

Cushion Tire Lift Trucks LPG

C 15 C
C 18 C
C 20 sC

3,000 lbs 1500 kg 3,500 lbs 1800 kg 4,000 lbs 2000 kg

C15/18/20sC







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Upright Table

Maxin	num	Overall	Height ¹	Free	Lift³	Standard ²
Fork	Height	Lower	ed	w/o I	_BR	Tilt Spec
in	mm	in	mm	in	mm	B°/F°
C15/1 Stand	8/20sC ard	;	1000	4.0	110	0.40
89	2265	67	1693	4.3	110	8/8
100	2545	72	1833	4.3	110	8/8
110	2795	77	1958	4.3	110	8/8
121	3085	83	2103	4.3	110	8/8
•129	3285	87	2203	4.3	110	8/8
160 172	4070 4365	94 104 112	2653 2853	4.3 4.3 4.3	110 110 110	6/6 5/6 5/6
183	4655	120	3048	4.3	110	5/6
203	5145	133	3378	4.3	110	4/3
Tiple Stage						
156	3970	72	1833	49	1201	5/6
171	4345	77	1958	54	1326	5/6
204 213	4780 5185 5400	89 92	2253 2343	59 65 69	1621 1711	5/6 4/3 4/3
219	5565	95	2413	72	1781	4/3
225	5720	98	2478	74	1846	4/3
257 255 279	6470 7075	110 120	2793 3048	79 87 97	2161 2416	4/3 2/0 2/0
C15/1	8/20sC	;				
115	2925	77	1955	54	1323	8/8
•127	3215	83	2115	60	1483	8/8
138	3515	89	2255	65	1623	8/8
145	3695	95	2405	71	1773	8/8
150	3810	98	2480	74	1848	8/8

Indicates preferred common specification.

For overall height raised with load backrest, add 48 in. (1220 mm) to maximum fork height.

Standard tilt shown. Contact Clark representative for information on optional tilt. Freelift dimensions shown are without load backrest.

Other uprights available, contact a Clark representative.

Available Equipment

- ٠ Wide Drive Tires
- Auxiliary valves
- Hose adaptations Sideshifters
- Hydraulic control options
- Combination stop/tail/backup lights .
- ٠ Rear work light
- Turn signal lights .
- Strobe lights • Backup alarm
- Mirrors
- •
- **Convenience console** Suspension seat, vinyl and cloth

- Reduced height overhead guard U.L. Type LPS construction Swing-Down LPG Tank Bracket
- Seat actuated engine shutdown
- Pre-cleaner overhead guard mounted .
- Air cleaner safety element
- **Travel Speed Limit**
- Bottler's tilt
- **Tire Options** •

Notes

Production engines and driveline components may vary in output and/or efficiency by ±5%. The performance shown represents nominal values which may be obtained under typical operating conditions of a machine.

Clark products and specifications are subject to change without notice.

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ASME and Insurance Classification

Standard truck meets all applicable mandatory requirements of ASME-B56.1 Safety Standard for Powered Industrial Trucks and Underwriters Laboratories requirements as to fire hazard only for LP and LPS classifications. For further information contact a Clark representative.

For Your Safety

Before operating a lift truck, an operator must:

- Be trained and authorized
- Read and understand the operator's manual
- Not operate a faulty lift truck
- Not repair a lift truck unless trained and • authorized
- Have the overhead guard and load • backrest extension in place

During operation, a lift truck operator must:

- Wear a seat belt
- Keep entire body inside truck operator compartment
- Never carry passengers or lift people
- Keep truck away from people and obstructions
- Travel with lift mechanism as low as possible and tilted back

To park a lift truck, an operator must:

- Completely lower forks or attachments •
- Shift into neutral
- Turn key off
- Set parking brake •

Contact your Clark dealer for operator training information.

	1	Manufacturer		Clark
	2	Model	Manufacturer's Designation	C15CL
달			in(mm)	STD 129 (3285) I TSU 188 (4780)
l ũ	2	Load Canacity	lhs(ka)	3000 (1500)
lē	4	Load Center	Fork Face to Load CG in(mm)	24 (500)
		Drive Unit		
era		Operator Type	Туре	Lru Didar Seated
l e	0			Niuei-Sealeu
	-	Tire Type		Cusnion
	8	Wheels (X=Driven)	Front/Rear	28/2
nsions	9	Upright	Maximum Fork Height, Full Capacity in(mm)	188 (4780)
	10		Lift Height (Preferred Upright) in(mm)	129 (3285) ı 188 (4780)
	11		Free Lift, Empty in(mm)	4.3 (110) ı 57.9 (1471)
	12	Upright Tilt	Back/Forward deg	8/8 I 5/6
	14	Forks	Std. Fork Size (T X W X L) in(mm)	1.5x4x42 (40x100x1070)
	15	Overall Dimensions	Length to Fork Face in(mm)	80.0 (2033) I 80.2 (2036)
<u> </u>	16		Width over Drive Axle in(mm)	37.0 (940)
	17		Height, Upright Lowered in(mm)	86.7 (2203) 1 82.8 (2103)
asid			Height, Upright Extended (w/LBR) in(mm)	169.5 (4305) I 236.2 (6000)
8	18		Height, Overhead Guard	81.1 (2060)
	19	Turning Badius	Outside in(mm)	70.5 (1792)
	20	Load Center Distance	Center of Drive Ayle to Fork Face in(mm)	14 7 (375) + 14 9 (378)
	20	Pight Angle Stack Aicle	Add Load Length and Clearance in(mm)	85.2 (2167) + 85.4 (2170)
\vdash	22	Reability	Add Load Length and Clearance In(IIIII)	00.2 (2107) 1 00.4 (2170)
	23	Stability	According to ASIVIE/DIN	10.5 (10.0)
	24	Speeas	Travel Speed, Max W/Load mpn(km/n)	10.5 (16.9)
	25		Travel Speed, Max w/o Load mph(km/h)	10.6 (17)
9		Speed on grade, loaded	5% Loaded mph(km/h)	10.0 (16.1)
lan			10% Loaded mph(km/h)	9.2 (14.8)
			15% Loaded mph(km/h)	4.7 (7.6)
erfe	26	Lift Speeds, Loaded/Empty	fpm(m/sec)	112/120 (0.57/0.61) I 106/114 (0.54/0.58)
4	29	Lower Speeds, Loaded/Empty	fpm(m/sec)	88/82 (0.45/0.42) I 84/79 (0.43/0.40)
	30	Drawbar Pull, Maximum	With Load Ibs(N)	3913 (17407)
	31		Without Load Ibs(N)	1807 (8041)
	32	Gradeability	Maximum With/Without Load %	46.0/26.7
	34	Service Weight	lbs(kg)	6056 (2746) ı 6424 (2913)
ţ	35	Axle Loading	With Load, Front Ibs(kg)	7985 (3740) ı 8438 (3847)
igh	36		With Load, Rear Ibs(kg)	1071 (507) I 986 (463)
Š	37		W/O Load, Front Ibs(kg)	2566 (1164) I 3007 (1364)
	38		W/O Load, Rear Ibs(kg)	3490 (1583) + 3417 (1550)
	39	Tires (Standard)	Number Front/Bear	2/2
	40		Size Front in	18x6x12 125
			Size Bear in	1/1/2/ 5/8
	41	Wheelbace	in/mm)	49.0 (1990)
ssi	41	Trock	Front/Door in(mm)	
Pa	42		FIGHT/Real III(IIIII)	31.1/32.4 (709/022)
ľ	44	Ground Clearance	INITIATION CENTER OF WIREBASE IN(MM)	3.2 / 5.0 (82/127)
	46	Service Brake	туре	Drum
	47	Parking Brake	Туре	Foot
		Steering	Type	Hydrostatic
	49	Steering Engine	Nanufacturer/Model	Hydrostatic Mitsubishi 4G63
he	49 51	Steering Engine	Type Manufacturer/Model Rated Output HP(KW)@rpm	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100
, Line	49 51	Steering Engine	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800
rive Line	49 51 52	Steering Engine	Nanufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650
Drive Line	49 51 52 53	Steering Engine	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0)
Drive Line	49 51 52 53 54	Steering Engine Transmission	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1
Drive Line	49 51 52 53 54 57	Steering Engine Transmission Hydraulic Pressure	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140)
Drive Line	49 51 52 53 54 57 58	Steering Engine Transmission Hydraulic Pressure Sound Level	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar) Avg. at Operator's Ear Per ISO dB(A)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140) 80
Drive Line	49 51 52 53 54 57 58	Steering Engine Transmission Hydraulic Pressure Sound Level	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar) Avg. at Operator's Ear Per ISO dB(A)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140) 80
Drive Line	49 51 52 53 54 57 58	Steering Engine Transmission Hydraulic Pressure Sound Level	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar) Avg. at Operator's Ear Per ISO dB(A)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140) 80
Drive Line	49 51 52 53 54 57 58	Steering Engine Transmission Hydraulic Pressure Sound Level	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar) Avg. at Operator's Ear Per ISO dB(A)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140) 80
Drive Line	49 51 52 53 54 57 58	Steering Engine Transmission Hydraulic Pressure Sound Level	Type Manufacturer/Model Rated Output HP(KW)@rpm Torque Ib-ft(Nm)@rpm Speed, Max. Governed rpm Cylinders/Displacement cu.in.(liters) Manufacturer/Type, Speeds F/R For Attachments psi(bar) Avg. at Operator's Ear Per ISO dB(A)	Hydrostatic Mitsubishi 4G63 39.5 (29) @ 2100 101 (137) @ 1800 2650 4 / 122 (2.0) Clark/Powershift, 1/1 2030 (140) 80

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	1	Manufacturer			Clark	
2	2	Model	Manufacturer's Designation		C18CL	
atic				in(mm)	STD 129 (3285) I TSU 188 (4780)	
Ē	3	Load Capacity		lbs(kg)	3500 (1800)	
lfo	4	Load Center	Fork Face to Load CG	in(mm)	24 (500)	
al I	5	Drive Unit	Туре	,	LPG	T
ner	6	Operator Type	21.		Rider-Seated	
<u>e</u>	7	Tire Type			Cushion	
	8	Wheels (X–Driven)	Front/Bear		28/2	
	å	Unright	Maximum Fork Height Full Capaci	ty in(mm)	188 (4780)	
	10	opright	Lift Height (Preferred Upright)	in(mm)	120 (3285) + 188 (4780)	
	11		Erec Lift Empty	in(mm)	4 2 (110) + 57 0 (1471)	
	12	Upright Tilt	Pack/Forward	dog	4.3 (110) 1 37.3 (1471)	
ns	12		Ctd. Fork Size (T.V.W.Y.L.)	in(mm)	0/0 1 3/0	
sio	14		Stu. Fork Size (1 X W X L)	in(mm)	1.0X4X42 (40X100X1070)	
nen	15	Overall Dimensions	Length to Fork Face	in(mm)	81.6 (20/5) 1 81.8 (20/8)	
Dir	16		Width over Drive Axle	in(mm)	37.0 (940)	
ii I	17		Height, Upright Lowered	in(mm)	86.7 (2203) 1 82.8 (2103)	
Ba			Height, Upright Extended (w/LBR)	in(mm)	169.5 (4305) ı 236.2 (6000)	
	18		Height, Overhead Guard		81.1 (2060)	
	19	Turning Radius	Outside	in(mm)	72.5 (1840)	
	20	Load Center Distance	Center of Drive Axle to Fork Face	in(mm)	14.7 (375) ı 14.9 (378)	
	22	Right Angle Stack Aisle	Add Load Length and Clearance	in(mm)	87.2 (2215) 1 87.4 (2218)	
	23	Stability	According to ASME/DIN		Yes	
	24	Speeds	Travel Speed, Max w/Load	mph(km/h)	10.5 (16.9)	
	25		Travel Speed, Max w/o Load	mph(km/h)	10.6 (17)	
e		Speed on grade, loaded	5% Loaded	mph(km/h)	9.9 (16.0)	
anc			10% Loaded	mph(km/h)	6.0 (9.6)	
L I			15% Loaded	mph(km/h)	4.0 (6.5)	
f	26	Lift Speeds, Loaded/Empty		fpm(m/sec)	110/120 (0.56/0.61) + 104/114 (0.53/0.58)	
Pe	29	Lower Speeds, Loaded/Empty		fpm(m/sec)	88/82 (0.45/0.42) 1 84/79 (0.43/0.40)	
	30	Drawbar Pull, Maximum	With Load	lbs(N)	3785 (16838)	
	31	,	Without Load	lbs(N)	1763 (7845)	
	32	Gradeability	Maximum With/Without Load	%	38.6/24.1	
	34	Service Weight		lbs(ka)	6529 (2962) I 6897 (3129)	
S.	35	Axle Loading	With Load, Front	lbs(ka)	8733 (4210) + 9188 (4053)	
gh	36	·····g	With Load, Rear	lbs(ka)	1296 (552) + 1209 (473)	
Nei	37		W/O Load Front	lbs(kg)	2411 (1094) + 2852 (1294)	
[38		W/O Load Bear	lbs(kg)	4118 (1868) + 4045 (1835)	
	30	Tires (Standard)	Number Front/Bear	100(11g)	2/2	
	10		Size Front	in	18v6v12 125	
			Size Bear	in	14×4 5×8	
L~	11	Wheelbase	0120, 11001	in/mm)	۸۶ ۵ (1920)	
ssis	41	Track	Front/Poor	in(1111)		_
Cha	42	Ground Clearance	Minimum/at Contar of Wheelbace	in(nm)	31.1/32.4 (708/022) 2.0 / 5.0 (00/407)	
ľ	44		Tuno	111(11111)	0.2 / 0.0 (02/127)	
	40	Derking Broke	Туре			
	4/	rarking Brake	Туре			
\vdash		Sieering	Iype		Hydrostatic	
	49	Engine	wanutacturer/Model	ID////		
ne	51		Kated Output	HP(KW)@rpm	39.5 (29) @ 2100	
e Li	-		lorque lb	-tt(Nm)@rpm	101 (137) @ 1800	
ŗ	52		Speed, Max. Governed	rpm	2650	
	53		Cylinders/Displacement	cu.in.(liters)	4 / 122 (2.0)	
	54	Transmission	Manufacturer/Type, Speeds F/R		Clark/Powershift, 1/1	
	57	Hydraulic Pressure	For Attachments	psi(bar)	2030 (140)	
	58	Sound Level	Avg. at Operator's Ear Per ISO	dB(A)	80	2
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	1	Manufacturer		Clark		
Ę	2	Model	Manufacturer's Designation	C20sCL		
lij			in(mm)	STD 129 (3285) + TSU 188 (4780)		
ma	2	Load Canacity		4000 (2000)		
- jā		Load Captor	Early Easo to Load CC in(mm)	4000 (2000)		
느	4					
eral	5	Drive Unit	Туре	LPG		
l u	6	Operator Type		Rider-Seated		
Ū	7	Tire Type		Cushion		
	8	Wheels (X=Driven)	Front/Rear	2X/2		
imensions	9	Upright	Maximum Fork Height, Full Capacity in(mm)	160 (4070)		
	10		Lift Height (Preferred Upright) in(mm)	129 (3285) 1 188 (4780)		
	11		Free Lift Empty in(mm)	4 3 (110) + 57 9 (1471)		
	12	Upright Tilt	Back/Forward deg	8/8 1 5/6		
	14	Eorko	Std. Fork Size (T.X.W.X.L.) in(mm)	1 5x4x40 (40x100x1070)		
	14			1.5X4X42 (40X100X1070)		
	15	Overall Dimensions	Length to Fork Face In(mm)	82.7 (2103) 1 82.9 (2106)		
	16		Width over Drive Axle in(mm)	37.0 (940)		
	17		Height, Upright Lowered in(mm)	86.7 (2203) 1 82.8 (2103)		
Sas			Height, Upright Extended (w/LBR) in(mm)	169.5 (4305) I 236.2 (6000)		
1	18		Height, Overhead Guard	81.1 (2060)		
	19	Turning Radius	Outside in(mm)	73.5 (1866)		
	20	Load Center Distance	Center of Drive Axle to Fork Face in(mm)	14.7 (375) 1 14.9 (378)		
	22	Bight Angle Stack Aisle	Add Load Length and Clearance in(mm)	88.2 (2241) + 88.4 (2244)		
	22	Probility	According to ASME/DIN	Voc		
	25	Stability	According to ASME/DIN			
	24	Speeds	Travel Speed, Max W/Load mpn(km/n)	10.5 (16.9)		
	25		Iravel Speed, Max w/o Load mph(km/h)	10.6 (17)		
8		Speed on grade, loaded	5% Loaded mph(km/h)	9.9 (15.9)		
lan			10% Loaded mph(km/h)	5.6 (9.0)		
15			15% Loaded mph(km/h)	3.7 (5.9)		
١ř	26	Lift Speeds, Loaded/Empty	fpm(m/sec)	104/120 (0.54/0.61) I 100/114 (0.51/0.58)		
Pe	29	Lower Speeds, Loaded/Empty	fpm(m/sec)	88/82 (0.45/0.42) + 84/79 (0.43/0.40)		
	30	Drawbar Pull. Maximum	With Load Ibs(N)	3776 (16799)		
	31		Without Load Ibs(N)	1730 (7698)		
	32	Gradeability	Maximum With/Without Load %	35 6/22 6		
	24	Service Weight		6842 (3104) + 7210 (3271)		
٦	34		With Load Front Ibo(kg)	0642 (3104) 17210 (3271)		
ht	35	Axie Luduing	With Load Deer	9520 (4507) 1 9964 (4172)		
/eic	30		With Load, Rear IDS(Kg)			
1	37		W/U Load, Front IDS(Kg)	2301 (1044) I 2742 (1244)		
	38		W/O Load, Rear Ibs(kg)	4541 (2060) I 4468 (2027)		
	39	Tires (Standard)	Number, Front/Rear	2/2		
	40		Size, Front in	18x6x12.125		
			Size, Rear in	14x4.5x8		
<u>e</u> .	41	Wheelbase	in(mm)	48.0 (1220)		
ass	42	Track	Front/Rear in(mm)	31.1/32.4 (789/822)		
5	44	Ground Clearance	Minimum/at Center of Wheelbase in(mm)	3.2 / 5.0 (82/127)		
	46	Service Brake	Туре	Drum		
	47	Parking Brake	Type	Foot		
	–	Steering	Туре	Hydrostatic		
\vdash	40	Engino	Manufacturar/Model	Mitcubicki 4069		
	49					
ne	51		HP(KW)@rpm	39.5 (29) @ 2100		
ت: ه	\vdash		Iorque Ib-ft(Nm)@rpm	101 (137) @ 1800		
rive	52		Speed, Max. Governed rpm	2650		
	53		Cylinders/Displacement cu.in.(liters)	4 / 122 (2.0)		
	54	Transmission	Manufacturer/Type, Speeds F/R	Clark/Powershift, 1/1		
	57	Hydraulic Pressure	For Attachments psi(bar)	2030 (140)		
	58	Sound Level	Avg. at Operator's Ear Per ISO dB(A)	80		
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CLARK GEN2 SERIES cushion tire trucks are designed for long life in diverse applications such as bottling, manufacturing, recycling, warehousing and distribution. These LPG powered trucks provide very high levels of operator comfort, performance, reliability, ease of service and low noise and have set the ergonomic standard for operator compartment desian.

Operator Comfort / Convenience

Operator Comfort / Convenience These trucks feature the well-respected operator compartment design of the Gen2 series, providing a quiet, comfortable and spacious environment for operators of all sizes. The large floor area is free of obstructions, has a thick molded floor mat for comfort and noise abatement and is easily removable with no tools. The large open step area and grab handle on the left side provide convenient entry and exit. Foot controls feature a two-pedal inch-brake system with low height and short travel pedals. Left pedal is for service brakes only. Left foot parking brake is designed for hand or foot release. release.

Hydraulic control valve levers are cowl-mounted. Directional control is left hand fingertip operated and electrically actuated. Direction reversals are hydraulically cushioned. The vinyl safety seat with retractable seat belt and lateral restraint is proven retractable seat belt and lateral restraint is proven effective. Six inches (150 mm) of forward and backward adjustment, and separate back and seat cushions with molded bolsters for comfort. A tilt steering column locks in one of six positions and 38° total travel. The small diameter, thick section steering wheel is easily operated with one hand, and positioned slightly left of operator center for comfortable and productive operation with the left hand, while allowing right hand operation of the hydraulic levers. Clamshell hood, direct acting latch and gas strut allow easy access for daily inspections.

Instrument Panel

Instrument Panel The instrument panel features a full LED/digital display with visual and audible engine monitoring warnings. Functions being monitored include water temperature, engine oil pressure, transmission oil temperature, alternator charge, low LPG fuel and maintenance timer. The state-of-the-art instrument panel incorporates many protection devices for the drive train and electrical system. An automatic engine shutdown system continuously monitors engine oil pressure, engine coolant temperature and transmission oil temperature. Also included is a digital hour meter and neutral start switch. There are warning prompts for the seat belt, parking brake, ignition key, headlights and service engine light. The panel incorporates a diagnostic system to assist with fuel system maintenance and fault indication for the electrical system. the electrical system.

Engine

Featuring a Mitsubishi model 4G63, 2.0 liter (122 c.i.) 4-cylinder overhead cam engine with internal dynamic balancers for reduced vibration and an EPA 2004 compliant LPG fuel system with diagnostics. Camshaft and balancers are cog belt driven. Cast iron deep skirt block with aluminum cylinder head, 5-main bearing crankshaft, hydraulic valve lifters and electronic innition reduce maintenance requirements. This engine is well known for low maintenance and long service life.

Engine Accessories/Capacities Trucks are 12-volt negative ground incorporating a heavy-duty starter with anti-restart system and a 50 amp alternator with integral regulator. The battery is rated at 430 CCA at 0°F (-18°C). Clean air intake is achieved by a high capacity air cleaner with raised air inlet; an automatic dirt ejector and air restriction indicator provide extended service life. An optional supplemental safety element and pre-cleaner can easily be added without other changes. Electrical relays and automotive type blade fuses are conveniently located in a covered cowl mounted fuse panel. Moisture resistant electrical connectors fuse panel. Moisture resistant electrical connectors and fusible links are located outside the main harness for ease of access. Air and oil filters are easily accessible for service and located to prevent spillage. The hydraulic sump breather is remotely located to prevent spillage. All fluid level checks are easy to access. Crankcase capacity with filter is 4.0 qts. (3.8L). An LPG tank bracket with double straps is designed for 33.5 lb (15.2 kg) tanks.

Transaxle

Featuring a Clark Model TA-12 single-speed, full reversing, powershift transaxle. This rugged and proven Clark transaxle is an integral unit with high ratio, industrial torque converter, full-floating drive axles and drum/shoe brakes. Equipped with electrically controlled directional control, fully modulated clutch packs and a precise inching control system. Test ports, fluid check and full-flow oil filter are easily accessible. An integral oil cooler is located in the open core radiator.

Brakes

Self-energizing, hydraulic-actuated drum and shoe type service brakes. Two-pedal system with integral inching and brake pedal on the left side and service brake pedal on the right. Heavy cast iron brake shoes, drums and backing plates with openings for lining inspection and adjustment. All components are asbestos-free. The brakes are accessed by removing the wheel hub, axle shaft and brake drum. The left foot parking brake pedal actuates the The left foot parking brake pedal actuates the service brakes at both drive wheels, with electric transmission interrupt, and fingertip release. The transmission is disengaged when the parking brake is applied.

Hydraulics

Hydraulics A single gear driven pump provides fluid for hydraulic functions and steering. The priority-demand steering system conserves energy by supplying hydraulic fluid on demand-only basis. The hydraulic tank is integral with the truck frame with an in-tank screen, and the in-tank return line filter is easily serviced without spill. A quick-connect pressure port allows convenient pressure checks. All pressure fittings use O-ring face seals for positive sealing. Sump tank capacity is 6.3 gal. (24 L).

Steering

Steering is full hydrostatic with tilt wheel, utilizing a Steering is full hydrostatic with tilt wheel, utilizing a compact axle beam and integral double-acting steer cylinder. High strength spindle assemblies incorporate kingpins and double metal sealed bearings to provide rugged, easily serviced assemblies. The steering linkage uses spherical bearings, double shear link pins and grease fittings. Rubber isolation mounts support the axle, absorb shock and reduce noise.

Upright

Clark designed high visibility uprights are available as standard, Hi-Lo, and triple stage in a wide range of lift heights. Upright rails are all-roller construction with canted rollers to absorb both normal and side-thrust loads. The ITA Class II fork carriage includes six main rollers and additional side thrust rollers. The load backgrout provides evaluate the back backgrout provides are all the start of the start load backrest provides excellent visibility. Hydraulic cushioning between stages aids in smooth, quiet operation. Self-lubricating trunnion bushings and simplified roller access improve serviceability. A hydraulic tilt lock valve to prevent cavitation; integral flow limiting valves prevent rapid carriage descent in the event of a line failure; and lowering control valves allow faster lowering speeds when empty or with light loads. Tilt cylinders incorporate self-aligning spherical bushings at both ends for extended seal life. Optional hose adaptations provide optimum visibility through the upright.

Additional Features

Additional features Single auxiliary valve, two headlights mounted on the overhead guard, and a 48" high load backrest. The auxiliary hydraulic flow can be easily adjusted at the main valve to suit various attachments. With the one-piece hood and quickly removeable floorplate, all routine maintenance checkpoints can be easily accessed. An open-core radiator with integral oil accessed and quited an automatic appring objudies. accessed. An open-core radiator with integral oil cooler is standard. An automatic engine shutdown system protects driveline components. Hydraulic fittings are O-ring face seal. Color is Clark Green with non-glare matte black trim and white wheels. Tow pin located in the counterweight. The operator manual is permanently attached in the back of the safety seat

Available Equipment

Various options include wide drive tires, auxilliary valves and hose adaptations, sideshifters, hydraulic control options, stop/tail/backup lights, rear work light, turn signal lights, strobes, backup alarm, mirrors, convenience console, various seat options, air cleaner safety element, and pre-cleaner.

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