



GTS

20/25/30/33

Diesel / LPG



CLARK
THE FORKLIFT

The CLARK GTS is fitted with a powerful and economical diesel engine or LPG engine.



● Powerful engines

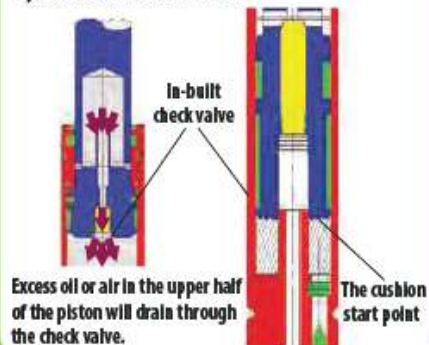
Yanmar Diesel engine

With EPA tier-3 the Yanmar 4TNE98 engine provides low-emission standards as well as low noise and vibration.

Hyundai LPG engine

The advanced Hyundai Theta 2.4LPG engine offers durability and high performance, with an aluminum engine block and timing chain.

The addition of a cushion at the lower portion of the cylinder reduced shock vibration



● Mast cylinder cushion function

The regulator valve inside the cylinder prevents accidental mast lowering. The cushion function allows an operator to recognize that the forks are slowing before the fork reach the floor.



● Designed for safety

CLARK'S 90 years of forklift experience guarantees customers' safety. The forklift is designed with a high strength C-I rail and limiting valve attached to the cylinder. The limiter protects the operator and prevents sudden fork lowering if the lift hose is sheared.

Automotive-style ergonomics



● Tiltable steering column

The tiltable steering column can be adjusted to the driver's posture maximizing their work efficiency.



● Hand parking Brake

The lever-style hand brake is easily applied in the same way as a car.



● Convenient console

A convenient console is located on the left, facilitating storage for any work documents.

● Wet disc brake

This provides minimum pedal effort to reduce driver fatigue as well as improved reliability.

*Advantage of wet disc brakes

1. Lower maintenance costs
2. Smooth braking
3. Eco friendly work condition

● Ergonomic design

For the driver's convenience, hood mounted hydraulic levers are included to minimize fatigue. The work safety standard is enforced with a Flow Regulator on the lifting cylinder to prevent accidental mast lowering.

● Full suspension seat

- A full suspension seat is standard to minimize driver fatigue.
- 75 degree reclining of the seat is possible with a 50 to 130KG driver.
- Designed for the driver's utmost comfort by supporting their back and hips during long working periods.
- Suspension distance of 20mm - 60mm helps provides exceptional shock absorption.



SPECIFICATIONS

Specifications	1.1	Manufacturer (Abbreviation)	Unit	CLARK DIESEL MODELS			
	1.2	Manufacturer's designation		GTS20D	GTS25D	GTS30D	GTS33D
	1.5	Load capacity / rated load	t	2.0	2.5	3.0	3.3
	1.6	Load centre distance	mm	500	500	500	500
	1.8	Load centre distance, centre of drive axle to fork face	mm	455	455	460	475
	1.9	Wheelbase	mm	1620	1620	1700	1700
WT	2.1	Service weight	kg	3396	3700	4070	4276
	2.2	Axle loading, laden front / rear	kg	4800/750	5450/860	6240/930	6870/860
	2.3	Axle loading, unladen front / rear	kg	1620/1930	1476/2364	1646/2624	1677/2753
Tyres, Chassis	3.1	Tyre type, P = pneumatic, SE = superelastic, C = cushion (1)		P	P	P	P
	3.2	Tyre size, front		7.00X12-14PR	7.00X12-14PR	28X9X15-14PR	28X9X15-14PR
	3.3	Tyre size, rear		6.0x9-10PR	6.0x9-10PR	6.5x10-12PR	6.5x10-12PR
	3.5	Wheels, number front/rear (x = drive wheels)		2x/2	2x/2	2x/2	2x/2
	3.6	Tread, front	mm	996 (1075/1204)	996 (1075/1204)	1029(1109/1204)	1029(1129/1204)
	3.7	Tread, rear	mm	904	904	904	904
		4.1	Tilt of upright/fork carriage, F/R	Degrees	6/10	6/10	6/10
Dimensions	4.2	Height, upright lowered	mm	2165	2165	2180	2180
	4.3	Freelift	mm	110	110	110	110
	4.4	Lift height (2)	mm	3195	3195	3195	3165
	4.5	Height, upright extended (with LBR)	mm	4415	4415	4415	4385
	4.7	Height overheadguard (cab); Std / Container	mm	2170	2170	2180	2180
	4.8	Seat height	mm	1219	1219	1219	1219
	4.9	Coupling height	mm	360	360	360	360
	4.19	Overall length	mm	3643	3737	3842	3890
	4.20	Length to face of forks	mm	2573	2667	2772	2820
	4.21	Width	mm	1185	1185	1250	1250
	4.22	Fork dimensions	mm	45X100X1070	45X100X1070	45X122X1070	50X122X1070
	4.23	Fork carriage DIN 15173,		CLASS II A	CLASS II A	CLASS III A	CLASS III A
	4.31	Ground clearance minimum	mm	135	135	150	150
	4.32	Ground clearance centre of wheelbase	mm	150	150	165	165
	4.33	Right angle stack aisles	mm	3950	4040	4145	4185
	4.35	Outside turning radius	mm	2290	2380	2480	2510
	Performances	5.1	Travel speed laden/unladen	km/h	16.9/18.0	16.5/18.0	17.6/18.8
5.2		Lift speed laden/unladen	m/s	0.52/0.57	0.52/0.57	0.50/0.55	0.46/0.50
5.3		Lowering speed laden/unladen	m/s	0.54/0.50	0.54/0.50	0.54/0.50	0.50/0.43
5.6		Drawbar pull laden/unladen	kg	2252/776	2189/721	2015/775	2110/799
5.8		Max. gradeability laden/unladen	kg	45.6/22.6	37.2/19.3	29.4/19.0	28.1/18.2
5.9		Service brake		Wet disc brake	Wet disc brake	Wet disc brake	Wet disc brake
I.C.-Engine	7.1	Manufacturer / Type		Yanmar 4TNE94L	Yanmar 4TNE94L	Yanmar 4TNE94L	Yanmar 4TNE94L
	7.2	Rated output acc. per ISO 1585	kW	52.5	52.5	52.5	52.5
	7.3	Rated speed acc. DIN 70 020	RPM	2650	2650	2650	2650
	7.4	No. of cylinders / displacement	#/cm3	4/2359			
Addit.	8.1	Type of control		Hydrodyn	Hydrodyn	Hydrodyn	Hydrodyn
	8.2	Operating pressure for attachments	Bar	Adjustable	Adjustable	Adjustable	Adjustable
	8.3	Oil volume for attachments	L/min	140	140	140	140
	8.4	Sound level, driver's ear	dB (A)	80	80	80	80

- (1) – Optional with Superelastic/Solids
 (2) – More lift heights available
 (3) – At friction coefficient 0.6

SPECIFICATIONS

Specifications	1.1	Manufacturer (Abbreviation)	Unit	CLARK LPG MODELS			
	1.2	Manufacturer's designation		GTS20L	GTS25L	GTS30L	GTS33L
	1.5	Load capacity / rated load	t	2.0	2.5	3.0	3.3
	1.6	Load centre distance	mm	500	500	500	500
	1.8	Load centre distance, centre of drive axle to fork face	mm	455	455	460	475
	1.9	Wheelbase	mm	1620	1620	1700	1700
WT	2.1	Service weight	kg	3380	3730	4080	4380
	2.2	Axle loading, laden front / rear	kg	4680/680	5350/860	6260/830	6800/880
	2.3	Axle loading, unladen front / rear	kg	1480/1900	1380/2350	1500/2580	1610/2770
Tyres, Chassis	3.1	Tyre type, P = pneumatic, SE = superelastic, C = cushion (1)		P	P	P	P
	3.2	Tyre size, front		7.0x12-14PR	7.0x12-14PR	28x9x15-14PR (7.00X12-14PR)	28x9x15-14PR (7.00X12-14PR)
	3.3	Tyre size, rear		6.0x9-10PR	6.0x9-10PR	6.5x10-12PR	6.5x10-12PR
	3.5	Wheels, number front/rear (x = drive wheels)		2x/2	2x/2	2x/2	2x/2
	3.6	Tread, front	mm	996	996	1029	1029
	3.7	Tread, rear	mm	904	904	904	904
	Dimensions	4.1	Tilt of upright/fork carriage, F/R	Degrees	6/10	6/10	6/10
4.2		Height, upright lowered	mm	2165	2165	2180	2180
4.3		Freelift	mm	110	110	110	110
4.4		Lift height (2)	mm	3195	3195	3195	3165
4.5		Height, upright extended (with LBR)	mm	3792	3792	3862	3902
4.7		Height overheadguard (cab); Std / Container	mm	2170	2170	2180	2180
4.8		Seat height	mm	1219	1219	1219	1219
4.9		Coupling height	mm	360	360	360	360
4.19		Overall length	mm	3643	3737	3842	3890
4.20		Length to face of forks	mm	2573	2667	2772	2820
4.21		Width	mm	1185	1185	1250	1250
4.22		Fork dimensions	mm	45X100X1070	45X100X1070	45X122X1070	50X122X1070
4.23		Fork carriage DIN 15173		CLASS II A	CLASS II A	CLASS III A	CLASS III A
4.31		Ground clearance minimum	mm	135	135	150	150
4.32		Ground clearance centre of wheelbase	mm	155	155	165	165
4.33		Right angle stack aisles	mm	3950	4040	4145	4185
4.35		Outside turning radius	mm	2290	2380	2480	2510
Performances	5.1	Travel speed laden/unladen	km/h	17.2/18.3	16.9/18.3	18.3/19.5	19.6/20.6
	5.2	Lift speed laden/unladen	m/s	0.53/0.43	0.53/0.43	0.53/0.43	0.53/0.43
	5.3	Lowering speed laden/unladen	m/s	0.53/0.43	0.53/0.50	0.54/0.50	0.50/0.43
	5.6	Drawbar pull laden/unladen)	kg	2252/776	2189/721	2015/775	2110/799
	5.8	Max. gradeability laden/unladen	kg	45.6/22.6	37.2/19.3	29.4/19.0	28.1/18.2
	5.9	Service brake		Wet disc brake	Wet disc brake	Wet disc brake	Wet disc brake
I.C.-Engine	7.1	Manufacturer / Type		Hyundai Theta 2.4LPG	Hyundai Theta 2.4LPG	Hyundai Theta 2.4LPG	Hyundai Theta 2.4LPG
	7.2	Rated output acc. per ISO 1585	kW	51.6	51.6	51.6	51.6
	7.3	Rated speed acc. DIN 70 020	RPM	2650	2650	2650	2650
	7.4	No. of cylinders / displacement	#/cm3	4/2351	4/2351	4/2351	4/2351
Addit.	8.1	Type of control		Hydrodyn	Hydrodyn	Hydrodyn	Hydrodyn
	8.2	Operating pressure for attachments	Bar	Adjustable	Adjustable	Adjustable	Adjustable
	8.3	Oil volume for attachments	L/min	140	140	140	140
	8.4	Sound level, driver's ear	dB (A)	79	79	79	79

- (1) – Optional with Superelastic Tyres (4) – At friction coefficient 0.6
 (2) – More lift heights available (5) – Without load backrest
 (3) – Laden with 1.6km/h

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Dealer

Agrimoto Mozambique

Address: Bairro do Fomento

Talhao nr2/A Parcela nr728

Matola Formento

Mocambique

Tel/Fax: +258 21784221

Cell: +258 842446500

email: agrimotovendas@intra.co.mz