



IC COUNTERBALANCE TRUCK




**3600~
6000 lbs**
CUSHION

Tailift



TOYOTA INDUSTRIES GROUP

TRUCK SPECIFICATIONS

			PFG18C	PFG25C	PFG30C	
CHARACTERISTICS						
Capacity	Q	130" Duplex	lbs	3600	5000	6000
		189" Triplex	lbs	3360	4290	5170
Load Center	C	Distance	in	24	24	24
Power Type	LPG			LPG	LPG	LPG
Operation Type	Sit			Sit	Sit	Sit
Tire Type	C=Cushion		F/R	C / C	C / C	C / C
Wheels (X:driven)	Number		F/R	2X / 2	2X / 2	2X / 2
DIMENSIONS						
Lift At 3-Stage Mast	h3	Lift	in	189	189	189
	h2	Free Lift (Duplex 130")	in	0	0	0
	h5	Free Lift (Triplex 189")	in	34.8	34.8	34.8
Load Bracket	h8	Height Of Load Bracket	in	48	48	48
Fork Size	Thickness(s)xWidth(e)xLength(l)		in	1.4 x 4 x 48	1.6 x 4.8 x 48	1.8 x 4.8 x 48
Mast Tilting Angle	Forward(α) / Back(β)		deg	6° / 6°	6° / 6°	6° / 6°
Overall Dimensions	L2	Length To Face Of Forks	in	87.6	94.8	97.7
	B	Total Width	in	38.0	42.5	44.4
	h1	Mast Height Lowered	in	86.6	86.6	86.6
	h4	Mast Height Extended (w/o Bracket)	in	211.2	211.2	214.9
		Mast Height Extended		237.8	237.8	237.8
	h6	Overhead Guard Height	in	80.3	84.3	84.3
	h7	Seat Height	in	41.9	43.5	43.5
	b3	Fork Carriage Width	in	36.2	36.2	38.2
Turning Radius	R		in	75.4	80.3	90.3
Load Distance	X	From Center Of Front Axle	in	19.3	21.5	22.4
Aisle Width	Ast	For Load 800x1200 / 1000x1200	in	134.1 / 141.9	141.1 / 149.0	152.1 / 160.0
PERFORMANCE						
Drawbar Pull	With Load / Without Load		N	19600 / 10008	19874 / 10956	19874 / 10956
Gradeability	With Load / Without Load		%	27.0 / 17.0	25.0 / 17.0	25.0 / 17.0
WEIGHT						
Service Weight			lbs	7489	9423	10321
Axle Loading	With Load	Front / Rear	lbs	9149 / 1350	11933 / 2050	13921 / 1840
	Without Load	Front / Rear	lbs	3418 / 4070	3740 / 5683	4062 / 6260
CHASSIS						
Tire Size	Number: Front / Rear Front / Rear			2 / 2 18 x 6 x 12½, 14 x 4½ x 8	2 / 2 21 x 7 x 15, 16¼ x 5 x 11¼	2 / 2 21 x 8 x 15, 16¼ x 6 x 11¼
Wheelbase	Y		in	48	57.1	57.1
Tread	Center Of Tires Front		in	32.1	34.8	34.8
	Center Of Tires Rear		in	32.5	35.4	35.4
Ground Clearance	m1	At Lowest Point	in	4.2	3.9	3.9
	m2	Center Of Wheelbase	in	4.6	4.9	4.9
Service Brake	Operation/Control			Hydraulic	Hydraulic	Hydraulic
Parking Brake	Operation/Control			Hand	Hand	Hand
POWER						
Battery	Type			115D31R	115D31R	115D31R
	Voltage		V	12	12	12
	Capacity		Ah/5hr	70.0	70.0	70.0
	Dimension (LxWxH)		in	12Lx6.8Wx8H	12Lx6.8Wx8H	12Lx6.8Wx8H
	Weight		lbs	50.0	50.0	50.0
Engine	Manufacturer			KUBOTA	KUBOTA	KUBOTA
	Model			WG2503-L-E3	WG2503-L-E3	WG2503-L-E3
	Rated Speed		rpm	2700	2700	2700
	Rated Output		hp	62	62	62
	Cylinders No. / Displacement		No./L	4/2.491	4/2.491	4/2.491
	Fuel Consumption		g/kW.h	273.1@2700	273.1@2700	273.1@2700
Transmission	Type			Powershift	Powershift	Powershift
	Stage Fwd. / Rev.		no.	1 / 1	1 / 1	1 / 1
Service Pressure			kgf/cm²	185	200	200

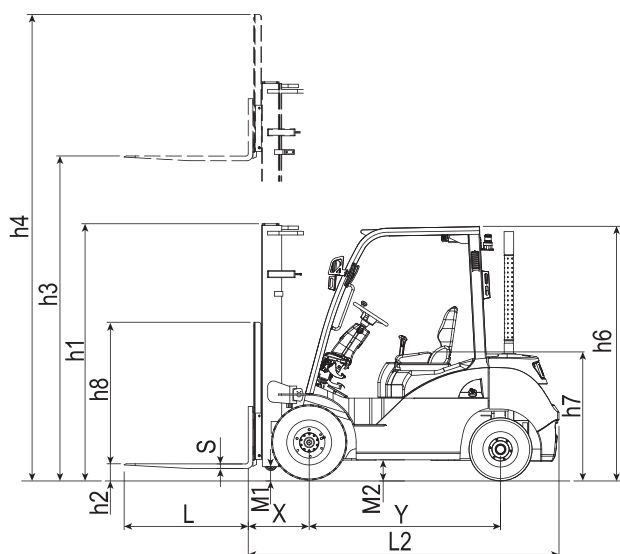
* This is only for reference and not subject to notice in advance if there is any modification.

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

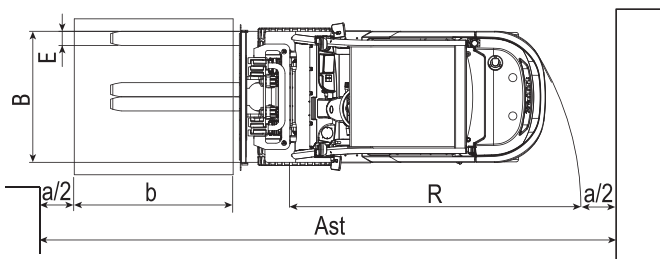
MAST SPECIFICATIONS

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)	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)
PFG18C											
2 Stage	130 (3300)	86.2 (2190)	154.9 (3934)	178.0 (4520)	0 (0)	0 (0)	6	6	3600 (1650)		
	157 (4000)	100.0 (2540)	182.4 (4634)	205.5 (5220)	0 (0)	0 (0)	6	6	3600 (1650)		
2 Stage (FFL)	130 (3300)	86.2 (2190)	151.3 (3844)	178.0 (4520)	54.4 (1382)	34.8 (885)	6	6	3600 (1650)		
3 Stage (FFL)	157 (4000)	76.1 (1933)	178.6 (4536)	205.5 (5212)	48.5 (1232)	28.9 (735)	6	6	3600 (1650)		
	177 (4500)	82.7 (2100)	198.2 (5034)	224.8 (5710)	52.4 (1332)	32.9 (835)	6	6	3550 (1615)		
	189 (4800)	86.6 (2200)	211.2 (5364)	237.8 (6040)	54.4 (1382)	34.8 (885)	6	6	3360 (1525)		
PFG25C											
2 Stage	130 (3300)	86.2 (2190)	158.2 (4019)	178.0 (4520)	0 (0)	0 (0)	6	10	5000 (2275)		
	157 (4000)	100.0 (2540)	185.8 (4719)	205.5 (5220)	0 (0)	0 (0)	6	6	4620 (2100)		
2 Stage (FFL)	130 (3300)	86.2 (2190)	151.3 (3844)	178.0 (4520)	54.4 (1382)	34.8 (885)	6	10	5000 (2275)		
3 Stage (FFL)	157 (4000)	76.1 (1933)	178.6 (4536)	205.2 (5212)	48.5 (1232)	28.9 (735)	6	6	4620 (2100)		
	177 (4500)	82.7 (2100)	198.2 (5034)	224.8 (5710)	52.4 (1332)	32.9 (835)	6	6	4400 (2000)		
	189 (4800)	86.6 (2200)	211.2 (5364)	237.8 (6040)	54.4 (1382)	34.8 (885)	6	6	4290 (1950)		
PFG30C											
2 Stage	130 (3300)	86.2 (2190)	158.4 (4023)	178.0 (4520)	0 (0)	0 (0)	6	10	6000 (2730)		
	157 (4000)	100.0 (2540)	185.9 (4723)	205.5 (5220)	0 (0)	0 (0)	6	6	5830 (2650)		
2 Stage (FFL)	130 (3300)	86.2 (2190)	155.0 (3938)	178.0 (4520)	54.4 (1382)	34.8 (885)	6	10	6000 (2730)		
3 Stage (FFL)	157 (4000)	76.1 (1933)	182.3 (4630)	205.2 (5212)	48.5 (1232)	28.9 (735)	6	6	5720 (2600)		
	177 (4500)	82.7 (2100)	201.9 (5128)	224.8 (5710)	52.4 (1332)	32.9 (835)	6	6	5390 (2450)		
	189 (4800)	86.6 (2200)	214.9 (5458)	237.8 (6040)	54.4 (1382)	34.8 (885)	6	6	5170 (2350)		

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$Ast = X + R + b + a$
 $b = \text{Load length}$
 $a = \text{Clearance (200mm)}$





**3600~6000 lbs
CUSHION**

■ FEATURES

Better Than Ever

Research + Product Testing Leads to NEW Z Series Innovations!

These ergonomic propane-powered, cushion tire, Z Series Forklifts are built specifically to meet the needs of warehouses, distribution centers, and manufacturing facilities. Showcasing the latest advancements from Tailift, the user experience is better than ever. Tailift Z Series LPG Cushion Tire Forklifts, created for smooth operation and easy maintenance, featuring a capable lifting capacity of 3,600-6,000 lbs.

EMISSIONS

Our powerful **Kubota engines** 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.

EASY MAINTENANCE

- Open hood space increased! Enlarged, 80-degree angle, maintenance space makes service more accessible.
- Compact and Convenient maintenance panel.
- LPG tank brackets, designed to make propane change-outs quick and easy.
- Integrated engine hood latches are durable and easily opened.
- Heat-resistant iron engine hood.
- Compact fuse boxes for easy and quick inspections.
- Quick and easy to change the air filter.



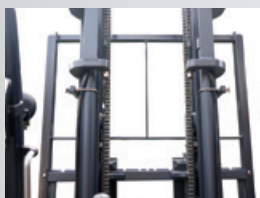
HEAVY-DUTY CHASSIS

Our chassis are built with safety in mind. The no-bolt design is fabricated with sturdy high-carbon German steel, providing operators with lasting protection and durability.

CLEAR VIEW MAST



Slotted Overhead Guard



High Visibility Mast



Lowered Lift Cylinder





HYDRAULIC CONTROL

Our efficient hydraulic system provides operators with the necessary force for heavy lifting. Smooth and ergonomic hydraulic control levers are accessible within arm's reach.



REAR COMBINATION LIGHTS

Bright LED rear overhead guard lights make the forklift operations more easily visible to others. Lights include side, reverse, rear, brake, and directional indicators. NOW standard with blue spotlights!



OPERATION SPACE

Ergonomic design with an organized and comfortable operation space. Tilt cylinders are internally stored to enlarge access space and improve design.

BRAKE SYSTEM

Updated system with an extended brake pedal, designed to reduce resistance.

LED LIGHT PACKAGE

These power-efficient and sleek new LED lights cover a wider range, are brighter, and last longer than our previous designs! Front and rear LED lights increase visibility all around the forklift, making low-light operations easier.

NON-SLIP ENTRY STEP

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



LONG OPERATOR ASSIST GRIPS

Increased length of entry grip handle, for the convenience of forklift operators of any height.



ADJUSTABLE STEERING WHEEL COLUMN

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



INTERLOCK PARKING BRAKE

Equipped with an interlocking safety protection switch, ensuring safety by sounding a buzzer if the emergency brake is not set when dismounting the forklift.



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.



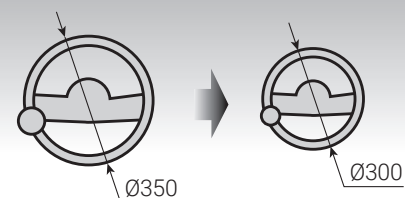
LCD INSTRUMENT PANEL

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.

EASY AND SMOOTH TURNING

SMALL STEERING WHEEL

300mm (11.8 in) steering wheel, designed for easy operation and reduced operator arm and shoulder workload.

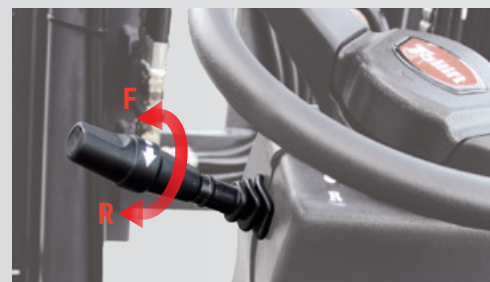


REAR ASSIST GRIP WITH HORN BUTTON

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

FORWARD/REVERSE SWITCH

Easily shift gears to change direction quickly and efficiently, located on the left side of the steering column.



USA

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