

TRUCK SPECIFICATIONS

9L PLUS II SERIES I.8-3.6 TONNES		PFD18	PFG18	PFD20	PFG20	PFD25	PFG25	PFD30	PFG30	PFD35	PFG35	PFD36	PFG36
CHARACTERISTICS													
Drive Power Type	Q Electric, Diesel, Gasoline, LPG	Diesel	Gasoline/ LPG	Diesel	Gasoline/ LPG	Diesel	Gasoline/ LPG	Diesel	Gasoline/ LPG	Diesel	Gasoline/ LPG	Diesel	Gasoline/ LPG
Operator Type	Q Pedestrian, Standing, Seated	Seated		Seated		Seated		Seated		Seated		Seated	
Load Capacity	3000mm Duplex Mast w/o Sideshift	kgs	1800	2000	2500	3000	3500	3750					
Load Center	Distance	mm	500	500	500	500	500	500					
Load Distance	From Center of Front Axle to Fork	mm	430	500	500	510-515	515	515					
Wheelbase	Distance	mm	1370	1550	1550	1650	1850	1850					
TIRES/CHASSIS													
Tire Type	P=Air Pneumatic, S=Solid Pneumatic, C=Cushion	F/R	P / P	P / P	P / P	P / P	P / P	P / P					
Wheels	Number (X=Driven Wheels)	F/R	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2					
Tire Size	Front		6.50-10-10 P.R.	7.00-12-12 P.R.	7.00-12-12 P.R.	8.15-15-14 P.R.	8.15-15-14 P.R.	8.15-15-14 P.R.					
	Rear		5.00-8-8 P.R.	6.00-9-10 P.R.	6.00-9-10 P.R.	6.50-10-10 P.R.	6.50-10-10 P.R.	6.50-10-10 P.R.					
Tread	Center Of Tires, Front	mm	900	970	970	1055	1055	1055					
	Center Of Tires, Rear	mm	925	985	985	985	985	985					
Service Brake	Control/Operation Method		Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic					
Parking Brake	Control/Operation Method		Hand/Mechanic	Hand/Mechanic	Hand/Mechanic	Hand/Mechanic	Hand/Mechanic	Hand/Mechanic					
Service Weight	Standard	kgs	3000-3120	3556-3701	3728-3915	4249-4374	4393-4551	4582-4836					
Axle Loading, Loaded	Front / Rear	kgs	3000-3120/ 4204-4282	4606-4847/ 820-950	5468-5598/ 752-817	6408-6535/ 820-873	7046-7163/ 847-888	7572-7622/ 696-850					
	Front / Rear	kgs	1182-1250/ 1818-1900	1316-1557/ 2110-2240	1355-1485/ 2365-2430	1572-1699/ 2656-2709	1625-1743/ 2768-2808	1695-1795/ 2887-3041					
DIMENSIONS													
2-Stage Mast	h3 Maximum Lift Height (Forks)	mm	3000	3000	3000	3000	3000	3000					
	h2 Full Free Lift w/ LBR	mm	0	0	0	0	0	0					
Mast Tilting Range	Forward(a)/Backward(β)	deg.	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°					
	L2 Length to Face of Forks	mm	2285	2600	2600	2755-2760	2885	2885					
Overall Dimensions	B Overall Width	mm	1065	1152	1152	1271	1271	1271					
	h1 Height, Mast Lowered	mm	2008	2000-2005	2000-2005	2000-2029	2000-2029	2000-2029					
	h4 Height, Mast Extended (w/ LBR)	mm	4220	4220	4220	4220	4220	4220					
	h6 Height of Overhead Guard	mm	2120	2130	2130	2170	2170	2170					
	h7 Seat Height	mm	1110	1130	1130	1140	1140	1140					
	h8 Height of Load Backrest	mm	1220	1220	1220	1220	1220	1220					
	b3 Carriage Width	mm	920	1024	1024	1150	1150	1150					
Forks (Standard)	Thickness(s)×Width(e)×Length(l)	mm	35x100x1070	40x122x1070	40x122x1070	45x122x1070	50x122x1070	50x122x1070					
Turning Radius	R Minimum From Outermost Edge	mm	2100	2230	2230	2400	2600	2600					
	for Pallets 800×1200 Crossways	mm	3530	3730	3730	3910-3915	4115	4115					
Aisle Width	Ast for Pallets 1000×1200 Lengthways	mm	3730	3930	3930	4110-4115	4315	4315					
	for Pallets 1000×1200 Lengthways	mm	3730	3930	3930	4110-4115	4315	4315					
Ground Clearance	m1 At the Lowest Point, Loaded	mm	120	120	120	120	120	120					
	m2 Center of Wheelbase, Loaded	mm	180	195	195	220	220	220					

POWERTRAIN		PFD18/20/25	PFD25/ 30/35/36	PFD18/20/ 25/30/35/36	PFG30/35/36	PFG18/ 20/25/30	PFG18/ 20/25/30	PFG18/20/ 25/30/35/36
Battery	Type	65D26R	115D31R	EFB-130D31L	65D26R	65D26R	65D26R	115D31R
	Voltage	12	12	12	12	12	12	12
	Capacity	Ah/5hr	52	64	85AH/20HR	52	52	64
	Battery Size (LxWxH)	mm	260L×173W×225H	306L×173W×225H	305L×173W×225H	260L×173W×225H	260L×173W×225H	305L×173W×202H
	Weight	kgs	17	23	22	17.4	17	23
Combustion Engine	Manufacturer	ISUZU	ISUZU	KUBOTA	GCT	TOYOTA	TOYOTA	KUBOTA
	Model	C240	4JG2	V2403-CR-E5	GK25	4Y-M (GAS)	4Y-M (LPG)	WG2503-L-E3
	Engine Type	DIESEL	DIESEL	DIESEL	GASOLINE	GASOLINE	GASOLINE	LPG
	Emission Level	STAGE III	STAGE II	STAGE V	NON-EU	NON-EU	NON-EU	STAGE V
	Rated Output (Horsepower)	kW	35	45	43	37.4	33	46
	Rated Speed	rpm	2500	2450	2400	2300	2200	2700
	Number of Cylinders / Displacement	No./c.c.	4/2369	4/3059	4/2434	4/2488	4/2237	4/2491
Transmission	Fuel Consumption	g/kWh	292@2500	265@2450	239@2400	290@2300	245@2200	273.1@2700
	Type	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
Transmission	Number of Speeds (Forward/Reverse)	1/1	1/1	1/1	1/1	1/1	1/1	1/1

* The specifications, values, and technical data are based on standard equipment under typical operating conditions, but may vary due to different configurations, which all information is subject to change without prior notice. The Gasoline Engine can be equipped with a fuel converter and use LPG as a power source.



TAIWAN

Tailift Material Handling Taiwan CO., LTD.

Headquarters

No. 5, Zili 1st Rd., Nankang Industrial Zone,
Nantou City, Nantou County 540, Taiwan (ROC)

T E L : (+886)-49-2263800

F A X : (+886)-49-2252919

https://www.tailift.com/

E-MAIL : insales@tailift.com.tw



COUNTERBALANCED TRUCK
9L PLUS II
SERIES
I.8-3.6 TONNES
PNEUMATIC

MAST SPECIFICATIONS

Mast Type	Mast Height (Max. Fork Height)		Fully Lowered Height		Fully Extended Height				Free Lift				Single Tires w/ Sideshift		Load Capacity	
					Without STD Load Backrest		With STD Load Backrest		Without STD Load Backrest		With STD Load Backrest					
	deg.	deg.	kgs	lbs												
					FWD	BWD	500 mm	20 in								
PFD18 / PFG18																
2 Stage	3300	130	2208	86.9	4019	158.2	4520	178.0	0	0.0	0	0.0	6	12	1700	3745
	4000	158	2558	100.7	4719	185.8	5220	205.5	0	0.0	0	0.0	6	6	1650	3635
2 Stage (FFL)	3300	130	2208	86.9	3844	151.3	4520	178.0	1395	54.9	895	35.2	6	12	1700	3745
3 Stage (FFL)	4500	177	2118	83.4	5209	205.1	5710	224.8	1325	52.2	825	32.5	6	6	1500	3305
	4800	189	2218	87.3	5539	218.1	6040	237.8	1425	56.1	925	36.4	6	6	1500	3305
PFD20 / PFG20																
2 Stage	3300	130	2205	86.8	4019	158.2	4520	178.0	0	0.0	0	0.0	6	12	1950	4300
	4000	158	2555	100.6	4719	185.8	5220	205.5	0	0.0	0	0.0	6	6	1950	4300
2 Stage (FFL)	3300	130	2205	86.8	3842	151.3	4520	178.0	1080	42.5	945	37.2	6	12	1950	4300
3 Stage (FFL)	4500	177	2115	83.2	5032	198.1	5710	224.8	1138	44.8	845	33.3	6	6	1850	4080
	4800	189	2215	87.2	5362	211.1	6040	237.8	1238	48.7	945	37.2	6	6	1750	3855
5000	197	2265	89.2	5490	216.1	6168	242.8	1280	50.4	995	39.2	6	6	1650	3635	
PFD25 / PFG25																
2 Stage	3300	130	2205	86.8	4019	158.2	4520	178.0	0	0.0	0	0.0	6	12	2400	5290
	4000	158	2555	100.6	4719	185.8	5220	205.5	0	0.0	0	0.0	6	6	2350	5180
2 Stage (FFL)	3300	130	2205	86.8	3844	151.3	4520	178.0	1080	42.5	945	37.2	6	12	2400	5290
3 Stage (FFL)	4500	177	2115	83.3	5034	198.2	5710	224.8	1138	44.8	845	33.3	6	6	2200	4850
	4800	189	2215	87.2	5364	211.2	6040	237.8	1238	48.7	945	37.2	6	6	2150	4740
5000	197	2265	89.2	5492	216.2	6168	242.8	1280	50.4	995	39.2	6	6	2050	4520	
PFD30 / PFG30																
2 Stage	3300	130	2229	87.8	4023	158.4	4520	178.0	0	0.0	0	0.0	6	12	2900	6390
	4000	158	2579	101.5	4723	185.9	5220	205.5	0	0.0	0	0.0	6	6	2900	6390
2 Stage (FFL)	3300	130	2229	87.8	3938	155.0	4520	178.0	1080	42.5	945	37.2	6	12	2900	6390
3 Stage (FFL)	4500	177	2139	84.2	5128	201.9	5710	224.8	1138	44.8	845	33.3	6	6	2650	5840
	4800	189	2239	88.1	5458	214.9	6040	237.8	1238	48.7	945	37.2	6	6	2600	5730
5000	197	2289	90.1	5586	219.9	6168	242.8	1280	50.4	995	39.2	6	6	2400	5290	
PFD35 / PFG35																
2 Stage	3300	130	2229	87.8	4023	158.4	4520	178.0	0	0.0	0	0.0	6	12	3300	7275
	4000	158	2579	101.5	4723	185.9	5220	205.5	0	0.0	0	0.0	6	6	3300	7275
2 Stage (FFL)	3300	130	2229	87.8	4023	158.4	4520	178.0	1080	42.5	945	37.2	6	12	3300	7275
3 Stage (FFL)	4500	177	2139	84.2	5213	205.2	5710	224.8	1138	44.8	845	33.3	6	6	3000	6615
	4800	189	2239	88.1	5543	218.2	6040	237.8	1238	48.7	945	37.2	6	6	2800	6170
5000	197	2289	90.1	5671	223.3	6168	242.8	1280	50.4	995	39.2	6	6	2700	5950	
PFD36 / PFG36 (for Heavy Duty)																
2 Stage	3300	130	2229	87.8	4023	158.4	4520	178.0	0	0.0	0	0.0	6	12	3710	8180
	4000	158	2579	101.5	4723	185.9	5220	205.5	0	0.0	0	0.0	6	6	3650	8145
2 Stage (FFL)	3300	130	2229	87.8	3938	155.0	4520	178.0	1080	42.5	945	37.2	6	12	3710	8180
3 Stage (FFL)	4500	177	2139	84.2	5128	201.9	5710	224.8	1138	44.8	845	33.3	6	6	3400	7495
	4800	189	2239	88.1	5458	214.9	6040	237.8	1238	48.7	945	37.2	6	6	3300	7227

* Continuing improvement may lead to the changes in the specifications.

FEATURES

9L PLUS II SERIES 1.8-3.6 TONNES

Better Than Ever

Tailift's best-selling forklifts are praised for their durability and reliability, designed to handle various terrains and heavy loads. Enhanced ergonomics and operator space offer an unmatched user experience. Upgrades include energy-saving LED lighting, eco-friendly engines, and an advanced transmission system. 9L Plus II series supports the options from 1,800 to 3,600 kgs loads, ideal for diverse working environments.

Compliant with Global Emission Standards

Tailift forklifts are equipped with Kubota engines, meeting USA EPA Tier 4 standards and EU STAGE V standards and this advanced technology effectively reduces carbon emissions while boosting performance, exceeding expectations in both power and sustainability. We also offer ISUZU, GCT, and TOYOTA engines to meet the market demands in Asia, Oceania, Africa, and Latin America.



HEAVY-DUTY CHASSIS

Durability is ensured with our no-bolt design. Our chassis were built with safety in mind, these integral heavy-duty chassis give the driver more protection from falling loads.



EASY MAINTENANCE

- Open hood space increased! Enlarged, 80-degree angle, maintenance space makes service more accessible than ever.
- Durable and heat-resistant iron engine hood, able to withstand 990 lbs.
- LPG tank brackets, designed to make propane change-outs quick and easy.
- Integrated engine hood latches are durable and easily opened.
- Compact fuse boxes for easy and quick inspections.
- Easy to change the air filter.



CLEAR VISIBILITY

- Slotted Overhead Guard
- High Visibility Mast
- Open Rear Visibility
- Lowered Lift Cylinder



KUBOTA ENGINE

High-performance Z-Series internal components provide operators with reliable lifting power.



LED LIGHTS

These power-efficient and sleek new LED lights last longer and are brighter than our previous designs!



SUSPENSION SEAT

High-efficiency shock absorbers and seat belts, ergonomically designed to relieve the pressure from the back & arm, and double-sided armrests provide additional support to enhance the operation comfort.



NON-SLIP ENTRY STEP

Increased foot space and non-slip grip make it safer to get on and off the forklift.



ADJUSTABLE STEERING WHEEL COLUMN

Easily tilted and adjusted to provide an ideal operating position and increased comfort !



HIDDEN TILT CYLINDER

To reduce scraping, enlarge access space, and improve design, tilt cylinders are internally stored.



LCD INSTRUMENT PANEL

Large and easy to read, this instrument panel is in the optimal position for legibility. The display has multiple indicators to keep the operator informed on the forklift's functions.



REAR ASSIST GRIP WITH HORN BUTTON

Rear grip handles are equipped with a horn button for easy access while traveling in reverse. NOW on all-new 9L PLUS II Series forklifts !