



CLARK

CLARK
THE FORKLIFT.



CGP

Genesis™ Series

CGP 40/45/50/55

Rated Capacity:

8,000 lbs. 4000 kg

9,000 lbs. 4500 kg

10,000 lbs. 5000 kg

11,000 lbs. 5500 kg



Gasoline/LPG/Diesel
Pneumatic Tire Lift Trucks

GENERAL DATA

DIMENSIONS

Upright Table

Maximum Fork Height†		Overall Height Lowered		Free Lift	
in	mm	in	mm	in	mm
CGP/CDP 40/45 Standard					
113	2894	85	2170	6.5	165
• 125	3194	91	2320	6.5	165
149	3794	103	2620	6.5	165
172	4394	114	2920	6.5	165
Triple Stage					
170	4330	85	2170	62	1576
• 188	4780	91	2320	67	1726
211	5380	103	2620	79	2026
229	5830	109	2770	85	2176
253	6430	120	3070	97	2476

CGP/CDP 50/55

Standard					
104	2646	85	2176	6.5	165
• 115	2946	91	2326	6.5	165
139	3546	103	2626	6.5	165
163	4146	115	2926	6.5	165

Triple Stage

162	4115	85	2176	59	1500
• 178	4530	91	2326	64	1650
190	4830	97	2476	70	1800
219	5580	109	2776	82	2100
243	6180	121	3076	94	2400

• Indicates preferred standard sizes.
 For overall height raised with load backrest, add 48 in. (1220 mm) to maximum fork height.
 Other uprights available, contact a Clark representative.

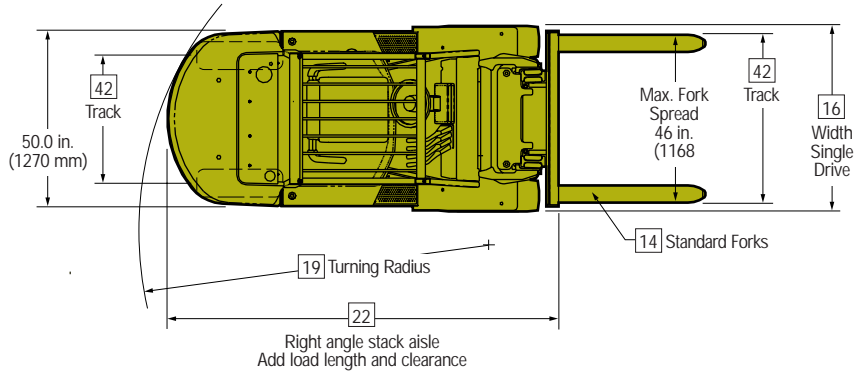
Tilt Specifications*

Upright MFH (in./mm)	Tilt-B°/F°
Standard uprights thru 172 (4370)	8° / 8°
Triple stage uprights thru 188 (4775)	5° / 6°
Triple stage uprights over 188 (4780)	5° / 3°

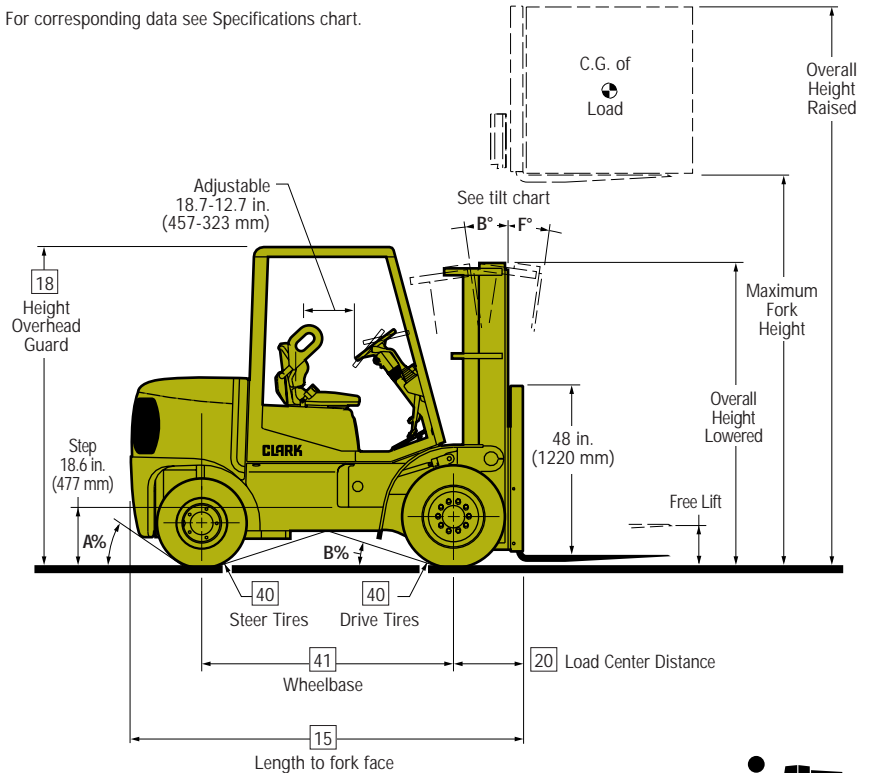
* Standard tilt with MFH's noted. Contact Clark representative for information on optional tilt. Back tilt is limited to 6° on trucks equipped with operator cabs.

Grade Clearance

Model	A%	B%
CGP/CDP 40	80	32
CGP/CDP 45	67	32
CGP/CDP 50	63	30
CGP/CDP 55	63	30



□ For corresponding data see Specifications chart.



Dual Drive Tire Option*

Dual Drive Tires	Models	Overall Width With Dual Drive
Dual 250 x 15 in, 18 ply rating	CGP/CDP 40/45	75.9 in (1927 mm)
Dual 8.25 x 15 in, 12 ply rating	CGP/CDP 50/55	74.3 in (1890 mm)

Note: Dual drive tires require the 61 in. (1550 mm) wide fork carriage. Dual drive option includes wide fenders.
 * Standard tires are air filled; Solid tires are available in all configurations for drive and steer axes.

SPECIFICATIONS

Gasoline Models

		Gasoline Models				
General Information	1	Manufacturer		Clark	Clark	
	2	Model	Manufacturer's designation	CGP 40	CGP 45	
	3	Load capacity		lbs/kg	8,000 / 4000	9,000 / 4500
	4	Load center	Fork face to load CG	in/mm	24 / 500	24 / 500
	5	Drive unit	Type		Gasoline/LPG	Gasoline/LPG
	6	Operator type			Rider Counterbalanced	Rider Counterbalanced
	7	Tire type			Pneumatic	Pneumatic
	8	Wheels (x=driven)	Front/rear		2x / 2	2x / 2
Basic Dimensions	9	Upright ^{1,2}	Maximum fork height, full capacity	in/mm	172 / 4394	172 / 4394
	10		Lift height (preferred upright)	in/mm	125 / 3194	125 / 3194
	11		Free lift	in/mm	6.5 / 165	6.5 / 165
	12	Upright tilt	Back/Forward	degrees	8 / 8	8 / 8
	14	Fork	Std. fork size (T x W x L)	in/mm	2x5x42 / 50x127x1067	2x6x48 / 50x152x1220
	15	Overall dimensions	Length to fork face ³	in/mm	111.4 / 2829	113.4 / 2879
	16		Width (single drive tires, see Dual Drive Options)	in/mm	53.2 / 1351	53.2 / 1351
			Height, upright lowered	in/mm	92 / 2337	92 / 2337
			Height, upright extended	in/mm	173 / 4395	173 / 4395
	18		Height, overhead guard	in/mm	91.0 / 2312	91.0 / 2312
	19	Turning radius		in/mm	101.5 / 2577	103.1 / 2620
	20	Load center distance	C/L of drive axle to fork face	in/mm	19.7 / 500	19.7 / 500
22	Right angle stack aisle	Add load length and clearance	in/mm	121.1 / 3077	122.8 / 3120	
Performance	23	Stability	According to ANSI/DIN		Yes	Yes
	24	Speeds	Travel speed, maximum, with load	mph/kph	13.1 / 21.1	12.7 / 20.5
	25		Travel speed, maximum, without load	mph/kph	13.4 / 21.6	13.4 / 21.6
		Speed on grade, loaded	5%, loaded	mph/kph	8.1 / 13.0	8.0 / 12.8
			10%, loaded	mph/kph	4.6 / 7.4	4.5 / 7.2
			15%, loaded	mph/kph	3.3 / 5.3	2.7 / 4.3
	26	Lift speed, loaded/empty	Standard upright	fpm/ms	107/115 / .54/.58	104/115 / .53/.58
	28		Triple stage upright	fpm/ms	102/110 / .52/.56	99/110 / .50/.56
	29	Lower speed, loaded/empty	All uprights, loaded/empty	fpm/ms	80/70 / .40/.35	80/70 / .40/.35
30	Drawbar pull, maximum	With load (low range)	lbs/N	8,100 / 36025	7,960 / 35410	
31		Without load	lbs/N	4,460 / 19835	5,015 / 22305	
32	Gradeability	At 1 mph (1.6 kph) with load (low range)	%	28.7	26.3	
		Maximum with/without load (low range)	%	31.4 / 20.5	28.6 / 21.1	
Weights	34	Service weight		lbs/kg	12,881 / 5843	13,675 / 6203
	35	Axle loading	With load, front	lbs/kg	18,925 / 8584	20,475 / 9287
	36		With load, rear	lbs/kg	1,956 / 887	2,200 / 998
	37		Without load, front	lbs/kg	6,036 / 2738	5,974 / 2710
38		Without load, rear	lbs/kg	6,845 / 3105	7,701 / 3495	
Chassis	39	Tires	Number, front/rear		2 / 2	2 / 2
	40		Size, front	in	250 x 15, 18 ply rating*	250 x 15, 18 ply rating*
			Size, rear	in	7.00 x 12, 12 ply rating	7.00 x 12, 12 ply rating
	41	Wheelbase		in/mm	71.5 / 1816	71.5 / 1816
	42	Track	Front/rear	in/mm	44.0/41.3 / 1117/1048	44.0/41.3 / 1117/1048
	44	Ground clearance	Minimum/at center of wheelbase	in/mm	4.3/9.9 / 109/251	4.3/9.9 / 109/251
	46	Service brake	Type		Power Assisted Disc	Power Assisted Disc
	47	Parking brake	Type		Foot Pedal	Foot Pedal
	Steering	Type		Hydrostatic	Hydrostatic	
Drive Line	49	Engine	Manufacturer/model		GM / 4.3L V6	GM / 4.3L V6
	51		Rated output ³	HP/kW @ rpm	93 / 69 @ 2400	93 / 69 @ 2400
			Torque	lb-ft/Nm @ rpm	235 / 318 @ 2000	235 / 318 @ 2000
	52		Speed, maximum governed	rpm	2,650	2,650
	53		Cylinders/displacement	cu. in-Liters	6 / 262-4.3	6 / 262-4.3
	54	Transmission	Manufacturer/Type, speeds F/R		Clark / Powershift, 2 / 2	Clark / Powershift, 2 / 2
57	Hydraulic Pressure	For attachments	psi/bar	2300 / 158	2300 / 158	
58	Sound level	Avg. at operator's ear per ANSI B56.11.5	dBA	81	81	

4 Engines rated per SAE J1349. Performance with LPG may be expected to be less than values shown.

Notes: 1 See Upright Table. Contact Clark Representative for additional lift heights. 2 Specifications are given for the truck with the standard upright noted in line 10.

SPECIFICATIONS

Gasoline Models

		Gasoline Models				
General Information	1	Manufacturer		Clark	Clark	
	2	Model	Manufacturer's designation	CGP 50	CGP 55	
	3	Load capacity		lbs/kg	10,000 / 5000	11,000 / 5500
	4	Load center	Fork face to load CG	in/mm	24 / 500	24 / 500
	5	Drive unit	Type		Gasoline/LPG	Gasoline/LPG
	6	Operator type			Rider Counterbalanced	Rider Counterbalanced
	7	Tire type			Pneumatic	Pneumatic
	8	Wheels (x=driven)	Front/rear		2x / 2	2x / 2
Basic Dimensions	9	Upright ^{1,2}	Maximum fork height, full capacity	in/mm	163 / 4146	163 / 4146
	10		Lift height (preferred upright)	in/mm	115 / 2946	115 / 2946
	11		Free lift	in/mm	6.5 / 165	6.5 / 165
	12	Upright tilt	Back/Forward	degrees	8 / 8	8 / 8
	14	Fork	Std. fork size (T x W x L)	in/mm	2x6x48 / 50x152x1220	2.2x6x48 / 55x152x1220
	15	Overall dimensions	Length to fork face ³	in/mm	126.3 / 3208	127.6 / 3241
	16		Width (single drive tires, see Dual Drive Options)	in/mm	57.8 / 1469	57.8 / 1469
			Height, upright lowered	in/mm	92 / 2337	92 / 2337
			Height, upright extended	in/mm	163 / 4141	163 / 4141
	18		Height, overhead guard	in/mm	91.7 / 2330	91.7 / 2330
	19	Turning radius		in/mm	114.3 / 2904	114.3 / 2904
	20	Load center distance	C/L of drive axle to fork face	in/mm	22.7 / 575	23.9 / 608
22	Right angle stack aisle	Add load length and clearance	in/mm	137.0 / 3479	138.3 / 3512	
Performance	23	Stability	According to ANSI/DIN		Yes	Yes
	24	Speeds	Travel speed, maximum, with load	mph/kph	13.9 / 22.4	13.5 / 21.8
	25		Travel speed, maximum, without load	mph/kph	15.0 / 24.2	15.0 / 24.0
		Speed on grade, loaded	5%, loaded	mph/kph	7.9 / 12.7	7.6 / 12.2
			10%, loaded	mph/kph	4.5 / 7.2	4.4 / 7.1
			15%, loaded	mph/kph	2.1 / 3.3	2.0 / 3.2
	26	Lift speed, loaded/empty	Standard upright	fpm/ms	102/115 / .52/.58	100/115 / .51/.58
	28		Triple stage upright	fpm/ms	97/110 / .49/.56	95/110 / .48/.56
	29	Lower speed, loaded/empty	All uprights, loaded/empty	fpm/ms	80/70 / .40/.35	80/70 / .40/.35
30	Drawbar pull, maximum	With load (low range)	lbs/N	7,360 / 32735	7,350 / 32690	
31		Without load	lbs/N	5,565 / 24750	5,505 / 24485	
32	Gradeability	At 1 mph (1.6 kph) with load (low range)	%	23.7	20.6	
		Maximum with/without load (low range)	%	26.2 / 21.6	24.3 / 20.0	
Weights	34	Service weight		lbs/kg	14,180 / 6432	14,981 / 6795
	35	Axle loading	With load, front	lbs/kg	21,897 / 9932	23,011 / 10438
	36		With load, rear	lbs/kg	2,282 / 1035	2,527 / 1146
	37		Without load, front	lbs/kg	6,192 / 2809	6,138 / 2784
	38		Without load, rear	lbs/kg	7,988 / 3623	8,843 / 4011
Chassis	39	Tires	Number, front/rear		2 / 2	2 / 2
	40		Size, front	in	300 x 15, 20 ply rating	300 x 15, 20 ply rating
			Size, rear	in	7.00 x 12, 12 ply rating	7.00 x 12, 12 ply rating
	41	Wheelbase		in/mm	81.5 / 2070	81.5 / 2070
	42	Track	Front/rear	in/mm	46.2/41.3 / 1174/1048	46.2/41.3 / 1174/1048
	44	Ground clearance	Minimum/at center of wheelbase	in/mm	6.3/10.6 / 160/270	6.3/10.6 / 160/270
	46	Service brake	Type		Power Assisted Disc	Power Assisted Disc
	47	Parking brake	Type		Foot Pedal	Foot Pedal
	Steering	Type		Hydrostatic	Hydrostatic	
Drive Line	49	Engine	Manufacturer/model		GM / 4.3L V6	GM / 4.3L V6
	51		Rated output ³	HP/kW @ rpm	93 / 69 @ 2400	93 / 69 @ 2400
			Torque	lb-ft/Nm @ rpm	235 / 318 @ 2000	235 / 318 @ 2000
	52		Speed, maximum governed	rpm	2,650	2,650
	53		Cylinders/displacement	cu. in-Liters	6 / 262-4.3	6 / 262-4.3
	54	Transmission	Manufacturer/Type, speeds F/R		Clark / Powershift, 2 / 2	Clark / Powershift, 2 / 2
57	Hydraulic Pressure	For attachments	psi/bar	2300 / 158	2300 / 158	
58	Sound level	Avg. at operator's ear per ANSI B56.11.5	dBA	81	81	

4 Engines rated per SAE J1349. Performance with LPG may be expected to be less than values shown.

Notes: 1 See Upright Table. Contact Clark Representative for additional lift heights. 2 Specifications are given for the truck with the standard upright noted in line 10.

SPECIFICATIONS

Diesel Models

		Diesel Models				
General Information	1	Manufacturer		Clark	Clark	
	2	Model	Manufacturer's designation	CDP 40	CDP 45	
	3	Load capacity		lbs/kg	8,000 / 4000	9,000 / 4500
	4	Load center	Fork face to load CG	in/mm	24 / 500	24 / 500
	5	Drive unit	Type		Diesel	Diesel
	6	Operator type			Rider Counterbalanced	Rider Counterbalanced
	7	Tire type			Pneumatic	Pneumatic
	8	Wheels (x=driven)	Front/rear		2x / 2	2x / 2
Basic Dimensions	9	Upright ^{1, 2}	Maximum fork height, full capacity	in/mm	172 / 4394	172 / 4394
	10		Lift height (preferred upright)	in/mm	125 / 3194	125 / 3194
	11		Free lift	in/mm	6.5 / 165	6.5 / 165
	12	Upright tilt	Back/Forward	degrees	8 / 8	8 / 8
	14	Fork	Std. fork size (T x W x L)	in/mm	2x5x42 / 50x127x1067	2x6x48 / 50x152x1220
	15	Overall dimensions	Length to fork face ³	in/mm	111.4 / 2829	113.4 / 2879
	16		Width (single drive tires, see Dual Drive Options)	in/mm	53.2 / 1351	53.2 / 1351
			Height, upright lowered	in/mm	92 / 2337	92 / 2337
			Height, upright extended	in/mm	173 / 4395	173 / 4345
	18		Height, overhead guard	in/mm	91.0 / 2312	91.0 / 2312
	19	Turning radius		in/mm	101.5 / 2577	103.1 / 2620
	20	Load center distance	C/L of drive axle to fork face	in/mm	19.7 / 500	19.7 / 500
22	Right angle stack aisle	Add load length and clearance	in/mm	121.1 / 3077	122.8 / 3120	
Performance	23	Stability	According to ANSI/DIN		Yes	Yes
	24	Speeds	Travel speed, maximum, with load	mph/kph	13.0 / 21.0	12.5 / 20.2
	25		Travel speed, maximum, without load	mph/kph	13.4 / 21.6	13.4 / 21.6
		Speed on grade, loaded	5%, loaded	mph/kph	8.1 / 13.0	8.0 / 12.8
			10%, loaded	mph/kph	4.6 / 7.4	4.5 / 7.2
			15%, loaded	mph/kph	3.3 / 5.3	2.7 / 4.3
	26	Lift speed, loaded/empty	Standard upright	fpm/ms	92/97 / .47/.49	90/97 / .45/.49
	28		Triple stage upright	fpm/ms	93/94 / .47/.48	92/94 / .47/.48
	29	Lower speed, loaded/empty	All uprights, loaded/empty	fpm/ms	80/70 / .40/.35	80/70 / .40/.35
30	Drawbar pull, maximum	With load (low range)	lbs/N	8,420 / 37450	8,410 / 37405	
31		Without load	lbs/N	4,460 / 19835	5,015 / 22305	
32	Gradeability	At 1 mph (1.6 kph) with load (low range)	%	28.7	26.3	
		Maximum with/without load (low range)	%	31.4 / 20.5	28.6 / 21.1	
Weights	34	Service weight		lbs/kg	12,881 / 5843	13,675 / 6203
	35	Axle loading	With load, front	lbs/kg	18,925 / 8584	20,475 / 9287
	36		With load, rear	lbs/kg	1,956 / 887	2,200 / 998
	37		Without load, front	lbs/kg	6,036 / 2738	5,974 / 2710
	38		Without load, rear	lbs/kg	6,845 / 3105	7,701 / 3495
Chassis	39	Tires	Number, front/rear		2 / 2	2 / 2
	40		Size, front	in	250 x 15, 18 ply rating*	250 x 15, 18 ply rating*
			Size, rear	in	7.00 x 12, 12 ply rating	7.00 x 12, 12 ply rating
	41	Wheelbase		in/mm	71.5 / 1816	71.5 / 1816
	42	Track	Front/rear	in/mm	44.0/41.3 / 1117/1048	44.0/41.3 / 1117/1048
	44	Ground clearance	Minimum/at center of wheelbase	in/mm	4.3/9.9 / 109/251	4.3/9.9 / 109/251
	46	Service brake	Type		Power Assisted Disc	Power Assisted Disc
	47	Parking brake	Type		Foot Pedal	Foot Pedal
	Steering	Type		Hydrostatic	Hydrostatic	
Drive Line	49	Engine	Manufacturer/model		Perkins / 1004.4	Perkins / 1004.4
	51		Rated output ³	HP/kW @ rpm	82 / 61 @ 2300	82 / 61 @ 2300
			Torque	lb-ft/Nm @ rpm	210 / 284 @ 1400	210 / 284 @ 1400
	52		Speed, maximum governed	rpm	2,640	2,640
	53		Cylinders/displacement	cu. in-Liters	4 / 243-4.0	4 / 243-4.0
	54	Transmission	Manufacturer/Type, speeds F/R		Clark / Powershift, 2 / 2	Clark / Powershift, 2 / 2
57	Hydraulic Pressure	For attachments	psi/bar	2300 / 158	2300 / 158	
58	Sound level	Avg. at operator's ear per ANSI B56.11.5	dBA	83	83	

4 Engines rated per SAE J1349. Performance with LPG may be expected to be less than values shown.

Notes: 1 See Upright Table. Contact Clark Representative for additional lift heights. 2 Specifications are given for the truck with the standard upright noted in line 10.

SPECIFICATIONS

Diesel Models

General Information	1	Manufacturer		Clark	Clark	
	2	Model	Manufacturer's designation	CDP 50	CDP 55	
	3	Load capacity	lbs/kg	10,000 / 5000	11,000 / 5500	
	4	Load center	Fork face to load CG	in/mm	24 / 500	24 / 500
	5	Drive unit	Type	Diesel	Diesel	
	6	Operator type		Rider Counterbalanced	Rider Counterbalanced	
	7	Tire type		Pneumatic	Pneumatic	
	8	Wheels (x=driven)	Front/rear	2x / 2	2x / 2	
Basic Dimensions	9	Upright ^{1, 2}	Maximum fork height, full capacity	in/mm	163 / 4146	163 / 4146
	10		Lift height (preferred upright)	in/mm	115 / 2946	115 / 2946
	11		Free lift	in/mm	6.5 / 165	6.5 / 165
	12	Upright tilt	Back/Forward	degrees	8 / 8	8 / 8
	14	Fork	Std. fork size (T x W x L)	in/mm	2x6x48 / 50x152x1220	2.2x6x48 / 55x152x1220
	15	Overall dimensions	Length to fork face ³	in/mm	126.3 / 3208	127.6 / 3241
	16		Width (single drive tires, see Dual Drive Options)	in/mm	57.8 / 1469	57.8 / 1469
			Height, upright lowered	in/mm	92 / 2337	92 / 2337
			Height, upright extended	in/mm	163 / 4141	163 / 4141
	18		Height, overhead guard	in/mm	91.7 / 2330	91.7 / 2330
	19	Turning radius		in/mm	114.3 / 2904	114.3 / 2904
	20	Load center distance	C/L of drive axle to fork face	in/mm	22.7 / 575	23.9 / 608
22	Right angle stack aisle	Add load length and clearance	in/mm	137.0 / 3479	138.3 / 3512	
Performance	23	Stability	According to ANSI/DIN		Yes	Yes
	24	Speeds	Travel speed, maximum, with load	mph/kph	14.1 / 22.7	13.7 / 22.1
	25		Travel speed, maximum, without load	mph/kph	15.4 / 24.8	15.4 / 24.8
		Speed on grade, loaded	5%, loaded	mph/kph	7.9 / 12.7	7.6 / 12.2
			10%, loaded	mph/kph	4.5 / 7.2	4.4 / 7.1
			15%, loaded	mph/kph	2.1 / 3.3	2.0 / 3.2
	26	Lift speed, loaded/empty	Standard upright	fpm/ms	89/97 / .45/.49	88/97 / .45/.49
	28		Triple stage upright	fpm/ms	90/94 / .45/.48	89/94 / .45/.48
	29	Lower speed, loaded/empty	All uprights, loaded/empty	fpm/ms	80/70 / .40/.35	80/70 / .40/.35
30	Drawbar pull, maximum	With load (low range)	lbs/N	7,510 / 33401	7,500 / 33360	
31		Without load	lbs/N	5,565 / 24750	5,505 / 24485	
32	Gradeability	At 1 mph (1.6 kph) with load (low range)	%	23.7	20.6	
		Maximum with/without load (low range)	%	26.2 / 21.6	24.3 / 20.0	
Weights	34	Service weight	lbs/kg	14,180 / 6432	14,981 / 6795	
	35	Axle loading	With load, front	lbs/kg	21,897 / 9932	23,011 / 10438
	36		With load, rear	lbs/kg	2,282 / 1035	2,527 / 1146
	37		Without load, front	lbs/kg	6,192 / 2809	6,138 / 2784
	38		Without load, rear	lbs/kg	7,988 / 3623	8,843 / 4011
Chassis	39	Tires	Number, front/rear		2 / 2	2 / 2
	40		Size, front	in	300 x 15, 20 ply rating	300 x 15, 20 ply rating
			Size, rear	in	7.00 x 12, 12 ply rating	7.00 x 12, 12 ply rating
	41	Wheelbase		in/mm	81.5 / 2070	81.5 / 2070
	42	Track	Front/rear	in/mm	46.2/41.3 / 1174/1048	46.2/41.3 / 1174/1048
	44	Ground clearance	Minimum/at center of wheelbase	in/mm	6.3/10.6 / 160/270	6.3/10.6 / 160/270
	46	Service brake	Type		Power Assisted Disc	Power Assisted Disc
	47	Parking brake	Type		Foot Pedal	Foot Pedal
	Steering	Type		Hydrostatic	Hydrostatic	
Drive Line	49	Engine	Manufacturer/model		Perkins / 1004.4	Perkins / 1004.4
	51		Rated output ³	HP/kW @ rpm	82 / 61 @ 2300	82 / 61 @ 2300
			Torque	lb-ft/Nm @ rpm	210 / 284 @ 1400	210 / 284 @ 1400
	52		Speed, maximum governed	rpm	2,640	2,640
	53		Cylinders/displacement	cu. in-Liters	4 / 243-4.0	4 / 243-4.0
	54	Transmission	Manufacturer/Type, speeds F/R		Clark / Powershift, 2 / 2	Clark / Powershift, 2 / 2
57	Hydraulic Pressure	For attachments	psi/bar	2300 / 158	2300 / 158	
58	Sound level	Avg. at operator's ear per ANSI B56.11.5	dba	83	83	

4 Engines rated per SAE J1349. Performance with LPG may be expected to be less than values shown.

Notes: 1 See Upright Table. Contact Clark Representative for additional lift heights. 2 Specifications are given for the truck with the standard upright noted in line 10.

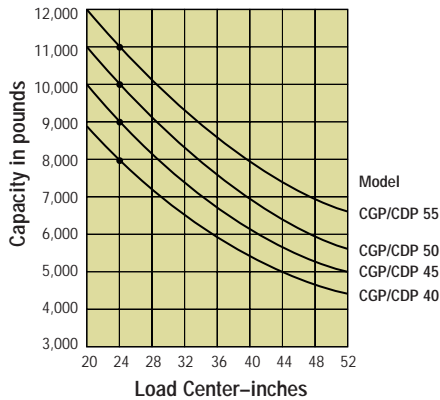
CAPACITIES

Note: Capacities shown are computed at maximum lift height (line 9 Specifications Chart) with upright in vertical position. Load centers are determined from top and front face of forks. Capacities are based on a 48-in. (1000 mm) cube load configuration with the center of gravity (C.G.) at the true center of the cube and standard forks.

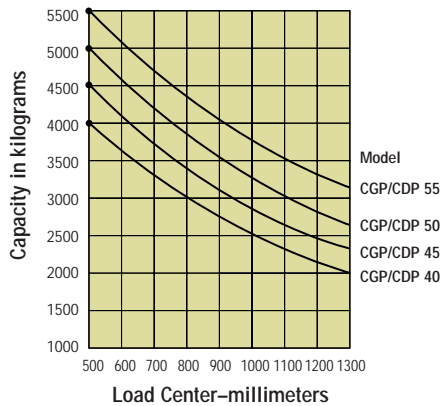
Truck capacities with upright in forward tilt position will be less. Long forks and unusually wide or tall loads may also reduce capacity. Contact Clark representative for capacity information on irregular loads.

Specific capacities are shown on truck nameplates.

Capacity at Load Center—U.S.



Capacity at Load Center—Metric



GENERAL DATA

Available Equipment

- High visibility standard and triple stage uprights of varied heights.
- Wide carriages and attachments including side shifters, roll clamps, rotators and lateral clamps.
- Unitrol™ foot directional control.
- Weight adjustable and damped custom seat.
- Seat deck hydraulic control levers.
- Operator cabs.
- Dual drive and puncture resistant solid tires.
- Vertical exhaust.
- Engine air cleaner pre-cleaner.
- Engine air cleaner safety element.
- Lights and audible alarms.
- GS LPS and DS U.L. classified construction.
- Non-standard tilt.

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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ANSI/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 G, GS, 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 cab
 - 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.

DESCRIPTION

Clark CGP 40/55 pneumatic trucks are suited for use in manufacturing, building materials handling, cargo and distribution where durability and productivity are required. Pneumatic tires are suited for both indoor and outdoor areas. Available with gasoline, LPG, or diesel fueled engines, these trucks provide high levels of operator comfort, low noise, reliability, and ease of service. Clark electric shift two-speed transmissions are standard.



Operator Control & Comfort

Genesis™ Series trucks feature a rubber isolated operator cell that provides a quiet, comfortable and spacious environment for operators of all sizes. Large floor area is free of obstructions and is covered with a permanent rubber mat. Large open access steps. Two-pedal inch-brake system has low-height short travel pedals. Left pedal is for inch and brake operation; right pedal is for brake only. Left foot actuated parking brake.

Cowl mounted hydraulic control levers with soft touch knobs. Left hand finger-tip operated directional control is electric operated; direction reversals are hydraulically cushioned. Two-position switch on panel selects low or high range operation. Durable, ergonomic cushion safety seat with retractable seat belt and lateral restraints are proven effective. Tilt steering column with small, thick-section wheel is easily operated with one hand.

Illuminated instrument pod with highly visible display. Integral Monitor system with engine shutdown feature provides continuous monitoring of engine oil pressure, transmission and coolant temperature as well as status of air cleaner and diesel fuel filters. The Monitor also incorporates low LPG warning light, analog temperature and fuel gauges for gasoline/diesel models, 5-digit hour meter, and audible alarm.

Gasoline/LPG Engine

GM 4.3L V-6. This widely accepted, fuel efficient industrial engine incorporates cast iron block and cylinder head, roller camshaft, exhaust valve rotators, and advanced engine sealing for leak protection. "Vortec" induction system, camshaft, and lubrication systems are specifically designed for lower RPM, high torque industrial applications; the engine incorporates an internal dynamic balancer to reduce vibration. LPG models are supplied with IMPCO fuel systems with brackets for 43.5 lb. tanks.

Diesel Engine

Perkins 1004.4, 4.0L 4-cylinder engines have iron block and cylinder head, 5 main bearing crankshaft and an internal dynamic balancer system that smooths engine vibration. Valve guides, exhaust valve seals and dry type cylinder sleeves are replaceable. New generation design incorporates low smoke, fuel efficient direct fuel injection, and manifold type Thermostat system.

Engine Accessories/Capacities

Trucks are 12-volt negative ground. Starters are equipped with heavy-duty clutch, and anti-restart system. Alternators have 65 amp output and have internal regulation. Batteries are 420 CCA and 625 CCA at 0° F for Gasoline/LPG and diesel trucks, respectively. All utilize Cyclopac air cleaners with high air intake, automatic dirt ejectors, and monitor indication for service. Supplemental safety element (optional) can be added without other changes.

Cooling system capacity: 15 qts. (15.8 L) on gasoline/LPG models; 16 qts. (16.9 L) on diesels. Crankcase capacity: 5 qts. (4.7 L) on gasoline/ LPG models; 8.0 qts. (7.6 L) on diesels.

Fuel tank capacity: 18 gal. (68 L) on gasoline and diesel models.

Service Access

Clamshell hood gives full access for inspections and service. Single piece floor panel is removable without tools. Filters are easily serviced and located to prevent spillage. Radiator is accessed, and can be removed easily without counterweight or major component removal.

Transaxle

Clark H200ES two-speed, full-reversing powershift transaxle is an integral assembly of transmission, differential, and drive axles providing long life and high durability. Solenoid actuated, hydraulic damped shift control and mechanical inching provide excellent modulation for precise control. Axle assemblies are enclosed with final reduction at the wheel hub. Inboard brakes benefit by torque multiplication which increases responsiveness, they are also protected from contamination for added life. Externally mounted charging pump and parking brake assemblies are proven reliable and are easily accessed. The transmission is equipped with an oil cooler in the engine radiator. Transmission test ports, neutral start switch and shift controls are located on the transmission control cover for simplified access and servicing. Full-flow transmission spin-on oil filter and sump screen are easily serviced.

Brakes

Hydraulic actuated disc-type brakes are power assisted. The disc brakes operate on the axle pinion shaft where brake torque is multiplied for responsive operation, their enclosed location protects against contamination. Brake and inching operation with left pedal, braking only with right pedal. A left foot parking brake pedal actuates the transmission mounted service brake. The cable is easily adjusted from within the operator compartment.

Hydraulics

Single gear driven pump provides fluid for hydraulic functions, steering, and brake power assist. Priority-demand steering system conserves energy by supplying hydraulic fluid on demand-only basis. Hydraulic tank is integral with truck frame, in-tank return line filter is quickly changed without spill. A quick-connect pressure port on the pump enables convenient pressure checks. All pressure fittings utilize O-ring type face seals. Sump tank capacity is 16.9 gal. (64 L).

Steering

Fully hydrostatic power steering with variable ratio control; steer response varies with rate of hand wheel movement for improved control. A compact axle beam with an integral double acting steer cylinder. Spindle assemblies incorporate king pins and tapered roller bearings to provide a rugged, easily serviced assembly. Rubber isolation mounts support the axle, absorb shock and reduce noise. Grease fittings extend linkage and bearing life.

Upright

High visibility standard and triple stage uprights of heavy C-channel outer rails and full I-section inner and intermediate rails. All-roller operation of upright rails; carriage rollers are canting to accept both normal and side thrust loads. The fork carriage employs six main rollers and additional side thrust rollers. Carriages are to ITA Class III and IV specifications. Load backrest is designed for optimal visibility. Heavy pin-type mounts support the upright on the drive axle assembly. Simplified roller access improves serviceability. Hydraulic counterbalance valve prevents improper tilt cylinder operation, integral flow limiting valves prevent rapid carriage descent in the event of a line failure, and a lowering control valve regulates lowering speeds.

Additional features

Color is high-visibility Clark Green with non-glare black trim. Wheels are bright white. Standard tow pin is recessed in counterweight. Operator Manual and Service Information Card are permanently attached to truck. Clark's *Employer's Guide to Material Handling Safety* and operator safety video are provided with truck. Contact Clark representative for additional information.

Available equipment

Dual drive, solid pneumatic tires, vertical exhaust stack. Unicontrol™ foot directional control, seat deck mounted hydraulic control levers; work, back-up and stop lights, strobe and audible alarm, convenience console, and operator cabs.