

IC COUNTERBALANCE  
TRUCK



**15500 lbs**  
**PFD70**



TOYOTA INDUSTRIES GROUP

# TRUCK SPECIFICATIONS

**15500 lbs**

**PFD70**

## CHARACTERISTICS

<b>Capacity</b>	Q	With fork positioner with sideshift	lbs	15500
<b>Load center</b>	C	Distance	in	24
<b>Power type</b>				Diesel
<b>Operation type</b>	Pedestrian, Stand, Sit			Sit
<b>Tire type</b>	P=Pneumatic, S=Solid	F / R	S / S	

## DIMENSIONS

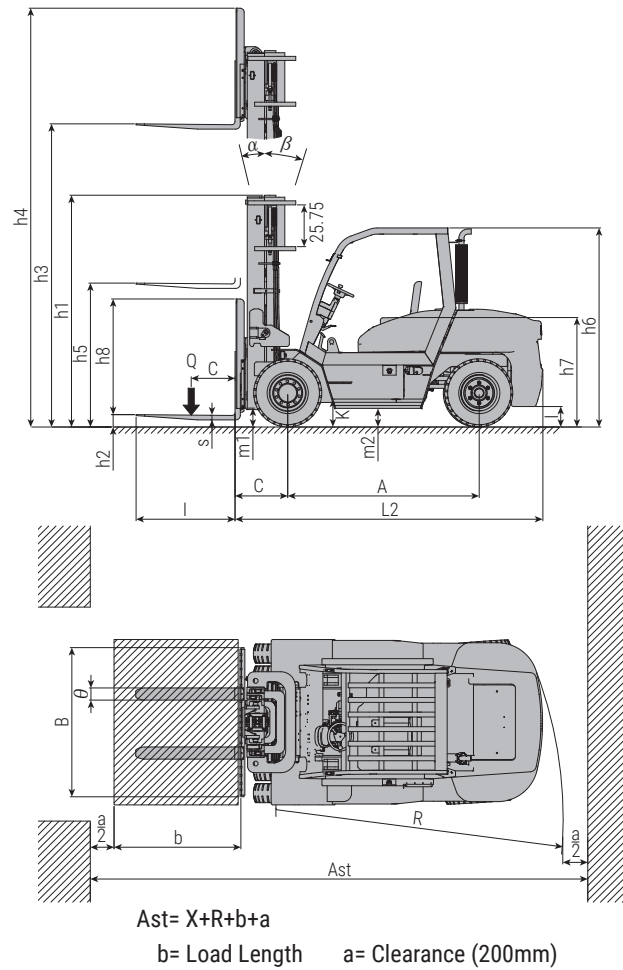
<b>Lift at 2-stage mast</b>	h3	Lift	in	130
	h2	Free lift ( duplex 130")	in	0
<b>Load bracket</b>	h8	Height of load bracket	in	60
<b>Fork size</b>	Thickness(s)×Width(e)×Length(l)			in 2.5 × 5.9 × 48
<b>Mast tilting angle</b>	Forward( $\alpha$ )/Back( $\beta$ )		deg	6° / 12°
<b>Overall dimensions</b>	L2	Length to face of forks	in	146.5
	B	Total width / dual	in	80.3
	h1	Mast height lowered	in	109.8
	h4	Mast height extended (w/o bracket)	in	168.0
	h4	Mast height extended	in	188.3
	h6	Overhead guard height	in	95.7
	h7	Seat height	in	54.1
<b>Turning radius</b>	R		in	129.1
<b>Load distance</b>	X	From center of front axle	in	25.6
<b>Aisle width</b>	Ast	For load 800×1200/1000×1200	in	234.6

## CHASSIS

<b>Tire size</b>	Wheels ( X: Driven )	F / R	4X / 2
	Front		8.25 x 15 x 14
	Rear		8.25 x 15 x 14
<b>Wheelbase</b>	Y	in	93
<b>Tread</b>	Center of tires front	in	58.1
	Center of tires rear	in	66.9
<b>Ground clearance</b>	m1 At lowest point	in	8.3
	m2 Center of wheelbase	in	7.9
<b>Service brake</b>	Operation/control		Hydraulic
<b>Parking brake</b>	Operation/control		Hand

## POWER

<b>Battery</b>	Voltage	V	24
	Capacity	Ah/5hr	112
	Dimension (LxWxH)	in	20 x 7.1 x 10.1
	Weight	lbs	11.8
<b>Engine</b>	Manufacturer	KUBOTA	
	Model	V3800-TIE5B	
	Rated speed	rpm	2400
	Rated Output	kW	83.0
	Cylinders no. /displacement	No./L	4 / 3.769
	Fuel consumption	g/kW.h	227 / 2600
<b>Transmission</b>	Type	Hydraulic	
	Stage Fwd./Rev.	no.	2 / 2
<b>Service pressure</b>		kg/cm <sup>2</sup>	210



## PERFORMANCE

<b>Speeds</b>	Travel speed	With load	mph	12.4
		Without load	mph	14.3
	Lift speed	With load	fpm	61.4
		Without load	fpm	105.5
<b>Drawbar pull</b>	With load	N	64000	
	Without load	N	30000	
<b>Gradeability</b>	With Load	%	34	
	Without Load	%	26	

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

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# 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	Dual Tire
										lb (kg)
2 Stage	130 (3300)	109.8 (2790)	167.8 (4262)	188.2 (4782)	0 (0)	0 (0)	6	12	15500 (7000)	
	157 (4000)	125.6 (3190)	199.3 (5062)	219.7 (5582)	0 (0)	0 (0)	6	12	15500 (7000)	
2 Stage (FFL)	130 (3300)	105.0 (2665)	163.1 (4142)	183.5 (4662)	64 (1623)	44 (1109)	6	12	15500 (7000)	
	157 (4000)	120.7 (3065)	194.6 (4942)	215.0 (5462)	79.6 (2023)	59.4 (1509)	6	12	15500 (7000)	
3 Stage (FFL)	157 (4000)	98.6 (2505)	200.6 (5080)	219.2 (5600)	56.0 (1423)	37.4 (949)	6	6	14326 (6500)	
	177 (4500)	107.9 (2740)	216.3 (5493)	234.9 (5968)	65.3 (1658)	46.6 (1184)	6	6	14170 (6400)	
	189 (4800)	112.0 (2845)	228.6 (5807)	247.3 (6282)	69.4 (1763)	50.7 (1289)	6	6	13950 (6300)	
	236 (6000)	127.8 (3245)	275.9 (7007)	294.5 (7482)	85.1 (2163)	66.5 (1689)	3	6	12180 (5500)	

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\* With Sideshift & Dual Tire

## FEATURES

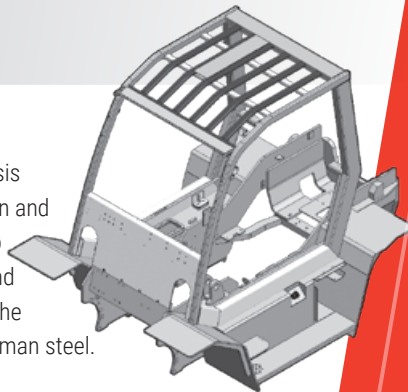
 **15500 lbs**

With unparalleled durability and strength, the PFD70 is undoubtedly one of our most powerful offerings to date. Built to withstand your most demanding job site operations. Featuring the industry's highest-performing engines, powerful hydraulics, and resilient components. Backed by respected engineering and over 50 years of industry experience. Showcasing the latest advancements from Tailift, the user experience is better than ever.

# UNMATCHED DURABILITY

### HEAVY-DUTY CHASSIS

Our no-bolt heavy-duty chassis provides relentless protection and sturdy longevity. Designed to withstand extreme weight and high temperatures, utilizing the durability of high-carbon German steel.



### SUPERIOR GRADEABILITY

Terrain versatility, high-performance acceleration, and powerful incline resistance.



## ENGINE

### EMISSIONS COMPLIANCE

Satisfying rigid EPA regulations while running cleaner and more efficiently: EPA/CARB Tier 4 Final + EU Stage V

### DPF TECHNOLOGY

The advanced technology behind our Diesel Particulate Filters enables automatic regeneration, even at low RPMs, providing cleaner exhaust with a competitive edge.

### HIGH PERFORMANCE

Powerful acceleration, full power torque output, and superior resistance with a stable loading idle.

### SMOOTH STABILITY

Optimized combustion, with built-in high-pressure common rail and fuel injectors, producing less noise and vibrations.

### FUEL EFFICIENCY

High post-processing regeneration efficiency, low regeneration triggering criteria, creating less waste and exhaust.

### INNOVATION

The brand-new Kubota V3800-TIE5B Engine features highly-researched innovative emission solutions such as DOC, DPF, and SCR.

### EASY MAINTENANCE

The Kubota engine is highly integrated, with a compact and convenient maintenance panel.



### CLEAR VISIBILITY

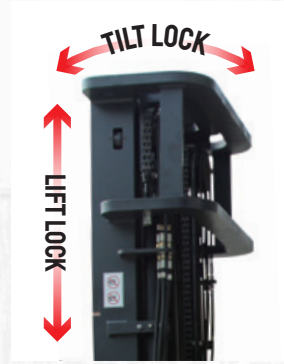
Lowered Lift Cylinders and high-visibility masts provide operators with an unobstructed view.

### MAST LOCK SYSTEM (OPTION)

The mast lock system automatically locks all lifting and tilting functions when the operator gets off the seat.

### SLOTTED OVERHEAD GUARD

Easily see above, through the heavy-duty safety chassis.





### REAR-VIEW

Open rear visibility and wide-angle rear-view mirrors allow operators to see clearly behind.



### REAR ASSIST GRIP WITH HORN BUTTON

Rear grip handles are equipped with a horn button for easy access while traveling in reverse.



### LED FRONT AND REAR 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.



### AdBlue REPLENISHMENT



### MECHANICAL HANDBRAKE



### 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 !



### INSTRUMENT PANEL

Making performance and functions clear at a glance, while keeping operators informed of all relevant performance indicators.



### CAB

Equip with a heater, fan, defrost, and AC option to keep productivity up during any weather.



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