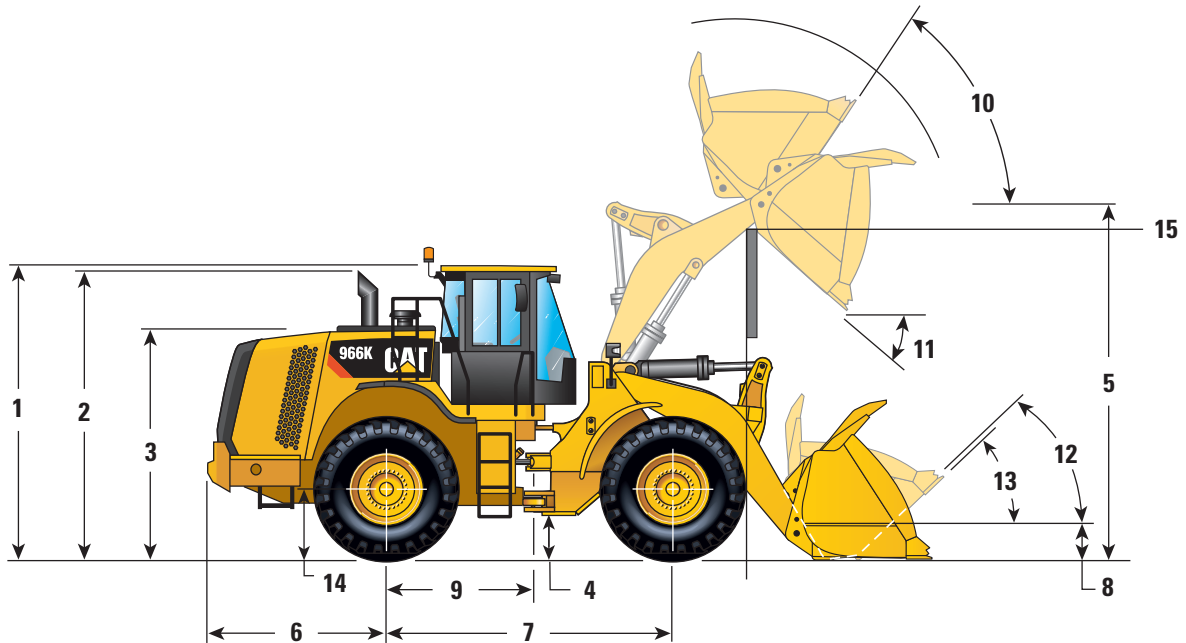


# 966K Wheel Loader

## Dimensions

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



<b>1</b> Height to Top of ROPS	3547 mm	11'7"
<b>2</b> Height to Top of Exhaust Pipe	3518 mm	11'6"
<b>3</b> Height to Top of Hood	2828 mm	9'3"
<b>4</b> Ground Clearance With 26.5R25 (See Tire Option Chart for Other Tires)	475 mm	1'6"
<b>5</b> B-Pin Height – Standard	4234 mm	13'10"
B-Pin Height – High-Lift	4792 mm	15'8"
<b>6</b> Center Line of Rear Axle to Edge of Counterweight	2187 mm	7'2"
<b>7</b> Wheelbase	3450 mm	11'3"
<b>8</b> B-Pin Height @ Carry – Standard	640 mm	2'1"
<b>9</b> Center Line of Rear Axle to Hitch	1725 mm	5'7"
<b>10</b> Rack Back @ Maximum Lift	62 degrees	
<b>11</b> Dump Angle @ Maximum Lift	49 degrees	
<b>12</b> Rack Back @ Carry	50 degrees	
<b>13</b> Rack Back @ Ground	42 degrees	
<b>14</b> Height to Center Line of Axle	798 mm	2'7"
<b>15</b> Lift Arm Clearance	2862 mm	9'3"
Lift Arm Clearance @ High Lift	4153 mm	13'6"

# 966K 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 <sup>3</sup>	3.80	3.80	3.60	4.00	4.00	3.80
	yd <sup>3</sup>	4.97	4.97	4.71	5.23	5.23	4.97
Capacity – Struck (§)	m <sup>3</sup>	3.24	3.24	3.09	3.50	3.50	3.34
	yd <sup>3</sup>	4.24	4.24	4.04	4.58	4.58	4.37
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	3067	2915	2915	3058	2905	2905
	ft/in	10'0"	9'6"	9'6"	10'0"	9'6"	9'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1327	1467	1467	1334	1473	1473
	ft/in	4'4"	4'9"	4'9"	4'4"	4'10"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2739	2943	2943	2750	2955	2955
	ft/in	8'11"	9'7"	9'7"	9'0"	9'8"	9'8"
Digging Depth (§)	mm	124	124	94	124	124	94
	in	4.9"	4.9"	3.7"	4.9"	4.9"	3.7"
Overall Length	mm	8592	8817	8817	8604	8829	8829
	ft/in	28'3"	29'0"	29'0"	28'3"	29'0"	29'0"
Overall Height with Bucket at Maximum Lift	mm	5788	5788	5788	5902	5902	5902
	ft/in	19'0"	19'0"	19'0"	19'5"	19'5"	19'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 727	14 899	14 899	14 733	14 905	14 905
	ft/in	48'4"	48'11"	48'11"	48'5"	48'11"	48'11"
Static Tipping Load, Straight (ISO)*	kg	16 852	16 671	16 870	16 833	16 652	16 885
	lb	37,142	36,743	37,182	37,101	36,701	37,215
Static Tipping Load, Straight (Rigid Tire)*	kg	18 071	17 886	18 074	18 062	17 877	18 113
	lb	39,829	39,422	39,835	39,809	39,401	39,922
Static Tipping Load, Articulated (ISO)*	kg	14 843	14 661	14 851	14 821	14 638	14 856
	lb	32,715	32,312	32,733	32,666	32,262	32,743
Static Tipping Load, Articulated (Rigid Tire)*	kg	16 034	15 849	16 028	16 021	15 836	16 056
	lb	35,339	34,932	35,326	35,311	34,903	35,388
Breakout Force** (§)	kN	187	185	199	185	183	197
	lb	42,151	41,781	44,901	41,695	41,326	44,390
Operating Weight*	kg	24 081	24 218	24 055	24 133	24 270	24 107
	lb	53,073	53,377	53,017	53,188	53,492	53,132

\* 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.

# 966K 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 <sup>3</sup>	4.20	4.20	4.00	4.60	4.60	4.40
	yd <sup>3</sup>	5.49	5.49	5.23	6.02	6.02	5.75
Capacity – Struck (§)	m <sup>3</sup>	3.80	3.80	3.60	4.05	4.05	3.90
	yd <sup>3</sup>	4.97	4.97	4.71	5.30	5.30	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	2991	2837	2837	2977	2823	2823
	ft/in	9'9"	9'3"	9'3"	9'9"	9'3"	9'3"
Reach at Maximum Lift and 45° Discharge (§)	mm	1388	1525	1525	1400	1537	1537
	ft/in	4'6"	5'0"	5'0"	4'7"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2838	3043	3043	2857	3062	3062
	ft/in	9'3"	9'11"	9'11"	9'4"	10'0"	10'0"
Digging Depth (§)	mm	124	124	94	124	124	94
	in	4.9"	4.9"	3.7"	4.9"	4.9"	3.7"
Overall Length	mm	8691	8916	8916	8710	8935	8935
	ft/in	28'7"	29'4"	29'4"	28'7"	29'4"	29'4"
Overall Height with Bucket at Maximum Lift	mm	5902	5902	5902	5874	5874	5874
	ft/in	19'5"	19'5"	19'5"	19'4"	19'4"	19'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 778	14 951	14 951	14 787	14 961	14 961
	ft/in	48'6"	49'1"	49'1"	48'7"	49'1"	49'1"
Static Tipping Load, Straight (ISO)*	kg	16 635	16 453	16 693	16 631	16 447	16 792
	lb	36,664	36,262	36,792	36,655	36,249	37,010
Static Tipping Load, Straight (Rigid Tire)*	kg	17 855	17 669	17 913	17 875	17 687	18 047
	lb	39,353	38,943	39,480	39,397	38,983	39,777
Static Tipping Load, Articulated (ISO)*	kg	14 636	14 452	14 677	14 622	14 436	14 771
	lb	32,259	31,853	32,349	32,227	31,817	32,556
Static Tipping Load, Articulated (Rigid Tire)*	kg	15 828	15 642	15 869	15 837	15 649	15 997
	lb	34,886	34,476	34,977	34,906	34,492	35,257
Breakout Force** (§)	kN	173	171	184	170	168	180
	lb	38,984	38,618	41,343	38,277	37,912	40,561
Operating Weight*	kg	24 189	24 326	24 163	24 229	24 366	24 203
	lb	53,311	53,615	53,255	53,399	53,703	53,343

\* 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.

# 966K 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 <sup>3</sup>	3.80	3.80	3.60	4.20	4.20	4.00
	yd <sup>3</sup>	4.97	4.97	4.71	5.49	5.49	5.23
Capacity – Struck (§)	m <sup>3</sup>	3.24	3.24	3.09	3.80	3.80	3.60
	yd <sup>3</sup>	4.24	4.24	4.04	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	3038	2886	2886	2960	2806	2806
	ft/in	9'11"	9'5"	9'5"	9'8"	9'2"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1362	1501	1501	1433	1571	1571
	ft/in	4'5"	4'11"	4'11"	4'8"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2783	2988	2988	2893	3097	3097
	ft/in	9'1"	9'9"	9'9"	9'5"	10'1"	10'1"
Digging Depth (§)	mm	124	124	94	116	116	86
	in	4.9"	4.9"	3.7"	4.5"	4.5"	3.4"
Overall Length	mm	8637	8862	8862	8739	8965	8965
	ft/in	28'5"	29'1"	29'1"	28'9"	29'5"	29'5"
Overall Height with Bucket at Maximum Lift	mm	5803	5803	5803	5960	5960	5960
	ft/in	19'1"	19'1"	19'1"	19'7"	19'7"	19'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 743	14 917	14 917	14 794	14 970	14 970
	ft/in	48'5"	49'0"	49'0"	48'7"	49'2"	49'2"
Static Tipping Load, Straight (ISO)*	kg	16 279	16 099	16 440	16 015	15 834	16 167
	lb	35,880	35,483	36,233	35,297	34,898	35,634
Static Tipping Load, Straight (Rigid Tire)*	kg	17 471	17 287	17 643	17 204	17 020	17 368
	lb	38,506	38,101	38,885	37,918	37,512	38,280
Static Tipping Load, Articulated (ISO)*	kg	14 292	14 111	14 438	14 047	13 865	14 186
	lb	31,501	31,100	31,821	30,961	30,558	31,266
Static Tipping Load, Articulated (Rigid Tire)*	kg	15 460	15 276	15 616	15 214	15 029	15 363
	lb	34,074	33,670	34,418	33,531	33,125	33,860
Breakout Force** (§)	kN	180	179	192	166	164	176
	lb	40,632	40,264	43,192	37,382	37,023	39,561
Operating Weight*	kg	24 498	24 636	24 472	24 561	24 699	24 536
	lb	53,992	54,296	53,936	54,132	54,436	54,076

\* 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.

# 966K Wheel Loader

## Operating Specifications

Bucket Type		General Purpose – Fusion QC			Material Handling – Pin On		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m <sup>3</sup>	4.60	4.60	4.40	4.20	4.20	4.00
	yd <sup>3</sup>	6.02	6.02	5.75	5.49	5.49	5.23
Capacity – Struck (§)	m <sup>3</sup>	4.05	4.05	3.90	3.60	3.60	3.45
	yd <sup>3</sup>	5.30	5.30	5.10	4.71	4.71	4.51
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	2947	2793	2793	2967	2804	2804
	ft/in	9'8"	9'1"	9'1"	9'8"	9'2"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1436	1573	1573	1263	1390	1390
	ft/in	4'8"	5'1"	5'1"	4'1"	4'6"	4'6"
Reach at Level Lift Arm and Bucket Level (§)	mm	2903	3108	3108	2784	2988	2988
	ft/in	9'6"	10'2"	10'2"	9'1"	9'9"	9'9"
Digging Depth (§)	mm	123	123	93	124	124	94
	in	4.8"	4.8"	3.6"	4.9"	4.9"	3.7"
Overall Length	mm	8755	8980	8980	8637	8862	8862
	ft/in	28'9"	29'6"	29'6"	28'5"	29'1"	29'1"
Overall Height with Bucket at Maximum Lift	mm	6038	6038	6038	5874	5874	5874
	ft/in	19'10"	19'10"	19'10"	19'4"	19'4"	19'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 804	14 981	14 981	14 750	14 922	14 922
	ft/in	48'7"	49'2"	49'2"	48'5"	49'0"	49'0"
Static Tipping Load, Straight (ISO)*	kg	16 131	15 947	16 277	16 598	16 417	16 773
	lb	35,553	35,148	35,875	36,582	36,185	36,968
Static Tipping Load, Straight (Rigid Tire)*	kg	17 364	17 176	17 523	17 794	17 610	17 983
	lb	38,271	37,857	38,622	39,219	38,814	39,634
Static Tipping Load, Articulated (ISO)*	kg	14 136	13 950	14 268	14 612	14 430	14 772
	lb	31,156	30,747	31,448	32,205	31,804	32,557
Static Tipping Load, Articulated (Rigid Tire)*	kg	15 344	15 156	15 489	15 782	15 598	15 954
	lb	33,819	33,405	34,138	34,784	34,379	35,164
Breakout Force** (§)	kN	164	163	174	180	179	192
	lb	37,007	36,644	39,144	40,629	40,261	43,189
Operating Weight*	kg	24 675	24 813	24 650	24 143	24 280	24 117
	lb	54,383	54,687	54,328	53,210	53,514	53,154

\* 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.

# 966K Wheel Loader

## Operating Specifications

Bucket Type		Rock – Pin On***			Coal – Pin On	Coal – Fusion QC	High Lift Change in Specs
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Bolt-On Edges	
Capacity – Rated (§)	m <sup>3</sup>	3.40	3.40	3.20	7.10	7.10	
	yd <sup>3</sup>	4.45	4.45	4.19	9.29	9.29	
Capacity – Struck (§)	m <sup>3</sup>	2.90	2.90	2.70	6.20	6.20	
	yd <sup>3</sup>	3.79	3.79	3.53	8.11	8.11	
Width (§)	mm	3252	3252	3252	3447	3447	
	ft/in	10'8"	10'8"	10'8"	11'3"	11'3"	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	3124	3026	3026	2625	2597	558
	ft/in	10'2"	9'11"	9'11"	8'7"	8'6"	1'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1454	1576	1576	1583	1630	
	ft/in	4'9"	5'2"	5'2"	5'2"	5'4"	
Reach at Level Lift Arm and Bucket Level (§)	mm	2818	2974	2974	3252	3305	404
	ft/in	9'2"	9'9"	9'9"	10'8"	10'10"	1'3"
Digging Depth (§)	mm	68	68	25	140	126	-25
	in	2.7"	2.7"	0.9"	5.5"	4.9"	-1"
Overall Length	mm	8656	8817	8817	9117	9160	788
	ft/in	28'5"	29'0"	29'0"	29'11"	30'1"	2'7"
Overall Height with Bucket at Maximum Lift	mm	5845	5845	5845	6071	6311	559
	ft/in	19'3"	19'3"	19'3"	19'11"	20'9"	1'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	14 813	14 901	14 901	15 214	15 232	481
	ft/in	48'8"	48'11"	48'11"	49'11"	50'0"	1'7"
Static Tipping Load, Straight (ISO)*	kg	17 057	16 988	17 358	15 930	15 134	170
	lb	37,594	37,441	38,257	35,111	33,357	376
Static Tipping Load, Straight (Rigid Tire)*	kg	18 293	18 222	18 604	17 192	16 375	115
	lb	40,318	40,162	41,003	37,891	36,091	254
Static Tipping Load, Articulated (ISO)*	kg	15 004	14 934	15 298	13 955	13 180	-11
	lb	33,068	32,914	33,717	30,757	29,048	-26
Static Tipping Load, Articulated (Rigid Tire)*	kg	16 213	16 142	16 515	15 189	14 399	-54
	lb	35,734	35,578	36,400	33,478	31,736	-120
Breakout Force** (§)	kN	186	185	193	129	124	-14
	lb	41,828	41,704	43,564	29,095	27,969	-3,167
Operating Weight*	kg	25 011	25 063	24 832	24 496	25 130	1726
	lb	55,125	55,239	54,730	53,989	55,387	3,803

\* 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.

# 966K Wheel Loader

## Bucket Selection Chart

Material Density		kg/m <sup>3</sup>	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	3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )											4.37 m <sup>3</sup> (5.72 yd <sup>3</sup> )								3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )	
		General Purpose	4.00 m <sup>3</sup> (5.23 yd <sup>3</sup> )											4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )								4.00 m <sup>3</sup> (5.23 yd <sup>3</sup> )	
		General Purpose	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )											4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )	
		General Purpose	4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )									5.29 m <sup>3</sup> (6.92 yd <sup>3</sup> )			4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )								
	Material Handling	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )											4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )		
	Rock	3.40 m <sup>3</sup> (4.45 yd <sup>3</sup> )											3.91 m <sup>3</sup> (5.11 yd <sup>3</sup> )								3.40 m <sup>3</sup> (4.45 yd <sup>3</sup> )		
	Coal	7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )	8.17 m <sup>3</sup> (10.69 yd <sup>3</sup> )																				7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )
	Fusion OC	General Purpose	3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )												4.37 m <sup>3</sup> (5.72 yd <sup>3</sup> )								3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )
		General Purpose	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )												4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )
		General Purpose	4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )											5.29 m <sup>3</sup> (6.92 yd <sup>3</sup> )								4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )	
Coal		7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )	8.17 m <sup>3</sup> (10.69 yd <sup>3</sup> )																				7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )
Material Density	lb/yd <sup>3</sup>	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.

# 966K Wheel Loader

## Bucket Selection Chart

Material Density		kg/m <sup>3</sup>	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	3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )											4.37 m <sup>3</sup> (5.72 yd <sup>3</sup> )								3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )	
		General Purpose	4.00 m <sup>3</sup> (5.23 yd <sup>3</sup> )											4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )								4.00 m <sup>3</sup> (5.23 yd <sup>3</sup> )	
		General Purpose	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )											4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )	
		General Purpose	4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )									5.29 m <sup>3</sup> (6.92 yd <sup>3</sup> )			4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )								
	Material Handling	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )											4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )		
	Rock	3.40 m <sup>3</sup> (4.45 yd <sup>3</sup> )											3.91 m <sup>3</sup> (5.11 yd <sup>3</sup> )								3.40 m <sup>3</sup> (4.45 yd <sup>3</sup> )		
	Coal	7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )	8.17 m <sup>3</sup> (10.69 yd <sup>3</sup> )																				7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )
	Fusion OC	General Purpose	3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )												4.37 m <sup>3</sup> (5.72 yd <sup>3</sup> )								3.80 m <sup>3</sup> (4.97 yd <sup>3</sup> )
		General Purpose	4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )												4.83 m <sup>3</sup> (6.32 yd <sup>3</sup> )								4.20 m <sup>3</sup> (5.49 yd <sup>3</sup> )
		General Purpose	4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )										5.29 m <sup>3</sup> (6.92 yd <sup>3</sup> )			4.60 m <sup>3</sup> (6.02 yd <sup>3</sup> )							
Coal		7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )	8.17 m <sup>3</sup> (10.69 yd <sup>3</sup> )																				7.10 m <sup>3</sup> (9.29 yd <sup>3</sup> )
Material Density	lb/yd <sup>3</sup>	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																							

All buckets are showing Bolt-On Edges.  
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# 966K 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