



**IC COUNTERBALANCE
TRUCK**



**3600~
8000 lbs
PNEUMATIC**

Tailift



TOYOTA INDUSTRIES GROUP

TRUCK SPECIFICATIONS

SERIES 3600~8000 lbs

PFG18

PFD25

PFG25

PFD30

PFG30

PFD36

PFG36

CHARACTERISTICS

Capacity	Q	130" Duplex	lbs	3600	5000		6000		7810	
		189" Triplex	lbs	3260	4620		5550		6380	
Load Center	C	Distance	in	24	24		24		24	
Power Type		Diesel, LPG		LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG
Operation Type				Sit	Sit		Sit		Sit	
Tire Type		P=Pneumatic, S=Solid	F/R	S / S	S / S		S / S		S / S	

DIMENSIONS

Lift At 3-Stage Mast	h3	Lift	in	189	189		189		189	
	h5	Full Free Lift (Triplex 189")	in	36.4	37.2		37.2		37.2	
Load Bracket	h8	Height Of Load Bracket	in	48	48		48		48	
Fork Size		Thickness(s)xWidth(e)xLength(l)	in	1.4 x 3.9 x 42	1.6 x 4.8 x 42		1.8 x 4.8 x 42		2.0 x 4.8 x 42	
Mast Tilting Angle		Forward(α)/Back(β)	deg	6° / 6°	6° / 6°		6° / 6°		6° / 6°	
Overall Dimensions	L2	Length To Face Of Forks	in	94.3	104.7		112.2		116.1	
	B	Total Width/Dual	in	42 / 0	45.4 / 61.6		50 / 66.2		50 / 66.2	
	h1	Mast Height Lowered	in	87.3	87.3		88.1		88.1	
	h4	Mast Height Extended	in	237.8	237.8		237.8		237.8	
	h6	Overhead Guard Height	in	83.5	85		85		85.6	
	h7	Seat Height	in	43.7	44.5		44.9		44.9	
Turning Radius	R		in	82.7	87.8		94.6		102.4	
Load Distance	X	From Center Of Front Axle	in	21.2	22		22.4		22.6	
Aisle Width	Ast	For Load 800x1200 / 1000x1200	in	143.3 / 151.1	149.2 / 157		156.2 / 164.2		164.4 / 172.2	
Service Weight			lbs	7798 / 7842	9332 / 8991		11090 / 10130		11277 / 10885	

CHASSIS

Tire Size		Wheels (X: driven)	F/R	2X / 2	2X / 2		2X / 2		2X / 2	
		Front		6.50-10-10P.R.	7.00-12-12P.R.		8.15-15-14P.R.		8.15-15-14P.R.	
		Rear		5.00-8-8P.R.	6.00-9-10P.R.		6.50-10-10P.R.		6.50-10-10P.R.	
Wheelbase	Y		in	54	61		65		73	
Tread		Center Of Tires Front Std (Dual)	in	35.4	38.2 (52.95)		41.5 (57.4)		41.5 (57.4)	
		Center Of Tires Rear	in	36.4	38.8		38.8		38.8	
Ground Clearance	m1	At Lowest Point	in	4.7	4.7		4.7		4.7	
	m2	Center Of Wheelbase	in	7.1	7.7		8.7		8.7	
Service Brake		Operation/Control		Hydraulic	Hydraulic		Hydraulic		Hydraulic	
Parking Brake		Operation/Control		Hand	Hand		Hand		Hand	

POWER

Battery		Type		115D31R	EFB-130D31L	115D31R	EFB-130D31L	115D31R	EFB-130D31L	115D31R
		Voltage	V	12	12		12		12	
		Capacity	Ah/5hr	64	85Ah/20hr	64	85Ah/20hr	64	85Ah/20hr	64
		Dimension (LxWxH)	in	12 x 6.8 x 8.9	12 x 6.8 x 8.9		12 x 6.8 x 8.9		12 x 6.8 x 8.9	
		Weight	lbs	49.8	48.4	49.8	48.4	49.8	48.4	49.8
Engine		Manufacturer		KUBOTA	KUBOTA		KUBOTA		KUBOTA	
		Model		WG2503-L-E3	V2403-CR	WG2503-L-E3	V2403-CR	WG2503-L-E3	V2403-CR	WG2503-L-E3
		Rated Speed	rpm	2700	2400	2700	2400	2700	2400	2700
		Rated Output	hp	62	58	62	58	62	58	62
		Cylinders No. /Displacement	No./L	4 / 2.491	4 / 2.434	4 / 2.491	4 / 2.434	4 / 2.491	4 / 2.434	4 / 2.491
		Fuel Consumption	g/kW.h	273.1@2700	239@2400	273.1@2700	239@2400	273.1@2700	239@2400	273.1@2700
Transmission		Type		Powershift	Powershift		Powershift		Powershift	
		Stage Fwd./Rev.	no.	1 / 1	1 / 1		1 / 1		1 / 1	
Service Pressure			kgf/cm ²	185	185		185		185	

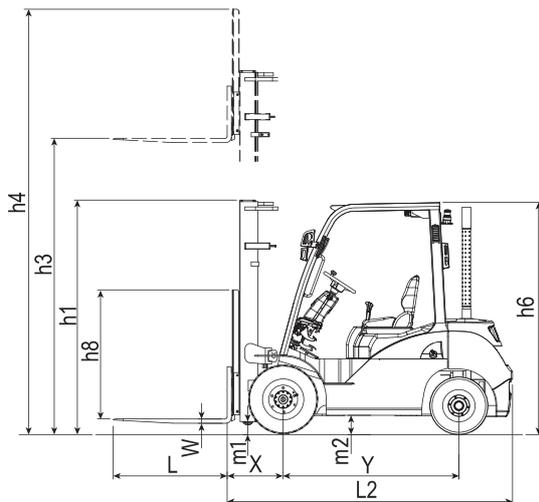
* This is only for reference and not subject to notice in advance if there is any modification.

* Service weight may vary with part upgrades and product improvements.

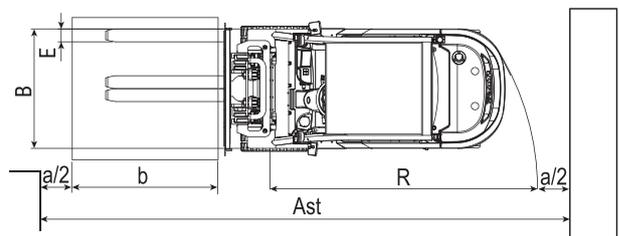
MAST SPECIFICATIONS

Mast Type	Mast Height (Max. Fork Height) in (mm)	Overall Height			Free Lift		Tilt Range		Load Capacity	
		Lowered in (mm)	Extended		Without STD Backrest in (mm)	With STD Backrest in (mm)	FWD deg	BWD deg	Load Center at 24 in (600mm)	
			Without STD Backrest in (mm)	With STD Backrest in (mm)					With Sideshift	Single Tire lb (kg)
PFD18 / PFG18										
2 Stage	130 (3300)	86.9 (2208)	158.2 (4019)	178.0 (4520)	(0.0) 0	0 (0)	6	12	3600 (1650)	
	157 (4000)	100.7 (2558)	185.8 (4719)	205.5 (5220)	(0.0) 0	0 (0)	6	6	3600 (1650)	
2 Stage (FFL)	130 (3300)	86.9 (2208)	151.3 (3844)	178.0 (4520)	54.9 (1395)	35.2 (895)	6	12	3600 (1650)	
3 Stage (FFL)	157 (4000)	75.7 (1951)	185.5 (4711)	205.2 (5212)	45.9 (1165)	26.2 (665)	6	6	3410 (1550)	
	177 (4500)	82.3 (2118)	205.1 (5209)	224.8 (5710)	52.2 (1325)	32.5 (825)	6	6	3300 (1500)	
	189 (4800)	86.2 (2218)	218.1 (5539)	237.8 (6040)	56.1 (1425)	36.4 (925)	6	6	3260 (1480)	
PFD25 / PFG25										
2 Stage	130 (3300)	86.8 (2205)	158.2 (4019)	178.0 (4520)	0.0 (0)	0.0 (0)	6	12	5000 (2350)	
	157 (4000)	100.6 (2555)	185.8 (4719)	205.5 (5220)	0.0 (0)	0.0 (0)	6	6	5000 (2350)	
2 Stage (FFL)	130 (3300)	86.8 (2205)	151.3 (3844)	178.0 (4520)	42.5 (1080)	37.2 (945)	6	12	5000 (2350)	
3 Stage (FFL)	157 (4000)	76.7 (1948)	178.6 (4536)	205.2 (5212)	38.3 (972)	26.7 (678)	6	6	4950 (2250)	
	177 (4500)	83.3 (2115)	198.2 (5034)	224.8 (5710)	44.8 (1138)	33.3 (845)	6	6	4840 (2200)	
	189 (4800)	87.2 (2215)	211.2 (5364)	237.8 (6040)	48.7 (1238)	37.2 (945)	6	6	4620 (2100)	
PFD30 / PFG30										
2 Stage	130 (3300)	87.8 (2229)	158.4 (4023)	178.0 (4520)	0.0 (0)	0.0 (0)	6	12	6000 (2700)	
	157 (4000)	101.5 (2579)	185.9 (4723)	205.5 (5220)	0.0 (0)	0.0 (0)	6	6	6000 (2700)	
2 Stage (FFL)	130 (3300)	87.8 (2229)	155.0 (3938)	178.0 (4520)	42.5 (1080)	37.2 (945)	6	12	6000 (2700)	
3 Stage (FFL)	157 (4000)	77.6 (1972)	182.3 (4630)	205.2 (5212)	38.3 (972)	26.7 (678)	6	6	6000 (2700)	
	177 (4500)	84.2 (2139)	201.9 (5128)	224.8 (5710)	44.8 (1138)	33.3 (845)	6	6	5720 (2600)	
	189 (4800)	88.1 (2239)	214.9 (5458)	237.8 (6040)	48.7 (1238)	37.2 (945)	6	6	5500 (2500)	
PFD36 / PFG36										
2 Stage	130 (3300)	87.8 (2229)	158.4 (4023)	178.0 (4520)	0.0 (0)	0.0 (0)	6	12	7810 (3550)	
	157 (4000)	101.5 (2579)	185.9 (4723)	205.5 (5220)	0.0 (0)	0.0 (0)	6	6	7810 (3550)	
2 Stage (FFL)	130 (3300)	87.8 (2229)	155.0 (3938)	178.0 (4520)	42.5 (1080)	37.2 (945)	6	12	7810 (3550)	
3 Stage (FFL)	157 (4000)	77.6 (1972)	182.3 (4630)	205.2 (5212)	38.3 (972)	26.7 (678)	6	6	7370 (3350)	
	177 (4500)	84.2 (2139)	201.9 (5128)	224.8 (5710)	44.8 (1138)	33.3 (845)	6	6	6820 (3100)	
	189 (4800)	88.1 (2239)	214.9 (5458)	237.8 (6040)	48.7 (1238)	37.2 (945)	6	6	6380 (2900)	

* This is only for reference and not subject to notice in advance if there is any modification.



$A_{st} = X + R + b + a$
 B = Load length
 A = Clearance (200mm)





**3600~8000 lbs
Pneumatic**

■ FEATURES Better Than Ever

These forklifts are Tailift's top-selling products, with a good reason! They were built specifically for terrain versatility and heavy lifting. Durability and reliability were our top priorities when designing these forklifts. Showcasing the latest advancements from Tailift, the user experience is better than ever.

The newly updated design is sure to meet the requirements of any worksite in terms of quality, performance, and efficiency. Improvements include LED efficient lighting, low-emission engines, and new transmissions. Our versatile Z Series Pneumatic forklifts feature a 3,600 to 8,000 lifting capacity.

EMISSIONS

Now with **Kubota engines** that comply with the latest EPA Tier 4 + EU Stage V regulations. The advanced EPA Tier 4 technology produces cleaner emissions and improved performance to exceed customers' expectations.



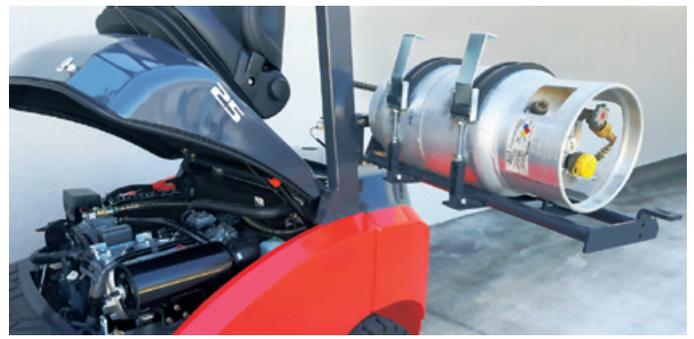
KUBOTA ENGINE

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



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.



LED LIGHTS

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

SUSPENSION SEAT

Our improved seat design can be easily adjusted and prioritizes comfort! The seat easily moves forward and back with an adjustable backrest and retractable seat belt.



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.

CLEAR VISIBILITY

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



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 Z Series forklifts !



Tailift Material Handling USA Inc.

USA

USA office

14710 John F Kennedy Blvd. Suite 100
Houston, TX 77032

Office: (281)-466-1000

FAX : (281)-864-3847

www.tailift-usa.com



Management System
ISO 9001:2015
www.tuv.com
ID 3108520775



Machinery Directive
Number 1674



DEB091-05-USA

