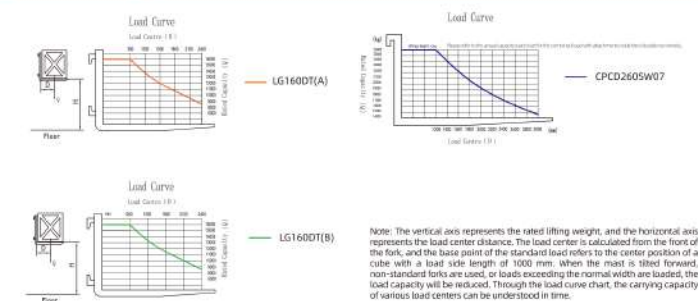


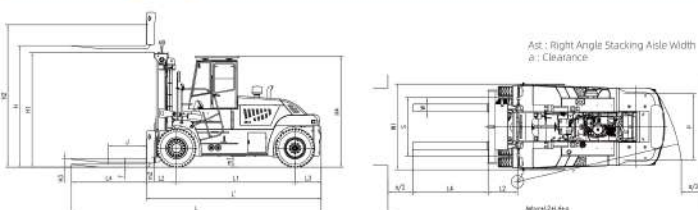
Configuration Option Sheet >> LG Series 16-26t

Configuration	Cabin(16T)	Torque Converter Oil Temperature Alarm	Pedal Rubber	Suspension Seat	Automatic Shift
	Electro-hydraulic Reversing	Wide Field Mast(2 Stage)	Fork Positioner (160DT-A)	Sideshift & Positioner(160DT-B)	Combination Instrument
	Working Hour Meter	Oil Content Meter	Water-thermometer	Key Shutoff Device	Neutral Position Switch
	Power Master Switch	Tilt-adjustable Steering Column	High Level Exhaust	Rear Working Lamp	Warning Light
	Oil Pressure Warning	Electric Horn	Lifting/Tilting/Positioning joystick	Full-hydraulic Power Steering	Tilting Cylinder Latching Valve
	Transmission Oil Filter	Hydraulic Return Filter	Push-button Parking Brake	Traction Pin	Tool Box
Optional	A/C(12T/16T)	Rear Camera(16TA)	Heater	Front Windscreen	Torque Converter Oil Temperature Alarm(16A)
	Solid Tires	Overspeed Alarm,10km/h (Except 16T)	Electric Fan (16T standard configuration)	Oil Bath Air Filter(16T)	Sound-light Alarm
	Purification Muffler	Fire Extinguishing Muffler	Widen Fork Carriage	Lengthen Fork jacket	Tilting Cylinder Sleeve
	Steering Cylinder Sleeve	Custom Colors	Multiple Work Attachments		

Load Curve >>



Structure Diagram >>



LONGKING HOLDINGS LIMITED
LONGKING (SHANGHAI) FORKLIFT SALES CO., LTD.



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GROS



16-26t

LG series Internal Combustion
Counterbalance Forklift Truck

Good Heat Dissipation

Cooling system is reasonable optimized, which improves cooling performance significantly. Thus improving reliability and durability of key components such as gearbox and engine.

Lowering Energy Consumption

Optimized design of hydraulic system. Adopt domestic or foreign mature hydraulic parts, reduce fuel consumption.

Operating Comfort

Adopted interactive ergonomic design to improve operating comfort. Equipped with wide field of view mast to improve driver's field of view. Multiplex valve of 16T and 26T adopt pilot control. Mast has good final motion performance.

Intelligent Reversing

Electro-hydraulic Reversing System. Easy to operate and labor-saving. Intelligent shift system prevent the second gear starting, ensure reliability of gearbox.

Convenient Maintenance

Interior space of car body is more spacious. Parts Positions are more reasonable. ZF and DANA gearboxes adopt TCU control with fault diagnosis to simplify maintenance.

High Reliability

Strength of the core structural parts of car body, mast and hood has been enhanced greatly to make whole vehicle more solid.

Product details and advantages



Wide field of view mast improves the safety of stacking operations.



Strengthen the drive axle and adopt caliper disc driving brake, which has the characteristics of strong load-bearing capacity and reliable braking.



Advanced ergonomic design, ample left space. Easy to operate and reduce fatigue.



Adopt suction machine engineering design to effectively improve suction comfort.

Overall Specifications

LG Series 16-26t

Character					
1.01	Manufacturer		LONKING		
1.02	Model		LG1600T(A)	LG1600T(B)	LG260DT
1.03	Power type		Diesel		
1.04	Rated capacity	Q	kg	16000	16000
1.05	Load center	J	mm	900	1200
Dimension					
2.01	Max. height (with backrest)		mm	5400	5685
2.02	STD Max lifting height	H1	mm	3500	4000
2.03	Overhead guard height	H4	mm	3566	3262
2.04	Overall length (with fork)	L	mm	7380	7870
2.05	Wheelbase	L1	mm	3800	3750
2.06	Front overhang	L2	mm	918	925
2.07	Rear overhang	L3	mm	842	795
2.08	Min ground clearance (Frame/Mast)	m1/m2	mm	358/330	280/250
2.09	Overall width (outside)	W1	mm	2752	2560
2.10	Adjusting range of fork (outside)		mm	610-2194	712-2340
2.11	Fork size(STD)		mm	1820x220x100	2400x250x100
2.12	Front wheel tread	S	mm	1895	1878
2.13	Rear wheel tread	P	mm	2120	2120
2.14	Min turning radius(outside)	r	mm	5300	5175
2.15	Min aisle width for pallet 1000x1200, crossways		mm	8288	8700
2.16	Min aisle width for pallet 800x1200, lengthways		mm	8288	8700
Tire					
3.01	wheels NO. (F/R, X=Driven wheels)			X=4/2	
3.02	Tires type(F/R)			Pneumatic	
3.03	Tires size, front			12.00-24-20PR	14.00-24-28PR
3.04	Tires size, rear			12.00-24-20PR	14.00-24-28PR
Performance and other details					
4.01	Max. travelling speed, loaded/unloaded		km/h	22/27	28/30
4.02	Lifting speed, loaded/unloaded		mm/s	280/300	320/360
4.03	Lowering speed, loaded/unloaded		mm/s	360/340	360/310
4.04	Max. traction force(loaded)		KN	110	130
4.05	MAX. gradeability, loaded/unloaded		%	20	28/25
4.06	Service weight(with oil & water)		kg	23500	24000
4.07	Axle load, F/R(loaded)		kg	36500/3000	37200/2800
4.08	Axle load, F/R(unloaded)		kg	10500/13000	11700/12300
4.09	Service brake			Air over hydraulic brake - pedal	wet brake - pedal
4.10	Parking brake			Mechanical - hand brake lever	Hydraulic release - push button
4.11	Transmission type			Electrical gear box	DANA automatic gear box
4.12	Gear NO. (F/R)			2/1	3/3
4.13	Fuel tank capacity		L	300	250
4.14	Battery (voltage/capacity)		V/Ah	2x12/120	2x12/120

Engine Optional

LG Series 16-26t

Optional engines							
Engine model	Displacement	Manufacturer	Rated power	Max. torque(Nm/rpm)	Bore/cylinder No./displacement	Fuel consumption	Applicable model
YC6175-T302	CHN III	YUCHAI	129kW/2200rpm	710/1400-1700	105/6/6.494	230kg/kw.h	LG1600T(A)
WP6G190E330	CHN III	WEICHAI	140kW/2200rpm	760/1400-1600	105/6/6.75	225kg/kw.h	LG1600T(A)
QSB6.7-C190	欧III A	CUMMINS	142kW/2300rpm	930/1500	107/6/6.702	230kg/kw.h	LG1600T(B)
WP10HG240E471A	CHN IV	WEICHAI	178kW/2200rpm	1200/1400-1500	116/6/9.5	210kg/kw.h	CPCD2605W07

Mast Specifications

16T 2 Stage Standard Mast-Super Wide Field					
Mast Model	H2 Max Lifting Height (mm)	Load Capacity (j=900mm) (kg)	H1 Lowered Mast Height(mm)	H3 Free Lifting Height (mm)	Mast Tilting Angle (°)α/β
		LG160DTIII			
M300	3000	16000	3425	/	6/12
M330	3300		3575		
M350	3500		3675		
M370	3700		3775		
M400	4000		3925		
M450	4500	15500	4225	/	6/6
M500	5000	15000	4475		
M550	5500	14500	4755		
M600	6000	14000	5005	/	3/6
M650	6500	13500	5275		
M660	6600	13400	5325		
M700	7000	13000	5525	/	3/3
16T 2 Stage Standard Mast-Super Wide Field					
Mast Model	H2 Max Lifting Height (mm)	Load Capacity (j=1200mm) (kg)	H1 Lowered Mast Height(mm)	H3 Free Lifting Height (mm)	Mast Tilting Angle (°)α/β
		LG160DTSZIII			
M300	3000	16000	3185	/	5/10
M350	3500		3435		
M400	4000		3685		
M450	4500		3935		
M500	5000		4185		
M550	5500	15000	4435	/	3/6
M600	6000	14000	4685		
26T 2 Stage Standard Mast-Super Wide Field					
Mast Model	H2 Max Lifting Height (mm)	Load Capacity (j=1200mm) (kg)	H1 Lowered Mast Height(mm)	H3 Free Lifting Height (mm)	Mast Tilting Angle (°)α/β
		26T			
M350	3500	26000	3760	/	6/10
M400	4000		4010		
M450	4500		4260		
M500	5000		4510		
M550	5500		25000		
M600	6000	24000	5010	/	3/6