6195	6195	6031	6031	6031
	ft/in	20'4"	20'4"	20'4"	19'10"	19'10"	19'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 951	15 132	15 132	14 976	15 157	15 157
	ft/in	49'1"	49'8"	49'8"	49'2"	49'9"	49'9"
Static Tipping Load, Straight (ISO)*	kg	18 658	18 476	18 733	18 683	18 500	20 705
	lb	41,124	40,722	41,288	41,179	40,775	45,634
Static Tipping Load, Straight (Rigid Tire)*	kg	19 985	19 799	20 059	20 017	19 830	22 448
	lb	44,048	43,638	44,210	44,118	43,705	49,475
Static Tipping Load, Articulated (ISO)*	kg	16 289	16 104	16 343	16 317	16 132	18 062
	lb	35,901	35,494	36,021	35,963	35,554	39,810
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 608	17 422	17 662	17 642	17 455	19 773
	lb	38,808	38,398	38,927	38,884	38,471	43,580
Breakout Force** (§)	kN	202	201	214	196	194	207
	lb	45,482	45,173	48,227	44,075	43,766	46,655
Operating Weight*	kg	26 284	26 422	26 258	26 212	26 350	26 186
	lb	57,929	58,233	57,873	57,770	58,074	57,714

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Pin On			General Purpose – Fusion QC		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	5.00	5.00	4.80	4.20	4.20	4.00
	yd ³	6.54	6.54	6.28	5.49	5.49	5.23
Capacity – Struck (§)	m ³	4.30	4.30	4.10	3.70	3.70	3.50
	yd ³	5.62	5.62	5.36	4.84	4.84	4.58
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3137	2982	2982	3195	3041	3041
	ft/in	10'3"	9'9"	9'9"	10'5"	9'11"	9'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1407	1543	1543	1367	1504	1504
	ft/in	4'7"	5'0"	5'0"	4'5"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	3072	3277	3277	3000	3205	3205
	ft/in	10'0"	10'9"	10'9"	9'10"	10'6"	10'6"
Digging Depth (§)	mm	103	103	73	103	103	73
	ft/in	4"	4"	2.8"	4"	4"	2.8"
Overall Length	mm	9246	9470	9470	9175	9398	9398
	ft/in	30'4"	31'1"	31'1"	30'2"	30'10"	30'10"
Overall Height with Bucket at Maximum Lift	mm	6284	6284	6284	6036	6036	6036
	ft/in	20'8"	20'8"	20'8"	19'10"	19'10"	19'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 989	15 170	15 170	14 944	15 126	15 126
	ft/in	49'3"	49'10"	49'10"	49'1"	49'8"	49'8"
Static Tipping Load, Straight (ISO)*	kg	18 779	18 595	18 832	18 260	18 079	18 430
	lb	41,390	40,984	41,507	40,246	39,848	40,621
Static Tipping Load, Straight (Rigid Tire)*	kg	20 115	19 927	20 166	19 563	19 379	19 746
	lb	44,334	43,919	44,447	43,118	42,711	43,520
Static Tipping Load, Articulated (ISO)*	kg	16 414	16 228	16 449	15 906	15 723	16 058
	lb	36,177	35,767	36,254	35,057	34,653	35,393
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 739	17 551	17 772	17 205	17 020	17 369
	lb	39,097	38,683	39,171	37,920	37,513	38,282
Breakout Force** (§)	kN	198	197	210	203	201	215
	lb	44,634	44,325	47,205	45,615	45,306	48,375
Operating Weight*	kg	26 325	26 463	26 299	26 600	26 738	26 574
	lb	58,019	58,323	57,963	58,625	58,929	58,569

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.40	4.40	4.20	4.60	4.60	4.40
	yd ³	5.75	5.75	5.49	6.02	6.02	5.75
Capacity – Struck (§)	m ³	3.80	3.80	3.60	4.00	4.00	3.80
	yd ³	4.97	4.97	4.71	5.23	5.23	4.97
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3200	3047	3047	3157	3003	3003
	ft/in	10'6"	9'11"	9'11"	10'4"	9'10"	9'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1362	1500	1500	1397	1535	1535
	ft/in	4'5"	4'11"	4'11"	4'7"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2993	3198	3198	3050	3255	3255
	ft/in	9'9"	10'5"	10'5"	10'0"	10'8"	10'8"
Digging Depth (§)	mm	103	103	73	103	103	73
	ft/in	4"	4"	2.8"	4"	4"	2.8"
Overall Length	mm	9167	9391	9391	9224	9448	9448
	ft/in	30'1"	30'10"	30'10"	30'4"	31'0"	31'0"
Overall Height with Bucket at Maximum Lift	mm	6205	6205	6205	6211	6211	6211
	ft/in	20'5"	20'5"	20'5"	20'5"	20'5"	20'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 940	15 122	15 122	14 971	15 154	15 154
	ft/in	49'1"	49'8"	49'8"	49'2"	49'9"	49'9"
Static Tipping Load, Straight (ISO)*	kg	18 263	18 082	18 439	18 113	17 931	18 282
	lb	40,252	39,853	40,639	39,921	39,520	40,293
Static Tipping Load, Straight (Rigid Tire)*	kg	19 578	19 393	19 767	19 425	19 239	19 606
	lb	43,150	42,742	43,566	42,812	42,403	43,212
Static Tipping Load, Articulated (ISO)*	kg	15 902	15 719	16 060	15 761	15 577	15 912
	lb	35,049	34,645	35,396	34,738	34,332	35,072
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 213	17 028	17 383	17 070	16 884	17 233
	lb	37,937	37,530	38,312	37,622	37,212	37,982
Breakout Force** (§)	kN	203	202	216	195	194	207
	lb	45,788	45,479	48,572	43,941	43,632	46,510
Operating Weight*	kg	26 642	26 780	26 616	26 700	26 838	26 675
	lb	58,718	59,022	58,662	58,847	59,151	58,791

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.80	4.80	4.60	5.00	5.00	4.80
	yd ³	6.28	6.28	6.02	6.54	6.54	6.28
Capacity – Struck (§)	m ³	4.10	4.10	3.90	4.30	4.30	4.10
	yd ³	5.36	5.36	5.10	5.62	5.62	5.36
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3130	2975	2975	3106	2951	2951
	ft/in	10'3"	9'9"	9'9"	10'2"	9'8"	9'8"
Reach at Maximum Lift and 45° Discharge (§)	mm	1419	1555	1555	1440	1576	1576
	ft/in	4'7"	5'1"	5'1"	4'8"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	3085	3290	3290	3117	3322	3322
	ft/in	10'1"	10'9"	10'9"	10'2"	10'10"	10'10"
Digging Depth (§)	mm	103	103	73	103	103	73
	ft/in	4"	4"	2.8"	4"	4"	2.8"
Overall Length	mm	9259	9483	9483	9291	9515	9515
	ft/in	30'5"	31'2"	31'2"	30'6"	31'3"	31'3"
Overall Height with Bucket at Maximum Lift	mm	6270	6270	6270	6296	6296	6296
	ft/in	20'7"	20'7"	20'7"	20'8"	20'8"	20'8"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 991	15 174	15 174	15 009	15 193	15 193
	ft/in	49'3"	49'10"	49'10"	49'3"	49'11"	49'11"
Static Tipping Load, Straight (ISO)*	kg	18 105	17 922	18 271	17 986	17 802	18 150
	lb	39,903	39,500	40,270	39,642	39,237	40,003
Static Tipping Load, Straight (Rigid Tire)*	kg	19 423	19 236	19 602	19 306	19 119	19 483
	lb	42,808	42,396	43,203	42,552	42,138	42,941
Static Tipping Load, Articulated (ISO)*	kg	15 754	15 569	15 903	15 636	15 450	15 783
	lb	34,722	34,314	35,051	34,462	34,052	34,786
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 068	16 881	17 230	16 953	16 766	17 112
	lb	37,619	37,207	37,975	37,366	36,952	37,716
Breakout Force** (§)	kN	190	189	201	186	185	196
	lb	42,897	42,588	45,348	41,881	41,572	44,224
Operating Weight*	kg	26 695	26 833	26 670	26 786	26 924	26 761
	lb	58,836	59,140	58,780	59,036	59,340	58,980

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		Material Handling – Pin On			Rock – Pin On***		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.60	4.60	4.40	3.60	3.60	3.40
	yd ³	6.02	6.02	5.75	4.71	4.71	4.45
Capacity – Struck (§)	m ³	3.90	3.90	3.70	3.10	3.10	2.90
	yd ³	5.10	5.10	4.84	4.05	4.05	3.79
Width (§)	mm	3220	3271	3271	3252	3252	3252
	ft/in	10'6"	10'8"	10'8"	10'8"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3120	2957	2957	3336	3248	3248
	ft/in	10'2"	9'8"	9'8"	10'11"	10'7"	10'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1286	1413	1413	1420	1528	1528
	ft/in	4'2"	4'7"	4'7"	4'7"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	3014	3219	3219	2964	3104	3104
	ft/in	9'10"	10'6"	10'6"	9'8"	10'2"	10'2"
Digging Depth (§)	mm	103	103	73	44	44	4
	ft/in	4"	4"	2.8"	1.7"	1.7"	0.1"
Overall Length	mm	9188	9412	9412	9127	9272	9272
	ft/in	30'2"	30'11"	30'11"	30'0"	30'6"	30'6"
Overall Height with Bucket at Maximum Lift	mm	6162	6162	6162	6042	6042	6042
	ft/in	20'3"	20'3"	20'3"	19'10"	19'10"	19'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 957	15 137	15 137	14 978	15 061	15 061
	ft/in	49'1"	49'8"	49'8"	49'2"	49'5"	49'5"
Static Tipping Load, Straight (ISO)*	kg	18 595	18 413	18 653	19 302	19 235	19 616
	lb	40,983	40,582	41,111	42,543	42,394	43,234
Static Tipping Load, Straight (Rigid Tire)*	kg	19 901	19 715	19 958	20 641	20 572	20 963
	lb	43,862	43,453	43,988	45,494	45,342	46,202
Static Tipping Load, Articulated (ISO)*	kg	16 235	16 051	16 274	16 872	16 804	17 167
	lb	35,782	35,376	35,869	37,187	37,036	37,837
Static Tipping Load, Articulated (Rigid Tire)*	kg	17 534	17 349	17 573	18 203	18 134	18 504
	lb	38,646	38,237	38,732	40,120	39,968	40,783
Breakout Force** (§)	kN	201	199	213	222	222	231
	lb	45,174	44,865	47,882	50,090	49,982	52,114
Operating Weight*	kg	26 279	26 417	26 253	26 934	26 985	26 760
	lb	57,918	58,222	57,862	59,361	59,473	58,977

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		Rock – Pin On***			Rock – Fusion QC***		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.00	4.00	3.80	3.60	3.60	3.40
	yd ³	5.23	5.23	4.97	4.71	4.71	4.45
Capacity – Struck (§)	m ³	3.50	3.50	3.30	3.10	3.10	2.90
	yd ³	4.58	4.58	4.32	4.05	4.05	3.79
Width (§)	mm	3252	3252	3252	3252	3252	3252
	ft/in	10'8"	10'8"	10'8"	10'8"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3233	3142	3142	3310	3222	3222
	ft/in	10'7"	10'3"	10'3"	10'10"	10'6"	10'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1463	1571	1571	1455	1563	1563
	ft/in	4'9"	5'1"	5'1"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	3073	3214	3214	3008	3147	3147
	ft/in	10'1"	10'6"	10'6"	9'10"	10'3"	10'3"
Digging Depth (§)	mm	44	44	44	44	44	4
	ft/in	1.7"	1.7"	1.7"	1.7"	1.7"	0.1"
Overall Length	mm	9236	9380	9380	9171	9315	9315
	ft/in	30'4"	30'10"	30'10"	30'2"	30'7"	30'7"
Overall Height with Bucket at Maximum Lift	mm	6159	6159	6159	6060	6060	6060
	ft/in	20'3"	20'3"	20'3"	19'11"	19'11"	19'11"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 039	15 123	15 123	14 996	15 081	15 081
	ft/in	49'5"	49'8"	49'8"	49'3"	49'6"	49'6"
Static Tipping Load, Straight (ISO)*	kg	19 183	19 114	19 459	18 779	18 710	19 158
	lb	42,281	42,128	42,887	41,390	41,238	42,225
Static Tipping Load, Straight (Rigid Tire)*	kg	20 544	20 474	20 829	20 105	20 035	20 500
	lb	45,281	45,125	45,907	44,312	44,157	45,184
Static Tipping Load, Articulated (ISO)*	kg	16 744	16 674	17 016	16 368	16 299	16 730
	lb	36,905	36,750	37,503	36,076	35,923	36,873
Static Tipping Load, Articulated (Rigid Tire)*	kg	18 098	18 027	18 376	17 690	17 620	18 065
	lb	39,889	39,733	40,501	38,990	38,835	39,816
Breakout Force** (§)	kN	204	204	212	215	214	223
	lb	45,999	45,886	47,764	48,357	48,247	50,268
Operating Weight*	kg	27 081	27 132	26 907	27 326	27 378	27 153
	lb	59,685	59,797	59,301	60,225	60,339	59,844

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Operating Specifications

Bucket Type		Coal – Pin On	Coal – Fusion QC	High Lift Change in Specs
Edge Type		Bolt-On Edges	Bolt-On Edges	
Capacity – Rated (§)	m ³	7.10	7.10	
	yd ³	9.29	9.29	
Capacity – Struck (§)	m ³	6.20	6.20	
	yd ³	8.11	8.11	
Width (§)	mm	3447	3447	
	ft/in	11'3"	11'3"	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2842	2819	335
	ft/in	9'3"	9'2"	1'1"
Reach at Maximum Lift and 45° Discharge (§)	mm	1544	1584	23
	ft/in	5'0"	5'2"	1"
Reach at Level Lift Arm and Bucket Level (§)	mm	3393	3438	273
	ft/in	11'1"	11'3"	0'10"
Digging Depth (§)	mm	117	105	-4
	ft/in	4.6"	4.1"	-0.1"
Overall Length	mm	9578	9614	336
	ft/in	31'6"	31'7"	1'2"
Overall Height with Bucket at Maximum Lift	mm	6546	6581	336
	ft/in	21'6"	21'8"	1'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	15 385	15 401	332
	ft/in	50'6"	50'7"	1'2"
Static Tipping Load, Straight (ISO)*	kg	17 394	16 779	-1558
	lb	38,337	36,983	-3,434
Static Tipping Load, Straight (Rigid Tire)*	kg	18 728	18 106	-1721
	lb	41,277	39,906	-3,794
Static Tipping Load, Articulated (ISO)*	kg	15 072	14 465	-1391
	lb	33,220	31,882	-3,066
Static Tipping Load, Articulated (Rigid Tire)*	kg	16 407	15 797	-1568
	lb	36,161	34,817	-3,457
Breakout Force** (§)	kN	154	149	-5
	lb	34,604	33,479	-1,327
Operating Weight*	kg	26 946	27 506	85
	lb	59,387	60,622	186

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 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.

972K Wheel Loader

Extended Capacity Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.60	4.60	4.40	4.90	4.90	4.70
	yd ³	6.02	6.02	5.75	6.41	6.41	6.15
Capacity – Struck (§)	m ³	4.05	4.05	3.90	4.20	4.20	4.00
	yd ³	5.30	5.30	5.10	5.49	5.49	5.23
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2978	2824	2824	2920	2765	2765
	ft/in	9'9"	9'3"	9'3"	9'6"	9'0"	9'0"
Reach at Maximum Lift and 45° Discharge (§)	mm	1400	1537	1537	1448	1584	1584
	ft/in	4'7"	5'0"	5'0"	4'9"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2857	3062	3062	2933	3138	3138
	ft/in	9'4"	10'0"	10'0"	9'7"	10'3"	10'3"
Digging Depth (§)	mm	123	123	93	123	123	93
	ft/in	4.8"	4.8"	3.6"	4.8"	4.8"	3.6"
Overall Length	mm	8996	9221	9221	9072	9297	9297
	ft/in	29'7"	30'4"	30'4"	29'10"	30'7"	30'7"
Overall Height with Bucket at Maximum Lift	mm	5875	5875	5875	6095	6095	6095
	ft/in	19'4"	19'4"	19'4"	20'0"	20'0"	20'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 787	14 961	14 961	14 827	15 001	15 001
	ft/in	48'7"	49'1"	49'1"	48'8"	49'3"	49'3"
Static Tipping Load, Straight (ISO)*	kg	20 204	20 021	20 388	20 052	19 867	20 098
	lb	44,531	44,127	44,936	44,194	43,787	44,296
Static Tipping Load, Straight (Rigid Tire)*	kg	21 762	21 574	21 959	21 624	21 434	21 667
	lb	47,964	47,549	48,397	47,660	47,241	47,755
Static Tipping Load, Articulated (ISO)*	kg	17 668	17 482	17 836	17 520	17 333	17 546
	lb	38,940	38,531	39,312	38,615	38,202	38,672
Static Tipping Load, Articulated (Rigid Tire)*	kg	19 203	19 015	19 384	19 071	18 881	19 094
	lb	42,325	41,910	42,722	42,032	41,614	42,085
Breakout Force** (§)	kN	215	214	228	204	202	215
	lb	48,470	48,095	51,358	45,923	45,550	48,516
Operating Weight*	kg	26 062	26 200	26 037	26 185	26 323	26 160
	lb	57,440	57,744	57,384	57,712	58,016	57,656

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 XLDD2 L5 Radial tires.

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(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.

972K Wheel Loader

Extended Capacity Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	4.60	4.60	4.40	4.90	4.90	4.70
	yd ³	6.02	6.02	5.75	6.41	6.41	6.15
Capacity – Struck (§)	m ³	4.05	4.05	3.90	4.20	4.20	4.00
	yd ³	5.30	5.30	5.10	5.49	5.49	5.23
Width (§)	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2948	2794	2794	2899	2744	2744
	ft/in	9'8"	9'2"	9'2"	9'6"	9'0"	9'0"
Reach at Maximum Lift and 45° Discharge (§)	mm	1436	1573	1573	1484	1621	1621
	ft/in	4'8"	5'1"	5'1"	4'10"	5'3"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2903	3108	3108	2975	3180	3180
	ft/in	9'6"	10'2"	10'2"	9'9"	10'5"	10'5"
Digging Depth (§)	mm	122	122	92	115	115	85
	ft/in	4.8"	4.8"	3.6"	4.5"	4.5"	3.3"
Overall Length	mm	9041	9267	9267	9108	9333	9333
	ft/in	29'8"	30'5"	30'5"	29'11"	30'8"	30'8"
Overall Height with Bucket at Maximum Lift	mm	6039	6039	6039	6126	6126	6126
	ft/in	19'10"	19'10"	19'10"	20'2"	20'2"	20'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 804	14 981	14 981	14 837	15 015	15 015
	ft/in	48'7"	49'2"	49'2"	48'9"	49'4"	49'4"
Static Tipping Load, Straight (ISO)*	kg	19 674	19 491	19 844	19 574	19 389	19 752
	lb	43,362	42,959	43,738	43,141	42,734	43,534
Static Tipping Load, Straight (Rigid Tire)*	kg	21 217	21 029	21 404	21 141	20 952	21 335
	lb	46,763	46,350	47,176	46,596	46,178	47,023
Static Tipping Load, Articulated (ISO)*	kg	17 155	16 969	17 308	17 052	16 865	17 213
	lb	37,809	37,400	38,147	37,584	37,171	37,937
Static Tipping Load, Articulated (Rigid Tire)*	kg	18 681	18 493	18 850	18 603	18 413	18 777
	lb	41,173	40,759	41,545	41,001	40,583	41,385
Breakout Force** (§)	kN	208	207	220	198	196	209
	lb	46,886	46,513	49,589	44,570	44,204	47,022
Operating Weight*	kg	26 508	26 646	26 483	26 598	26 736	26 573
	lb	58,424	58,728	58,368	58,622	58,926	58,567

* Static tipping loads and operating weights shown are based on a machine configuration with Michelin 26.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, 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 26.5R25 XLDD2 L5 Radial tires.

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

972K Wheel Loader

Bucket Selection Chart

Material Density		kg/m ³	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	4.20 m ³ (5.49 yd ³)											4.83 m ³ (6.32 yd ³)							4.20 m ³ (5.49 yd ³)			
			4.40 m ³ (5.75 yd ³)												5.06 m ³ (6.62 yd ³)							4.40 m ³ (5.75 yd ³)		
			4.60 m ³ (6.02 yd ³)													5.29 m ³ (6.92 yd ³)							4.60 m ³ (6.02 yd ³)	
			4.80 m ³ (6.28 yd ³)													5.52 m ³ (7.22 yd ³)							4.80 m ³ (6.28 yd ³)	
			5.00 m ³ (6.54 yd ³)													5.75 m ³ (7.52 yd ³)							5.00 m ³ (6.54 yd ³)	
		Material Handling	4.60 m ³ (6.02 yd ³)													5.29 m ³ (6.92 yd ³)							4.60 m ³ (6.02 yd ³)	
	Rock	3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.42 yd ³)							3.42 m ³ (4.47 yd ³)		
		4.00 m ³ (5.23 yd ³)													4.60 m ³ (6.02 yd ³)							3.80 m ³ (4.97 yd ³)		
	Coal	7.10 m ³ (9.29 yd ³)			8.17 m ³ (10.69 yd ³)				7.10 m ³ (9.29 yd ³)															
	Fusion QC	General Purpose	4.20 m ³ (5.49 yd ³)												4.83 m ³ (6.32 yd ³)							4.20 m ³ (5.49 yd ³)		
			4.40 m ³ (5.75 yd ³)													5.06 m ³ (6.62 yd ³)							4.40 m ³ (5.75 yd ³)	
			4.60 m ³ (6.02 yd ³)													5.29 m ³ (6.92 yd ³)							4.60 m ³ (6.02 yd ³)	
4.80 m ³ (6.28 yd ³)															5.52 m ³ (7.22 yd ³)							4.80 m ³ (6.28 yd ³)		
5.00 m ³ (6.54 yd ³)															5.75 m ³ (7.52 yd ³)							5.00 m ³ (6.54 yd ³)		
Rock		3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.42 yd ³)							3.42 m ³ (4.47 yd ³)		
Coal	7.10 m ³ (9.29 yd ³)			8.17 m ³ (10.69 yd ³)				7.10 m ³ (9.29 yd ³)																
Material Density	lb/yd ³		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 Density																								
115% 110% 105% 100% 95%																								

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

972K Wheel Loader

Bucket Selection Chart

Material Density		kg/m ³	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	4.20 m ³ (5.49 yd ³)											4.83 m ³ (6.32 yd ³)		4.20 m ³ (5.49 yd ³)									
			4.40 m ³ (5.75 yd ³)												5.06 m ³ (6.62 yd ³)		4.40 m ³ (5.75 yd ³)								
			4.60 m ³ (6.02 yd ³)													5.29 m ³ (6.92 yd ³)		4.60 m ³ (6.02 yd ³)							
			4.80 m ³ (6.28 yd ³)													5.52 m ³ (7.22 yd ³)		4.80 m ³ (6.28 yd ³)							
			5.00 m ³ (6.54 yd ³)													5.75 m ³ (7.52 yd ³)		5.00 m ³ (6.54 yd ³)							
		Material Handling	4.60 m ³ (6.02 yd ³)													5.29 m ³ (6.92 yd ³)		4.60 m ³ (6.02 yd ³)							
	Fusion QC	Rock	3.60 m ³ (4.71 yd ³)												4.14 m ³ (5.42 yd ³)									3.42 m ³ (4.47 yd ³)	
			4.00 m ³ (5.23 yd ³)													4.60 m ³ (6.02 yd ³)								3.80 m ³ (4.97 yd ³)	
		Coal	7.10 m ³ (9.29 yd ³)	8.17 m ³ (10.69 yd ³)																					7.10 m ³ (9.29 yd ³)
			4.20 m ³ (5.49 yd ³)														4.83 m ³ (6.32 yd ³)		4.20 m ³ (5.49 yd ³)						
		General Purpose	4.40 m ³ (5.75 yd ³)														5.06 m ³ (6.62 yd ³)		4.40 m ³ (5.75 yd ³)						
			4.60 m ³ (6.02 yd ³)														5.29 m ³ (6.92 yd ³)		4.60 m ³ (6.02 yd ³)						
Rock	3.60 m ³ (4.71 yd ³)														4.14 m ³ (5.42 yd ³)								3.42 m ³ (4.47 yd ³)		
	4.00 m ³ (5.23 yd ³)														4.60 m ³ (6.02 yd ³)								3.80 m ³ (4.97 yd ³)		
Coal	7.10 m ³ (9.29 yd ³)	8.17 m ³ (10.69 yd ³)																					7.10 m ³ (9.29 yd ³)		
	5.00 m ³ (6.54 yd ³)														5.75 m ³ (7.52 yd ³)		5.00 m ³ (6.54 yd ³)								
Material Density	lb/yd ³		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 Density																									
115% 110% 105% 100% 95%																									

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

972K Wheel Loader

Bucket Selection Chart

Material Density		kg/m ³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500		
Extended Capacity Linkage	Pin On	General Purpose										5.29 m ³ (6.92 yd ³)			4.60 m ³ (6.02 yd ³)								
												5.64 m ³ (7.38 yd ³)			4.90 m ³ (6.41 yd ³)								
Extended Capacity Linkage	Fusion QC	General Purpose										5.29 m ³ (6.92 yd ³)			4.60 m ³ (6.02 yd ³)								
												5.64 m ³ (7.38 yd ³)			4.90 m ³ (6.41 yd ³)								
Material Density		lb/yd ³	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 Density		115% 110% 105% 100% 95% 																					

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

972K 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