

5~10 ton Diesel

7L SERIES

5~10ton

CT POWER



WARRANTY: 12 MONTHS OR 1000 HOURS (OL) OF THE CLASSIS WHICHEVER COMES FIRST FROM THE B/L DATE



GLOBAL-POWER CO.,LTD.

TOYOTA TOYOTA INDUSTRIES GROUP
No.1 West First Xianggang Rd, Jiaoxi, Jiaozhou, Qingdao city, Shandong, China
Tel: +86-532-58573666 URL: www.c-tpower.com Email: export@tailift.com.cn

2025.03

CT POWER

Company profile



Welcome to GLOBAL-POWER CO.,LTD.

Tailift factory in Qingdao, China

ABOUT US

Tailift has been providing reliable and competitive material handling products for over 30 years. The origin of the Tailift Group dates back to 1973 in the machining tools industry in Taiwan.

The Tailift Group began designing and manufacturing forklifts in 1987 under the Tailift brand.

In 2001, the Tailift China factory with a registered English name, Global-Power Co., Ltd. was established, manufacturing and selling forklifts under the “Tailift” brand for the domestic Chinese market, and “CT Power” brand for the export market.

In 2015, the Tailift Group material handling division entered joint venture with TOYOTA Industries Corporation.

Tailift group has a unified R&D department between Taiwan and China and is one of the very few forklift manufacturers in China to design, patent and manufacture our own forklift transmission, offering performance, reliability and technical advantages over the competition. With an annual production capacity of 30,000 units, GLOBAL-POWER Co., LTD. (Tailift China division) has obtained CE and ISO 9001 certifications and has obtained good global reputation.

Our History

1973 President Steve Lin founded Lin-Da Industry (machinery) in Taiwan

1987 Enter material handling equipment industry and set up Tailift brand introduces 7L forklifts

1993 Tailift introduces electric forklift and patents Tailift transmission

1999 Tailift Group enters China Market

2001 Global-Power Co., Ltd. is established in Qingdao City

2003 Global-Power Co., Ltd. announces 7L electric forklifts

2013 Global-Power Co., Ltd. announces H series IC products and class 3 products

2015 Tailift Group material handling division and Toyota Industries Group enter joint venture

2020 New electric model 8L has been started, designed under the Toyota Industries ergonomic philosophy.

2022 New energy lithium-ion battery trucks based on engine model have been launched

2023 Tailift Group invested 132 million US dollars in building a new factory, which covers an area of 133,000 sqms and officially started production on March 1st, 2023.



North America
(Tailift Material Handling USA Inc.)
Sale Branch in Houston, TX (2008)



China
(Global-Power Co., Ltd.)
Factory in Qingdao, China (2001)



Taiwan
(Tailift Material Handling Taiwan Co., Ltd.)
Factory in Nantou, Taiwan (1996)

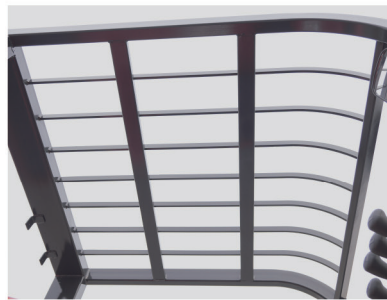


Qingdao Factory

Qingdao new factory, covers an area of 133,000 sqms, started from 2023



Eficient



► Overhead Guard

Strong and stable overhead guard protect the operator well.

Option



The comfortable seats, with the design of a back-rest equipped with armrests, make the drivers more comfortable and also ensure their safety.

► 7-Layer Durable Chain

The whole series adopts 7-layer chain, strong and durable ,high safety performance ,to ensure the safety of operation.



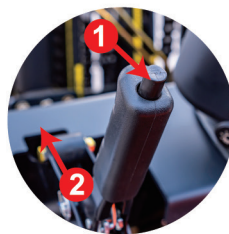
► Front Handrail

It is convenient for drivers to get in and out of the vehicle and ensures their safety.



► Double-acting Parking Brake

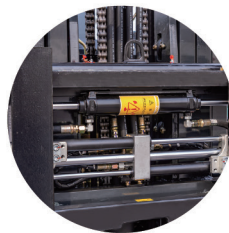
Prevent misoperation



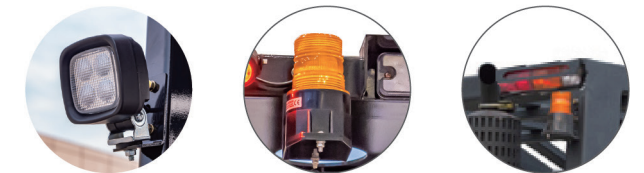
► Side Shifter And Fork Positioner

Equipped with a side shifter and fork positioner which easy to cargo stacking.

Option



► LED Headlights



► Safety Headlights

Option



Project a blue light ring in the area approximately 3 meters behind the forklift. This alerts pedestrians that a forklift is reversing ahead, preventing accidents.

Option



There are three red lights installed on left,right,rearside respectively, which can show the specific position and driving route of the forklift, and effectively prevent the occurrence of accidents.

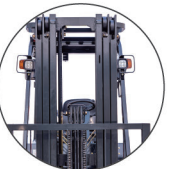
► Rear Handrail

The rear handrail is good to expand the field of view when backing up,which helps to drive safely.



► Wide-view Mast

The wide view frame gives the driver a good view and improves the safety of the operation.



► Small-diameter Adjustable Steering Wheel

Helps improve operability and reduce fatigue.Provide convenience and can customize to the operator's desired position.



► Stable dual-front-wheel design



Variation

	1	5.0 ton
	2	6.0 ton
	3	7.0 ton
	4	8.0 ton
	5	10 ton

Colour	Standard 	Option   
--------	--	--



Comfortable Seat



Red Safety Area Lights



Blue Safety Light



Side Shifter



Fork Positioner



Rear Handrail With Horn

STANDARD & OPTION

● standard ▲ option

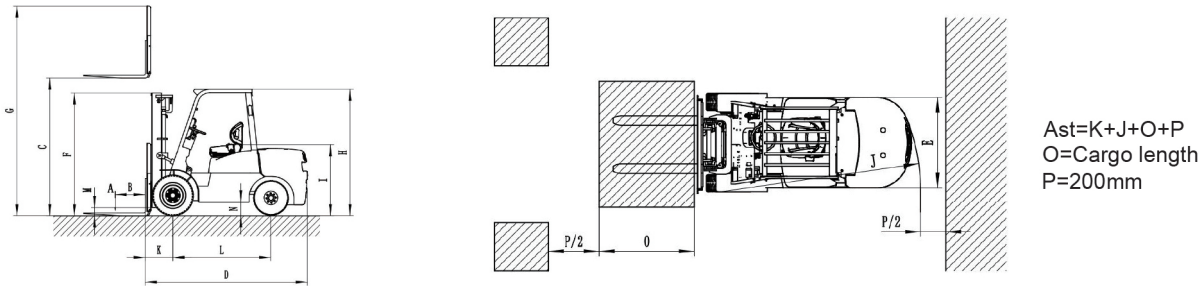
Capacity(kg)		5000	6000	7000	8000	10000
Model		FDL50	FD60	FD70	FD80	FD100
Engine	ISUZU 6BG1	●	●	●	●	●
	QUANCHAI S45	▲	▲	▲	▲	▲
Auto transmission		●	●	●	●	●
Mast	Duplex 3000mm	●	●	●	●	●
	Triplex 4500mm	▲	▲	▲	▲	▲
	Triplex 4800mm	▲	▲	▲	▲	▲
	Triplex 6000mm	▲	▲	▲	▲	▲
	Other height	▲	▲	▲	▲	▲
Control valve	2nd control valve	●	●	●	●	●
	3rd control valve	▲	▲	▲	▲	▲
	4th control valve	▲	▲	▲	▲	▲
	5th control valve	▲	▲	▲	▲	▲
Tire	Dual front Pneumatic	●	●	●	●	●
	Dual front Solid	▲	▲	▲	▲	▲
Seat	Standard seat	●	●	●	●	●
	Deluxe seat	▲	▲	▲	▲	▲
Forks	1220MM	●	●	●	/	/
	1370MM	▲	▲	▲	●	●
	1520MM	▲	▲	▲	▲	▲
	1820MM	▲	▲	▲	▲	▲
	Other lenght	▲	▲	▲	▲	▲
Multifunctional instrument		●	●	●	●	●
Maintenance-free battery		●	●	●	●	●
Front /rear LED lights		●	●	●	●	●
Reverse buzzer		●	●	●	●	●
Flashing warning light		●	●	●	●	●
Rearview mirror		●	●	●	●	●
Radiator	Aluminum	▲	▲	▲	▲	▲
	Copper	●	●	●	●	●
Single air filter		●	●	●	●	●
Up-down handrail		●	●	●	●	●
Uni-body frame		●	●	●	●	●
Full hydraulic power steering		●	●	●	●	●
Lowing intelligence buffer		●	●	●	●	●
Tool kit		●	●	●	●	●
Blue warning light		▲	▲	▲	▲	▲
Red safety spotlights		▲	▲	▲	▲	▲
Wider fork carrier		▲	▲	▲	▲	▲
Wider / higher backrest		▲	▲	▲	▲	▲
Attachment	Fork positioner	▲	▲	▲	▲	▲
	Side shifter	▲	▲	▲	▲	▲
	Hinged forks	▲	▲	▲	▲	▲
	Paper roll clamp	▲	▲	▲	▲	▲
	Bale clamp	▲	▲	▲	▲	▲
	Others	▲	▲	▲	▲	▲
Dual air filter		▲	▲	▲	▲	▲
Front wind shield		▲	▲	▲	▲	▲
Up wind shield		▲	▲	▲	▲	▲
Back wind shield		▲	▲	▲	▲	▲
Air conditioner		▲	▲	▲	▲	▲
Heater		▲	▲	▲	▲	▲
Fan		▲	▲	▲	▲	▲
Cabin		▲	▲	▲	▲	▲
Others(Please consult your exclusive salesperson)						

*When selecting multiple options, it may not be possible to assemble them at the same time, please contact your local dealer for details.

SPECIFICATION

						FDL50	FD60	FD70	FD80	FD100
CHARACT-ERISTICS	1	Manufacturer(Brand)				CT-Power	CT-Power	CT-Power	CT-Power	CT-Power
	2	Series				7L	7L	7L	7L	7L
	3	Model				FDL50	FD60	FD70	FD80	FD100
	4	Load capacity	A	Weight	kg	5000	6000	7000	8000	10000
	5	Load center	B	Distance	mm	600	600	600	600	600
	6	Power		Internal Combustion/Battery		Diesel	Diesel	Diesel	Diesel	Diesel
	7	Operation		Stand on/Sit		Sit	Sit	Sit	Sit	Sit
	8	Tire		P=Pneumatic S=Solid	F/R	P/P	P/P	P/P	P/P	P/P
	9	Wheels(X:Driving wheel)		Number	F/R	4X/2	4X/2	4X/2	4X/2	4X/2
DIMEN-SIONS	10	Duplex mast	C	Standard lifting height	mm	3000	3000	3000	3000	3000
	11	Standard forks		Thickness(s) * width(e) * length(l)	mm	60×150×1220	65×150×1220	65×150×1220	75×150×1370	85×175×1370
	12	Tilting angle		Front/Rear	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
	13	Overall dimensions	D	Fork to back of counterweight	mm	3648	3648	3695	4065	4325
	14		E	Overall width	mm	2040	2040	2040	2060	2170
	15		F	Lowered mast height	mm	2500	2500	2625	2697	2845
	16		G	Max. height	mm	4390	4390	4390	4385	4300
	17		H	Overhead guard height	mm	2450	2450	2450	2545	2585
	18		I	Seat height	mm	1350	1350	1350	1480	1525
	19	Turning radius	J		mm	3590	3590	3635	3800	4100
	20	Front overhang	K	Center of front axle to forks	mm	595	595	600	695	725
PERFOR-MANCE	21	Speed	Driving	Full load	km/h	23	23	23	21	26
				Without load	km/h	26	26	26	26	30
	22		Lifting	Full load	mm/s	500	500	460	460	380
				Without load	mm/s	550	550	550	550	410
	23		Lowering	Full load	mm/s	≤600				
				Without load	mm/s	≥300				
	24	Traction		Full load	N	54000	54000	54000	54000	54000
WEIGHT	25	Max.gradeability		Full load	%	33	33	33	33	24
				Without load	%	26	26	26	26	21
BODY	26	Standard weight			kg	8300	8800	9300	10600	12800
	27	Tires		Number(front/rear)		4X/2	4X/2	4X/2	4X/2	4X/2
	28			Front tires		8.25-15-14P.R.	8.25-15-14P.R.	8.25-15-14P.R.	8.25-20-14P.R.	9.00-20-14P.R.
	29			Rear tires		8.25-15-14P.R.	8.25-15-14P.R.	8.25-15-14P.R.	9.00-16-14P.R.	9.00-20-14P.R.
	30	Wheelbase	L		mm	2250	2250	2250	2600	2800
	31	Tread	Wheel distance	Front	mm	1475	1475	1475	1530	1600
				Rear	mm	1730	1730	1730	1700	1700
	32	Ground Clearance	M	Full load Min.	mm	185	185	175	230	205
	33		N	Full load wheel base center	mm	235	235	225	240	270
DRIVING	34	Brake		Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	35			Parking brake		Manual	Manual	Manual	Manual	Manual
	36	Battery		Voltage	V	2*12	2*12	2*12	2*12	2*12
	37			Capacity	AH/20HR	80	80	80	80	80
	38			Battery box size	mm	305Lx173Wx225H	305Lx173Wx225H	305Lx173Wx225H	305Lx173Wx225H	305Lx173Wx225H
	39			Weight	kg	22	22	22	22	22
	40	Engine		Brand		ISUZU	ISUZU	ISUZU	ISUZU	ISUZU
	41			Type		6BG1	6BG1	6BG1	6BG1	6BG1
	42			Rated Revolutions Per Minute	rpm	2000	2000	2000	2000	2000
	43			Rated power	Kw	82	82	82	82	82
	44			Cylinder/exhaust	No./CC	6/6494	6/6494	6/6494	6/6494	6/6494
	45			Fuel consumption	g/kw.h	232	232	232	232	232
	46	Gearbox		Class		AUTO	AUTO	AUTO	AUTO	AUTO

*Specification are subject to improvements&changes by Global-Power Co.,Ltd. without advanced notice.



LOAD CAPACITY-FD L50

STAND WITHOUT SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD L50			WITH SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD L50		
				LOAD CAPACITY(KG)							LOAD CAPACITY(KG)		
				600	900	1200					600	900	1200
TIRE	SINGLE TYPE	TWO STAGE	3000	5000	4000	3330	TIRE	SINGLE TYPE	TWO STAGE	3000	4514	3610	3000
			3300	5000	4000	3330				3300	4514	3610	3000
			3500	5000	4000	3330				3500	4514	3610	3000
			3700	5000	4000	3330				3700	4514	3610	3000
			4000	5000	4000	3330				4000	4514	3610	3000
			4500	5000	4000	3330				4500	4514	3610	3000
			5000	5000	4000	3330				5000	4514	3610	3000
			5500	4750	3800	3160				5500	3855	3080	2570
		TWO STAGE (FFL)	6000	4400	3520	2930			TWO STAGE (FFL)	6000	3573	2860	2380
			3000	5000	4000	3330				3000	4514	3610	3000
			3300	5000	4000	3330				3300	4514	3610	3000
			3500	5000	4000	3330				3500	4514	3610	3000
			3700	5000	4000	3330				3700	4514	3610	3000
			4000	5000	4000	3330				4000	4514	3610	3000
			4500	4300	3440	2860				4500	3855	3080	2570
			4800	4200	3360	2800				4800	3750	3000	2500
		THREE STAGE	5000	4100	3280	2730			THREE STAGE	5000	3573	2860	2380
			5500	3000	2400	2000				5500	2631	2100	1750
			6000	2400	1920	1600				6000	2066	1650	1380

LOAD CAPACITY-FD 60

STAND WITHOUT SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 60		WITH SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 60			
				LOAD CAPACITY(KG)						LOAD CAPACITY(KG)			
				600	900					600	900		
TIRE	SINGLE TYPE	TWO STAGE	3000	6000	4800	3990	TIRE	SINGLE TYPE	TWO STAGE	3000	5430	4340	3610
			3300	6000	4800	3990				3300	5430	4340	3610
			3500	6000	4800	3990				3500	5430	4340	3610
			3700	6000	4800	3990				3700	5430	4340	3610
			4000	6000	4800	3990				4000	5430	4340	3610
			4500	6000	4800	3990				4500	5430	4340	3610
			5000	6000	4800	3990				5000	5430	4340	3610
			5500	5700	4560	3790				5500	5151	4120	3430
			6000	5400	4320	3590				6000	4872	3890	3240
		TWO STAGE (FFL)	3000	6000	4800	3990			TWO STAGE (FFL)	3000	5430	4340	3610
			3300	6000	4800	3990				3300	5430	4340	3610
			3500	6000	4800	3990				3500	5430	4340	3610
			3750	6000	4800	3990				3750	5430	4340	3610
			4000	6000	4800	3990				4000	5430	4340	3610
			4250	6000	4800	3990				4250	5430	4340	3610
			4500	6000	4800	3990				4500	5430	4340	3610
			4750	6000	4800	3990				4750	5430	4340	3610
			5000	6000	4800	3990				5000	5430	4340	3610
		THREE STAGE	5500	5700	4560	3790			THREE STAGE	5500	5151	4120	3430
			6000	5400	4320	3590				6000	4872	3890	3240
			4350	5600	4480	3730				4350	5058	4040	3370
			4500	5600	4480	3730				4500	5058	4040	3370
			4800	5600	4480	3730				4800	5058	4040	3370
			4700	5600	4480	3730				4700	5058	4040	3370
			5000	5600	4480	3730				5000	5058	4040	3370
			5400	5300	4240	3530				5400	4779	3820	3180
			6000	5000	4000	3330				6000	4500	3600	2990

LOAD CAPACITY-FD 70

STAND WITHOUT SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 70			WITH SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 70		
				LOAD CAPACITY(KG)							LOAD CAPACITY(KG)		
			600	900	1200					600	900	1200	
TIRE	SINGLE TYPE	TWO STAGE	3000	7000	5590	4660	TIRE	SINGLE TYPE	TWO STAGE	3000	6360	5080	4230
			3300	7000	5590	4660				3300	6360	5080	4230
			3500	7000	5590	4660				3500	6360	5080	4230
			3700	7000	5590	4660				3700	6360	5080	4230
			4000	7000	5590	4660				4000	6360	5080	4230
			4500	7000	5590	4660				4500	6360	5080	4230
			5000	7000	5590	4660				5000	6360	5080	4230
			5500	6600	5270	4390				5500	5988	4790	3990
			6000	6400	5110	4260				6000	5802	4640	3860
		TWO STAGE (FFL)	3000	7000	5590	4660			TWO STAGE (FFL)	3000	6360	5080	4230
			3300	7000	5590	4660				3300	6360	5080	4230
			3500	7000	5590	4660				3500	6360	5080	4230
			3750	7000	5590	4660				3750	6360	5080	4230
			4000	7000	5590	4660				4000	6360	5080	4230
			4250	7000	5590	4660				4250	6360	5080	4230
			4500	7000	5590	4660				4500	6360	5080	4230
			4750	7000	5590	4660				4750	6360	5080	4230
			5000	7000	5590	4660				5000	6360	5080	4230
			5500	6600	5270	4390				5500	5988	4790	3990
			6000	6400	5110	4260				6000	5802	4640	3860
		THREE STAGE	4350	6500	5190	4330			THREE STAGE	4350	5895	4710	3920
			4500	6500	5190	4330				4500	5895	4710	3920
			4800	6500	5190	4330				4800	5895	4710	3920
			4700	6500	5190	4330				4700	5895	4710	3920
			5000	6500	5190	4330				5000	5895	4710	3920
			5400	6200	4960	4130				5400	5616	4490	3740
			6000	5800	4640	3860				6000	5244	4190	3490

LOAD CAPACITY-FD 80

STAND WITHOUT SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 80			WITH SIDESHIFT		MAST TYPE	MAST HEIGHT (MM)	FD 80		
				LOAD CAPACITY(KG)							LOAD CAPACITY(KG)		
				600	900	1200					600	900	1200
TIRE	DUAL FRONT TYPE	TWO STAGE	3000	8000	6520	5500	TIRE	DUAL FRONT TYPE	TWO STAGE	3000	7290	5940	5010
			3300	8000	6520	5500				3300	7290	5940	5010
			3500	8000	6520	5500				3500	7290	5940	5010
			3750	8000	6520	5500				3750	7290	5940	5010
			4000	8000	6520	5500				4000	7290	5940	5010
			4250	8000	6520	5500				4250	7290	5940	5010
			4500	7750	6310	5330				4500	7290	5940	5010
			4750	7750	6310	5330				4750	7058	5750	4850
			5000	7400	6030	5090				5000	7058	5750	4850
			5500	7000	5700	4810				5500	6732	5490	4630
		6000	7000	5700	4810	6000			6360	5180	4370		
		THREE STAGE	4350	8000	6520	5500			4350	7650	6230	5260	
			4500	8000	6520	5500			4500	7650	6230	5260	
			4800	7500	6110	5160			4800	7180	5850	4940	
			4700	6500	5300	4470			4700	5895	4800	4050	
			5000	7500	6110	5160			5000	7180	5850	4940	
			5400	7000	5700	4810			5400	6700	5460	4610	
			6000	6000	4890	4130			6000	5750	4690	3950	