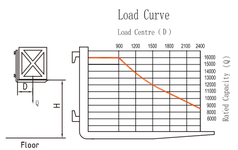
Configuration Option Sheet

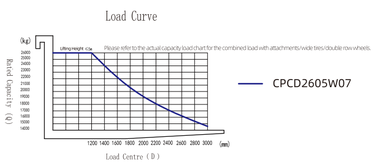
LG Series 16-26t

Configuration	Heater(26T)	Full suspension seat	Rubber pedal gasket	Transmission oil filter	Hydraulic oil rerurn filter
	Cabin(16T/26T)	Combination instrument	Hour meter	Oil capacity meter	Warning lamp
	Cold air conditioner (26T)	Lift,tilt,controllable joystick	Traction pin	Attached tools	Power master switch
	Adjustable tilting steering colomu	High level exhaust device	Rear working lamp	Water temperature meter	Whole vehile LED(26T)
	Full-hydraulic power steering	Tilt cylinder self-lock valve	Electro-hydraulic reversing	Wide view mast （two-stage）	Push button parking brake(16T-A)
	Torque converter oil temperature alarm(16T-	Sideshifter and fork positioner (160DT-B/26T)	Fork positioner(160DT-A)	Full Set OPS(Including drive and lift)(26T)	Automatic shifting (16T-B/26T)
Optional	Cold air conditioner (16T)	Rear view camera (16T-A)	Heater(16T)	Steering cylinder sheath	Solid tire
	Sound & light lamp	Purification muffler	Fire muffler(16T)	Widen fork carrier	Fork extended sleeve
	Speed Over than 10km/h alarm	Oil bath type duble air filter(16T)	Torque converter oil temperature alarm(16T-A)	Optional attchments	Tilt cylinder sheath
	Customized colour				

Load Curve



LG160DT(A)



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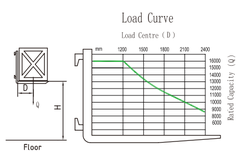
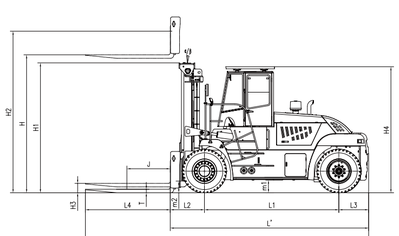


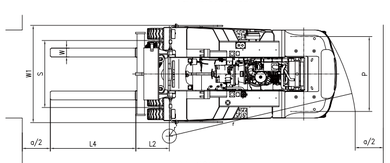
LG160DT(B)

Note: The vertical axis represents the rated lifting weight, and the horizontal axis represents the load center distance. The load center is calculated from the front of the fork, and the base point of the standard load refers to the center position of a cube with a load side length of 1000 mm. When the mast is tilted forward, non-standard forks are used, or loads exceeding the normal width are loaded, the load capacity will be reduced. Through the load curve chart, the carrying capacity of various load centers can be understood in time.

Structure Diagram



Ast : Right Angle Stacking Aisle Width
a : Clearance



LONKING

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OHSAS45001:2023 ISO14001:2015 ISO9001:2015 CE CETRIFICATE UKCA CETRIFICATE

LONKING

16-26t

LG series Internal Combustion Counterbalance Forklift Truck

Good Heat Dissipation

Cooling system is reasonable optimizaed, 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 gearboxs 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			LG160DT(A)	LG160DT(B)	CPCD2605W07
1.03	Power type			Diesel		
1.04	Rated capacity	Q	kg	16000	16000	26000
1.05	Load center	J	mm	900	1200	12000
	Dimension					
2.01	Max. height (with backrest)		mm	5400	5685	5955
2.02	STD Max lifing height	H1	mm	3500	4000	4000
2.03	Overhead guare height	H4	mm	3566	3262	3477
2.04	Overall length (with fork)	L	mm	7380	7870	8885
2.05	Wheelbase	L1	mm	3800	3750	4500
2.06	Front overhang	L2	mm	918	925	1095
2.07	Rear overhang	L3	mm	842	795	890
2.08	Min ground clearance (Frame/Mast)	m1/m2	mm	358/330	280/250	350/274
2.09	Overall width (outside)	W1	mm	2752	2560	3050
2.10	Adjusting range of fak (outside)		mm	610-2194	712-2340	900-2700
2.11	Fork size(STD)		mm	1820×220×100	2400×250×100	2400×250×110
2.12	Front wheel tread	S	mm	1895	1878	2198
2.13	Rear wheel tread	P	mm	2120	2120	2332
2.14	Min tuming radius(outside)	r	mm	5300	5175	6050
2.15	Min aisle wiathlerfor pallet 1000x1200,crossways		mm	8288	8700	9745
2.16	Min aisle width for pallet 800x1200.lengthways		mm	8288	8700	9745
	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	12.00-24-20PR	14.00-24-28PR
3.04	Tires size, rear			12.00-24-20PR	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	23/26
4.02	Lifting speed, loaded/unloaded		mm/s	280/300	320/360	280/300
4.03	Lowering speed,loaded/unloaded		mm/s	360/340	360/310	410/380
4.04	Max. traction force(loaded)		KN	110	130	200
4.05	MAX. gradeability,loaded/unloaded		%	20	28/25	25
4.06	Service weight(with oil & water)		kg	23500	24000	36300
4.07	Axle load, F/R(loaded)		kg	36500/3000	37200/2800	58800/3500
4.08	Axle load, F/R(unloaded)		kg	10500/13000	11700/12300	19200/17100
4.09	Service brake			Air over hysraulic 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 acutomatic gear box	Electrical gear box
4.12	Gear NO.(F/R)			2/1	3/3	2/1
4.13	Fuel tanke capacity		L	300	250	350
4.14	Battery (voltage/capacity)		V/Ah	2×12/120	2×12/120	2×12/150

Engine Optional

LG Series 16-26t

Optional engines

Engine model	Displacement	Manufacturer	Rated power	Max. torque(Nm/rpm)	Bore/cylinder No./displacement	Fuel concumprion	Applicable model
YC6J175-T302	CHN III	YUCHAI	129kW/2200rpm	710/1400-1700	105/6/6.494	230kg/kW.h	LG160DT(A)
WP6G190E330	CHN III	WEICHAI	140kW/2200rpm	760/1400-1600	105/6/6.75	225kg/kW.h	LG160DT(A)
QSB6.7-C190	欧IIIA	CUMMIUS	142kW/2300rpm	930/1500	107/6/6.702	230kg/kW.h	LG160DT(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		3/6
M600	6000	14000	5005		
M650	6500	13500	5275		3/3
M660	6600	13400	5325		
M700	7000	13000	5525		

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		5/6
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		6/6
M500	5000		4510		
M550	5500	25000	4760		3/6
M600	6000	24000	5010		