



Ring Power Corporation
500 World Commerce Parkway
St. Augustine, FL 32092

Prepared For:
Florida Sheriff's Association

8/11/2020

Item #138: (1) NEW CATERPILLAR 2CC4000 LIFT TRUCK

CONTRACT DETAILS

Florida Sheriff's Association
Bid # FSA20-EQU18.0
Item #138: Group: LIFT: Cushion Tire Lift - 4,000 LB Capacity
Contract Dates: October 1, 2020 through September 30, 2023

BID SPECIFICATION:

1. ENGINE: a. 50 hp LP gas engine 2. TRANSMISSION: a. Powershift type b. Inching pedal c. 1 speed forward, 1 speed reverse 3. HYDRAULIC SYSTEM: a. 19.0 gpm at 2250 psi 4. CHASSIS: a. Wheelbase - 46" b. Tread width - 33" (with standard tires) c. Ground clearance at lowest point - 3" Tire size: 1. Front - 18.0 x 7 x 12 cushion tire 2. Rear - 14.0 x 5 x 10 cushion tire d. e. Steering radius - 72" Brakes: 1. Hydraulic service brakes 2. Mechanical parking brake f. 5. LIFT: a. Two stage lift mast b. Lift height minimum - 130" c. Lift capacity - 4000 lbs. d. Fork spacing - 7" to 32" minimum e. Tilt - 5 degrees forward/10 degrees backward 6. MISCELLANEOUS: a. FOPS protection b. Work lights c. Seat belts

BASE MACHINE

2CC4000-LE	4,000 LB CAPACITY LP COMPACT LIFT TRUCK
5C20C33	131.0" MFH X 83" OAL X 34.5" FFH DUPLEX MAST
EPA	EPA COMPLIANT
UL	UL APPROVED
FKHP42-25I	1.6" X 3.9" X 42" HOOK TYPE PALLET FORKS
GK21-STD	GK21 2.1L 4 CYLINDER GAS & LPG ENGINE
1STM-STD	SINGLE SPEED POWERSHIFT TRANSMISSION
ISS32C15	32" WIDE ITA CLASS II INTEGRAL SIDESHIFTER
STLC-STD	STEER TIRES, CUSHION, LUGGED
DTLC-STD	DRIVE TIRES, CUSHION, LUGGED
LBR-STD	48" HIGH LOAD BACKREST
VLV3-STD	3 SECTION VALVE W/ COWL MOUNTED LEVERS
3VDUPC15I	SINGLE FUNCTION INTERNAL HOSEING - DUPLEX
TILT-STD	STANDARD TILT CYLINDERS
OHG-C3-STD	STANDARD OVERHEAD GUARD - 81" TO TOP

PLDS-STD	PREMIUM LCD/LED DISPLAY
EPSL-STD	ENGINE PROTECTION SYSTEM
SBIP-STD	SEPARATE BRAKE & INCHING PEDALS
GSPSPD-STD	GROUND SPEED CONTROL - STANDARD
FSMODL-STD	FUEL SAVER MODE
ACFFR-STD	ALUMINUM CORE CORRUGATED FIN RADIATOR
PDS-STD	PRESENCE DETECTION SYSTEM
HDCG-STD	HEAVY DUTY COUNTERWEIGHT GRILL
ALARM-STD	ELECTRONIC BACK-UP ALARM
WKLT-STD	2 FORWARD LED WORK LIGHTS W/ GUARDS MOUNTED OHG
STBULT-STD	REAR LED STOP/TAIL/BACKUP COMBO LIGHTS
SEAT-STD	COMFORT (NON SUSPENSION) VINYL SEAT
OSB-STD	ORANGE SEAT BELT
RFM-STD	RUBBER FLOOR MAT
LANGENG-STD	ENGLISH LANGUAGE MARKINGS
WAR-STD	STD WARRANTY - 12 MTHS/2000 HOURS FULL; 24 / 4000 PT

Ring Power Corporation



SUPERIOR RELIABILITY

**3,000 – 6,500 LB. CAPACITY
INTERNAL COMBUSTION
CUSHION TIRE LIFT TRUCK**



TRIED-AND-TRUE PERFORMANCE



A Truck You Can Depend On

The Cat® 3,000-6,500 lb. LP gas cushion tire series offers what businesses demand: fuel economy, reliable performance and greater operator control. Built for dependability, these forklifts can operate in a wide range of indoor applications to move goods, stage pallets or transfer loads.

KEY INDUSTRIES:

- General Warehousing
- Building Materials
- Fabricated Metal
- Primary Metal
- Lumber And Wood
- Stone, Clay And Glass
- Industrial Equipment
- Chemicals And Allied Products



EXCELLENT HORSEPOWER AND TORQUE

The GK21 (53 hp / 2C3000-2CC4000) and GK25 (61 hp / 2C4000-2C6500) engines – both proven performers – are well known for reliability when working in demanding applications. Both engines deliver high performance with excellent fuel efficiency and meet all CARB and EPA emissions regulations.



FRONT TO BACK DURABILITY

A Truck With Solid Dependability

Constructed with a heavy-duty mast that features narrow channels and six load rollers, this forklift takes durability to the next level.

SURROUNDED BY STRENGTH

Load Rollers

- Added strength via six load rollers used to support the forward and backward loading of the carriage
- Greater contact, increased stability and extended life of the mast through the use of specially-shaped mast channels and large mast rollers



Inching Pedal

- Simultaneously applies and disengages the brake
- Provides slow, controlled acceleration and precise maneuvering in tight locations



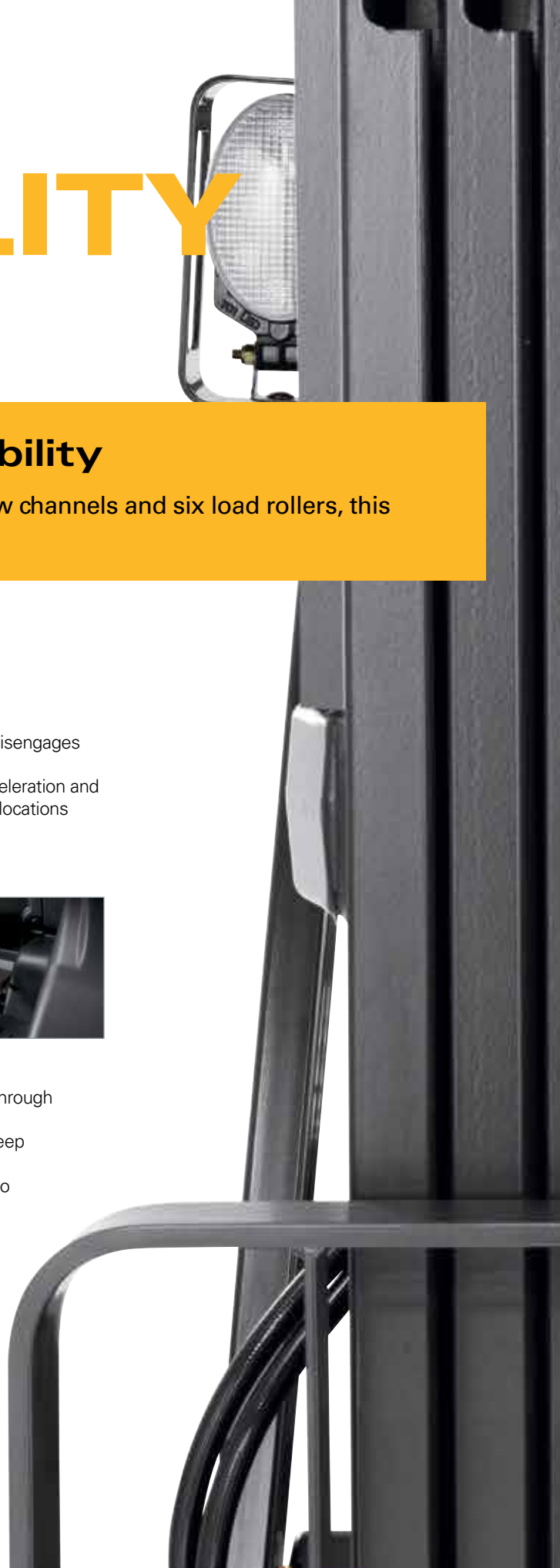
Drive Axle

- One-piece, single-cast drive axle
- Reduces potential leak points, absorbs the shock from the wheels and reduces stress on the chassis



Mast Channels

- Enhanced operator visibility through narrow flanges
- Added mast strength from deep web design
- Increased load capacity due to larger rollers canted three degrees with full-face contact





GIVING YOU TOTAL CONTROL

Performance tailored to your operation



Performance

Fuel Saver Mode

Controlled by a toggle switch on the dash, this feature helps reduce overall fuel consumption and the risk of premature tire wear. The result: up to 14% more fuel efficiency without affecting the top speed of the truck.*

Adjustable Speed Control

Limits top speed in applications that require improved security of loads, congested areas or where pedestrian traffic may be prevalent.



Service

Engine Protection System

Provides greater uptime and lower repair costs by notifying your operator when vital fluids are low or engine maintenance is required.

Maintenance Tools

With up to 500-hour service intervals, on-board diagnostics, display-based indicators and easy access to service components, you can count on maximizing uptime and lowering maintenance costs.

*Fuel efficiency increase shown against previous model in preliminary testing. Levels may vary based on application.



Maneuverability

Hydrostatic Steering – This feature provides precise movement with less effort. The hydrostatic steering is coupled with a tilt steering column and memory function.



Hydraulic Levers – These are ergonomically-designed to fit the operator's hand and posture, while providing the accuracy needed for precise maneuvering.



Optional Fingertip Controls – These controls are mounted to the armrest and allow the operator to easily manipulate the hydraulic system from a comfortable position.





Local service and support



Genuine OEM parts



Custom financing packages

MORE CONFIDENCE





Factory warranty for added protection



Local Support You Can Count On

A Cat lift truck purchase connects you to a variety of material handling solutions, including world-class service and support from your local, trusted dealer. With trained service technicians, a diverse parts inventory and a broad selection of service options, your local dealer can help you lower costs, enhance productivity and more efficiently manage your business.

FINANCING MADE SIMPLE

Financing your next Cat lift truck is easy with our wide range of flexible leasing and purchasing options. Whether you want to finance or lease, your local Cat lift truck dealer can help customize a package for your business.

WHEN EVERY PART COUNTS

When buying from your local Cat lift truck dealer, you can rest assured that your genuine OEM parts are manufactured to meet original equipment criteria. Additionally, all Cat lift trucks OEM parts come with a six-month, unlimited-hours warranty.

When speed is critical, our Parts Fast Or Parts Free Guarantee* ensures next-business-day delivery of all Cat lift trucks parts, or they're free, including freight. If your part doesn't come in by the next business day, we pay for it.

STANDING BEHIND OUR PRODUCTS

We deliver peace of mind by helping your lift trucks stay on the job. Every new Cat lift truck is covered by a 1-year / 2,000-hours warranty that includes parts and labor, as well as components and systems. With our standard 2-year / 4,000-hours extended powertrain warranty, you'll have the confidence that only comes from owning a Cat lift truck.

* At dealer's location.

† Programs may be subject to change without notice and may vary by region.

Please ask your local Cat lift truck dealer for complete terms and conditions.

Specifications

Characteristics			2C3000		2C3500	
1	Capacity – at rated load center	lb kg	3,000	1,500	3,500	1,750
2	Capacity – at load center-distance	in mm	24	500	24	500
3	Power		LP Gas		LP Gas	
4	Tire type – cushion or pneumatic		Cushion		Cushion	
5	Wheels (x = driven) – number front / rear		2x / 2		2x / 2	
Dimensions			2C3000		2C3500	
11	Lift with standard two-stage mast – maximum fork height (top of forks)	in mm	131.0	3,325	131.0	3,325
12	Lift with standard two-stage mast – free fork height	in mm	4.5	115	4.5	115
13	Forks – length x width x thickness	in mm	42 x 3.9 x 1.4	1,070 x 100 x 35	42 x 3.9 x 1.4	1,070 x 100 x 35
	Fork spacing – out-to-out minimum / maximum	in mm	7.9 / 32.3	200 / 820	7.9 / 32.3	200 / 820
14	Tilt – forward / backward	deg	5° / 10°		5° / 10°	
15	Length to fork face	in mm	81.9	2,080	83.3	2,115
16	Width – with standard tires	in mm	38.2	970	38.2	970
	Width – with standard tires, wide-stance	in mm	39.3	997	39.3	997
	Width – with standard tires, wide-axle	in mm	N/A		N/A	
17	Height – mast lowered	in mm	83.0	2,105	83.0	2,105
18	Height – seat height	in mm	43.1	1,096	43.1	1,096
19	Height – top of overhead guard	in mm	80.9	2,055	80.9	2,055
20	Height – mast extended	in mm	179.5	4,550	179.5	4,550
21	Minimum outside turning radius	in mm	69.9	1,775	71.3	1,810
22	Load moment constant	in mm	15.3	388	15.3	388
23	Minimum aisle - 90° stack - zero clearance w/out load ¹	in mm	85.2	2,163	86.5	2,198
Performance			2C3000		2C3500	
40	Travel speed loaded / empty	mph km/h	9.6 / 10.3	15.5 / 16.5	9.6 / 10.3	15.5 / 16.5
41	Lift speed loaded / empty	fpm mm/s	122 / 124	620 / 630	122 / 124	620 / 630
42	Lowering speed loaded / empty	fpm mm/s	98.4 / 98.4	500 / 500	98.4 / 98.4	500 / 500
43	Drawbar pull – loaded at 1 mph (1.6 kph)	lb N	3,750	16,700	3,750	16,700
	Drawbar pull – loaded maximum	lb N	4,270	19,000	4,270	19,000
44	Gradeability – loaded at 1 mph (1.6 kph)	%	45		40	
	Gradeability – maximum loaded	%	53		47	
Weight			2C3000		2C3500	
50	Empty	lb kg	6,040	2,740	6,420	2,910
51	Axle load – without load front / rear	lb kg	2,350 / 3,720	1,070 / 1,690	2,230 / 4,230	1,010 / 1,920
	Axle load – with load front	lb kg	7,870	3,570	8,670	3,930
Chassis			2C3000		2C3500	
60	Tire size – front, standard	in	18 x 6 x 12.125		18 x 6 x 12.125	
61	Tire size – rear	in	14 x 5 x 10		14 x 5 x 10	
62	Wheelbase	in mm	46.9	1,190	46.9	1,190
63	Tread width – front, standard tires	in mm	32.2	818	32.2	818
	Tread width – front, wide-stance tires	in mm	33.3	845	33.3	845
64	Tread width – rear, standard tires	in mm	32.3	820	32.3	820
65	Ground clearance – at lowest point of mast	in mm	3.0	75	3.0	75
66	Ground clearance – at center of wheelbase	in mm	4.6	116	4.6	116
67	Service brakes	type	Foot, Hydraulic		Foot, Hydraulic	
68	Parking brakes	type	Hand, Mechanical		Hand, Mechanical	
Powertrain			2C3000		2C3500	
80	Engine model		GK21E		GK21E	
81	Continuous output (S.A.E. gross)	HP kW	50	37.4	50	37.4
		at rpm	2,400		2,400	
82	Maximum torque (S.A.E. gross)	lb-ft Nm	111	151	111	151
		at rpm	2,000		2,000	
83	Cylinder / displacement	cu in L	4 / 126	4 / 2.1	4 / 126	4 / 2.1
84	Transmission type		Powershift		Powershift	
85	Number of speeds forward / reverse		1 / 1		1 / 1	
	Battery	volts	12		12	
Hydraulics			2C3000		2C3500	
86	Relief pressure – For attachments at auxiliary valve	psi bar	2,630	181	2,630	181
88	Hydraulic flow – For attachments at auxiliary valve	gpm L/min	19.0	72.0	19.0	72.0

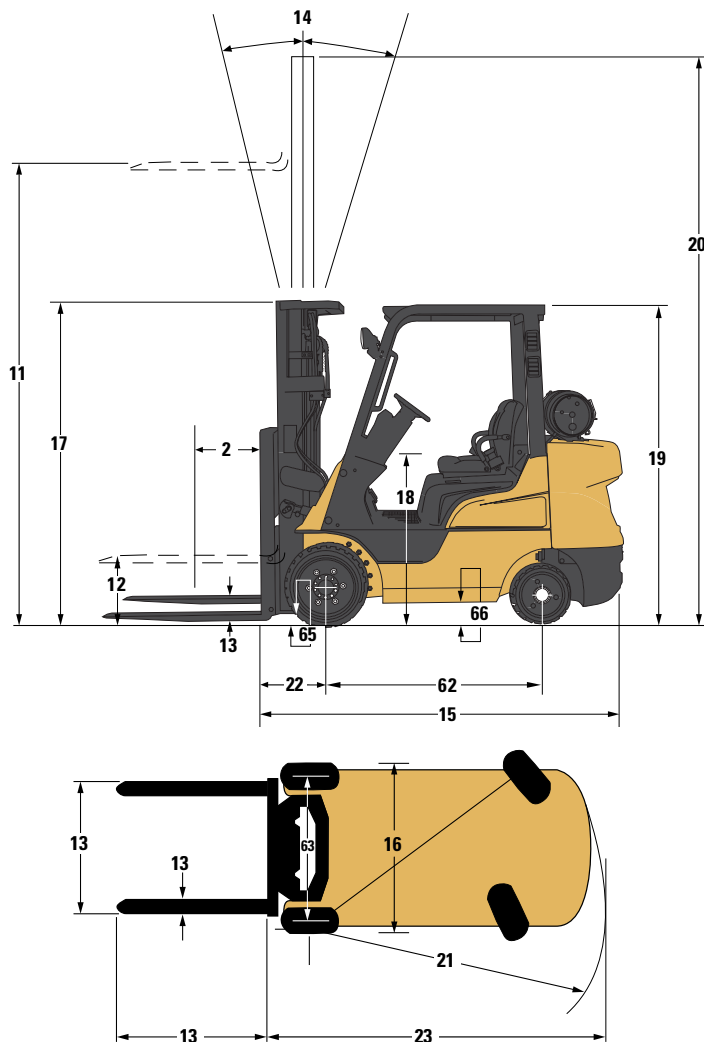
2CC4000					2C4000					2C5000				
1	lb	kg	4,000	2,000		4,000	2,000			5,000	2,500			
2	in	mm	24	500		24	500			24	500			
3	LP Gas					LP Gas					LP Gas			
4	Cushion					Cushion					Cushion			
5	2x / 2					2x / 2					2x / 2			
2CC4000					2C4000					2C5000				
11	in	mm	131	3,330		131.5	3,340			131.5	3,340			
12	in	mm	4.7	120		5.1	130			5.1	130			
13	in	mm	42 x 3.9 x 1.6	1,070 x 100 x 40		42 x 3.9 x 1.6	1,070 x 100 x 40			42 x 3.9 x 1.6	1,070 x 100 x 40			
	in	mm	7.9 / 32.3	200 / 820		7.9 / 36.2	200 / 920			7.9 / 36.2	200 / 920			
14	deg	5° / 10°				5° / 9°				5° / 9°				
15	in	mm	85.6	2,175		90.2	2,290			92.5	2,350			
16	in	mm	40.2	1,021		41.9	1,064			41.9	1,064			
	in	mm	N/A			44.4	1,128			44.4	1,128			
	in	mm	N/A			N/A				N/A				
17	in	mm	83.5	2,105		83.0	2,110			83.0	2,110			
18	in	mm	43.1	1,096		43.3	1,100			43.3	1,100			
19	in	mm	80.9	2,055		81.5	2,070			81.5	2,070			
20	in	mm	179.5	4,550		180	4,570			180	4,570			
21	in	mm	72.8	1,850		77.4	1,965			79.5	2,020			
22	in	mm	15.9	404		16.3	414			16.3	414			
23	in	mm	88.7	2,254		93.7	2,379			95.8	2,434			
2CC4000					2C4000					2C5000				
40	mph	km/h	9.6 / 10.3	15.5 / 16.5		10.9 / 11.2	175 / 18.0			10.9 / 11.2	175 / 18.0			
41	fpm	mm/s	122 / 124	620 / 630		126 / 130	640 / 660			126 / 130	640 / 660			
42	fpm	mm/s	98.4 / 98.4	500 / 500		98.4 / 98.4	500 / 500			98.4 / 98.4	500 / 500			
43	lb	N	3,660	16,300		4,650	20,700			4,610	20,500			
	lb	N	4,160	18,500		5,190	23,100			5,170	23,000			
44	%	36.0				45				37				
	%	42.0				51				43				
2CC4000					2C4000					2C5000				
50	lb	kg	6,980	3,170		7,310	3,320			8,110	3,680			
51	lb	kg	2,040 / 4,890	930 / 2,220		3,050 / 4,290	1,380 / 1,950			2,800 / 5,340	1,270 / 2,420			
	lb	kg	9,440	4,280		9,990	4,530			11,470	5,200			
2CC4000					2C4000					2C5000				
60	in	18 x 7 x 12.125				21 x 7 x 15				21 x 7 x 15				
61	in	14 x 5 x 10				16 x 6 x 10.5				16 x 6 x 10.5				
62	in	mm	46.9	1,190		55.1	1,400			55.1	1,400			
63	in	mm	33.2	843		34.9	886			34.9	886			
	in	mm	N/A			37.4	950			37.4	950			
64	in	mm	32.3	820		35	890			35	890			
65	in	mm	3.0	75		3.1	80			3.1	80			
66	in	mm	4.6	116		5.5	139			5.5	139			
67	type	Foot, Hydraulic				Foot, Hydraulic				Foot, Hydraulic				
68	type	Hand, Mechanical				Hand, Mechanical				Hand, Mechanical				
2CC4000					2C4000					2C5000				
80			GK21E			GK25E				GK25E				
81	HP	kW	50	374		63	46.9			63	46.9			
	at rpm	2,400				2,700				2,700				
82	lb-ft	Nm	111	151		139	188			139	188			
	at rpm	2,000				1,600				1,600				
83	cu in	L	4 / 126	4 / 2.1		4 / 152	4 / 2.5			4 / 152	4 / 2.5			
84	Powershift					Powershift					Powershift			
85	1 / 1					1 / 1					1 / 1			
	volts	12				12				12				
2CC4000					2C4000					2C5000				
86	psi	bar	2,630	181		2,630	181			2,630	181			
88	gpm	L/min	19.0	72.0		23.5	89.1			23.5	89.1			

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Caterpillar Forklift America Inc. (MCFA). (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

Characteristics			2C5500		2C6000	
1	Capacity – at rated load center	lb kg	5,500	2,800	6,000	3,000
2	Capacity – at load center-distance	in mm	24	500	24	500
3	Power		LP Gas		LP Gas	
4	Tire type – cushion or pneumatic		Cushion		Cushion	
5	Wheels (x = driven) – number front / rear		2x / 2		2x / 2	
Dimensions			2C5500		2C6000	
11	Lift with standard two-stage mast – maximum fork height (top of forks)	in mm	130.5	3,315	130.5	3,315
12	Lift with standard two-stage mast – free fork height	in mm	5.3	135	5.3	135
13	Forks – length x width x thickness	in mm	42 x 4.9 x 1.8	1,070 x 125 x 45	42 x 4.9 x 1.8	1,070 x 125 x 45
	Fork spacing – out-to-out minimum / maximum	in mm	7.9 / 37.8	200 / 960	7.9 / 37.8	200 / 960
14	Tilt – forward / backward	deg	5° / 6°		5° / 6°	
15	Length to fork face	in mm	95.1	2,415	96.5	2,450
16	Width – with standard tires	in mm	43.9	1,115	43.9	1,115
	Width – with standard tires, wide-stance	in mm	45.5	1,155	45.5	1,155
	Width – with standard tires, wide-axle	in mm	N/A		N/A	
17	Height – mast lowered	in mm	83.0	2,110	83.0	2,110
18	Height – seat height	in mm	43.3	1,100	43.3	1,100
19	Height – top of overhead guard	in mm	81.5	2,070	81.5	2,070
20	Height – mast extended	in mm	179	4,540	179	4,540
21	Minimum outside turning radius	in mm	81.3	2,065	82.5	2,095
22	Load moment constant	in mm	172	436	172	436
23	Minimum aisle - 90° stack - zero clearance w/out load ¹	in mm	98.5	2,501	99.6	2,531
Performance			2C5500		2C6000	
40	Travel speed loaded / empty	mph km/h	10.3 / 10.6	16.5 / 170	10.3 / 10.6	16.5 / 170
41	Lift speed loaded / empty	fpm mm/s	104 / 106	530 / 540	104 / 106	530 / 540
42	Lowering speed loaded / empty	fpm mm/s	98.4 / 98.4	500 / 500	98.4 / 98.4	500 / 500
43	Drawbar pull – loaded at 1 mph (1.6 kph)	lb N	4,860	21,600	4,830	21,500
	Drawbar pull – loaded maximum	lb N	5,510	24,500	5,490	24,400
44	Gradeability – loaded at 1 mph (1.6 kph)	%	36		33	
	Gradeability – maximum loaded	%	41		38	
Weight			2C5500		2C6000	
50	Empty	lb kg	9,010	4,090	9,440	4,280
51	Axle load – without load front / rear	lb kg	3,010 / 5,990	1,370 / 2,720	2,820 / 6,580	1,280 / 2,980
	Axle load – with load front	lb kg	12,640	5,730	13,320	6,040
Chassis			2C5500		2C6000	
60	Tire size – front, standard	in	21 x 8 x 15		21 x 8 x 15	
61	Tire size – rear	in	16 x 6 x 10.5		16 x 6 x 10.5	
62	Wheelbase	in mm	55.1	1,400	55.1	1,400
63	Tread width – front, standard tires	in mm	35.9	912	35.9	912
	Tread width – front, wide-stance tires	in mm	37.5	952	37.5	952
64	Tread width – rear, standard tires	in mm	35	890	35	890
65	Ground clearance – at lowest point of mast	in mm	3.1	80	3.1	80
66	Ground clearance – at center of wheelbase	in mm	5.5	139	5.5	139
67	Service brakes	type	Foot, Hydraulic		Foot, Hydraulic	
68	Parking brakes	type	Hand, Mechanical		Hand, Mechanical	
Powertrain			2C5500		2C6000	
80	Engine model		GK25E		GK25E	
81	Continuous output (S.A.E. gross)	HP kW	63	46.9	63	46.9
		at rpm	2,700		2,700	
82	Maximum torque (S.A.E. gross)	lb-ft Nm	139	188	139	188
		at rpm	1,600		1,600	
83	Cylinder / displacement	cu in L	4 / 152	4 / 2.5	4 / 152	4 / 2.5
84	Transmission type		Powershift		Powershift	
85	Number of speeds forward / reverse		1 / 1		1 / 1	
	Battery	volts	12		12	
Hydraulics			2C5500		2C6000	
86	Relief pressure – For attachments at auxiliary valve	psi bar	2,630	181	2,630	181
88	Hydraulic flow – For attachments at auxiliary valve	gpm L/min	23.5	89.1	23.5	89.1

Call-out numbers shown in the diagram correspond to the first column of the specifications chart.

2C6500				
1	lb	kg	6,500	3,300
2	in	mm	24	500
3			LP Gas	
4			Cushion	
5			2x / 2	
2C6500				
11	in	mm	131.0	3,345
12	in	mm	5.5	140
13	in	mm	42 x 4.9 x 1.8	1,070 x 125 x 45
	in	mm	7.9 / 37.8	200 / 960
14	deg		5° / 6°	
15	in	mm	97.6	2,480
16	in	mm	43.9	1,115
	in	mm	45.5	1,155
	in	mm	N/A	
17	in	mm	88.0	2,230
18	in	mm	43.3	1,100
19	in	mm	81.5	2,070
20	in	mm	181	4,570
21	in	mm	83.7	2,125
22	in	mm	17.4	441
23	in	mm	101	2,566
2C6500				
40	mph	km/h	10.3 / 10.6	16.5 / 17.0
41	fpm	mm/s	104 / 106	530 / 540
42	fpm	mm/s	98.4 / 98.4	500 / 500
43	lb	N	4,830	21,500
	lb	N	5,460	24,300
44	%		31	
	%		35	
2C6500				
50	lb	kg	9,880	4480
51	lb	kg	2,680 / 7,200	1,220 / 3,260
	lb	kg	14,010	6,350
2C6500				
60	in		21 x 8 x 15	
61	in		16 x 6 x 10.5	
62	in	mm	55.1	1,400
63	in	mm	35.9	912
	in	mm	37.5	952
64	in	mm	35	890
65	in	mm	3.1	80
66	in	mm	5.5	139
67	type		Foot, Hydraulic	
68	type		Hand, Mechanical	
2C6500				
80			GK25E	
81	HP	kW	63	46.9
	at rpm		2,700	
82	lb-ft	Nm	139	188
	at rpm		1,600	
83	cu in	L	4 / 152	4 / 2.5
84			Powershift	
85			1 / 1	
	volts		12	
2C6500				
86	psi	bar	2,630	181
88	gpm	L/min	23.5	89.1



Safety Standards

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1.

UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Availability: Types G, LP and D standard. Types GS, LPS and DS optional. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation, and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks — type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Contact your Cat lift truck dealer for further information, including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements. Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

¹⁴ 2C3000-2C65000 OPTIONS

A Custom Fit

OPTIONS FOR PRODUCTIVITY, COMFORT AND MORE:



Application Packages

Cotton / Fiber Protection Package

This protection package provides a high-speed fan and radiator screen to keep the system clean from dust and debris.

Foundry / Brick Protection Package

Ideal for demanding applications like block and brick fabrication:

- Dust-proof front axle
- Hydraulic tank breathers
- Elevated air intake / pre-cleaner

- Transmission oil filter
- Dual element air filter
- Tilt cylinder boots
- Dashboard indicators



Ergonomics

Swivel Seat

This option, which makes entering and exiting the truck easier, is great for short shuttles.



Rear Grab Bar With Horn Button

This option is ideal for short shuttle applications and those with a significant amount of reverse travel.



Light And Strobe Packages

For darker environments or for applications with higher traffic, these optional light packages help improve operator visibility and visibility of the forklift.

Contact your local dealer to learn more about the different options available for this series.



Your Cat lift truck dealer can provide additional options and features to specialize your lift truck for your unique application. Operator training and custom financing programs are also available to help find the right fit for your business.

Helping move businesses forward – that's how we're built.

1-800-CAT-LIFT | www.mcfa.com/cat

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Some products may be shown with optional equipment.

CECT0201

04/18





Full Coverage 12 MONTHS / 2000 HOURS
Powertrain 24 MONTHS / 4000 HOURS

CAT® LIFT TRUCKS STANDARD WARRANTY

WARRANTY COVERAGE

Mitsubishi Caterpillar Forklift America Inc. ("MCFA") warrants that each new Cat® lift truck manufactured and/or distributed by MCFA shall be free, under normal use and with proper maintenance and storage, from defects in material or workmanship during the applicable Warranty Period as set forth below, and if a defect in material or workmanship is identified during the applicable Warranty Period, MCFA will, during normal working hours and through a place of business of an MCFA Cat lift truck dealer or other MCFA authorized source:

- Provide (in MCFA's sole discretion) new, remanufactured or MCFA-approved repaired parts or assembled components needed to correct the defect. NOTE: Parts or components replaced under this Warranty become the property of MCFA.
- Replace lubricating oil, filters, antifreeze and other service items made unusable by the defect.
- Provide labor needed to correct the defect. This will include adjustments to meet factory specifications (i.e. hardware) up to 200 service meter hours for items not identified in the Operation and Maintenance Manual.

MCFA is not responsible for losses, claims, defects, or costs associated with:

- Lift trucks or parts subjected to misuse, abuse, accident, neglect and/or improper handling, repair, storage, installation, operation, overloading and maintenance.
- Repairs conducted by any third party who is not an MCFA authorized repair facility.
- Unauthorized repairs, alterations, or modifications of a lift truck or part, including the use of unauthorized replacement parts and the alteration/adjustment of a lift truck to suit an operator or application needs.
- Parts requiring replacement or repair because of normal wear and tear.
- Lift trucks or parts designed, modified, or adjusted according to the specific application needs of a customer.
- Customer's or dealer's failure to implement any repair, update, upgrade, or modification to the Cat lift trucks or products as recommended by MCFA.
- Any parts, components, or accessories installed on a Cat lift truck which were not manufactured, recommended or installed by MCFA including, without limitation, forks, attachments, masts, tires and batteries. Claims with respect to such items, if any, shall be made solely to the respective manufacturer.
- Customer's unreasonable delay in making the Cat lift truck available to an MCFA lift truck dealer after being notified of a potential product problem.
- Any use or installation which MCFA determines is improper.

WARRANTY PERIOD

The term "Warranty Period" means the period beginning on the date the Cat lift truck is delivered to the original customer or twenty-four (24) months from the date the lift truck is shipped from MCFA, whichever is earlier, and shall last:

- Twelve (12) months or two-thousand (2000) operating hours (whichever occurs first) for all components not listed in A-D below; and
- Twenty-four (24) months or four-thousand (4000) operating hours (whichever occurs first) for components related to the lift truck powertrain, including:
 - A. Engine/Motors – The engine including the cylinder block, cylinder head, rocker assembly, and all internal moving parts fully enclosed within these units. The drive motor including the bearing cases, bearings and armature.
 - B. Transmission – The transmission including control valve, torque converter, clutch housing, internal gears and shafts.
 - C. Drive Axle – The final drive axle including the axle housing, differential carrier, reduction drive, axle shafts, and front wheel hubs.
 - D. Electric Drive Control System. The drive control logic card, control panel assembly, and vehicle manager.

Notwithstanding the foregoing, parts replaced under this Warranty are warranted only for the remainder of the Warranty Period of the Cat lift truck.

MCFA reserves the right to make any changes in design and improvement without incurring any obligation to incorporate such improvements in any product already shipped from its factory premises or which is in the possession of the customer.

CUSTOMER RESPONSIBILITIES

The customer is responsible for:

- Compliance with all applicable laws, including, but not limited to, such laws, rules and regulations promulgated by OSHA and its related and/or successor organizations.
- Promptly returning to MCFA the signed, dated and completed Delivery Report and/or Transfer of Ownership Report in order to confirm delivery date and/or lift truck location.
- Giving timely prior written notice of the transfer of ownership of the Cat lift truck covered by this Warranty. Any transfers of the Cat lift truck covered by this Warranty will be covered only for the remainder of the Warranty Period, if any.
- All transportation expenses, if any, related to a claim under this Warranty.
- Labor expenses, except as stated under "Warranty Coverage".
- Federal, state and local taxes, if applicable.
- Parts and/or components shipping charges in excess of those which are usual and customary.
- Expenses related to investigating complaints, unless the problem is caused by a defect in MCFA material or workmanship.
- Proper operation and proper and timely maintenance and periodic inspections of the Cat lift truck as indicated in the Operation and Maintenance Manual furnished with each Cat lift truck.
- The cost of routine or required maintenance and service.
- Keeping documented evidence of when and by whom maintenance and service are performed.
- Giving timely notice of defect covered by this Warranty and promptly making the Cat lift truck available for repair.
- All adjustments beyond 200 service meter hours not identified in the Operation and Maintenance Manual.
- All claims for coverage under this Warranty must be filed with MCFA no later than thirty (30) days after the expiration of the Warranty Period.
- IMMEDIATELY REMOVING FROM SERVICE ALL LIFT TRUCKS WITH KNOWN FAILED OR DEFECTIVE PARTS.

WARRANTY LIMITATIONS/DISCLAIMERS

THE FOREGOING SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY OF ANY CUSTOMER OF A CAT LIFT TRUCK MANUFACTURED AND/OR DISTRIBUTED BY MCFA AND THE SOLE AND EXCLUSIVE RESPONSIBILITY OF MCFA AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO A CAT LIFT TRUCK. MCFA NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR RESPONSIBILITY IN CONNECTION WITH THIS CAT LIFT TRUCK WARRANTY. IN NO EVENT SHALL MCFA BE RESPONSIBLE FOR DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS), OR FOR ANY DELAY OR ANY ECONOMIC OR COMMERCIAL LOSS RESULTING FROM MCFA'S PERFORMANCE OR NON-PERFORMANCE UNDER THIS WARRANTY. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL WARRANTIES, OBLIGATIONS OR RESPONSIBILITIES OF CAT LIFT TRUCK DEALERS, EXPRESS, IMPLIED OR STATUTORY.

WARRANTY COVERAGE IS NOT EXTENDED TO REPAIRS OR PARTS AND SERVICES REQUIRED AS A RESULT OF NORMAL OR ACCELERATED WEAR AND TEAR (e.g., BRAKE SHOES/PADS, BELTS, HOSES/CABLE ASSEMBLIES, SEALS, O-RINGS AND PACKINGS, TIRES, LIGHT BULBS, BATTERY CONNECTORS) AND PERIODIC MAINTENANCE WHICH IS PERFORMED IN ACCORDANCE WITH PUBLISHED SCHEDULES (e.g., TUNE-UP PARTS, FILTERS, SPARK PLUGS, ELECTRIC MOTOR BRUSHES, CONTACTOR TIPS, FUSES, LOAD WHEELS).

FAILURE TO COMPLETE AND RETURN THE DELIVERY REPORT OR A TRANSFER OF OWNERSHIP REPORT MAY AFFECT CLAIMS UNDER THIS WARRANTY.

Distributed by: **MITSUBISHI CATERPILLAR FORKLIFT AMERICA INC.**
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