

IC COUNTERBALANCE
9L TRUCK
PLUS II
7.0 TON





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FEATURES

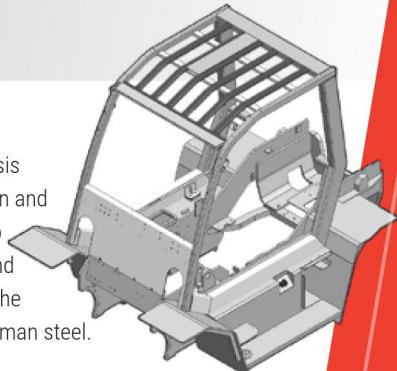
9L PLUS II 7.0 TON

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 MIRRORS
Open rear-view mirrors provide clearly b

LONG OPERATOR ASSIST GRAB
Increased grip on the steering handle, for forklift operation.

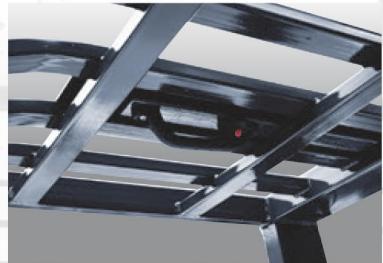
VIEW

Clear visibility and wide-angle rear mirrors allow operators to see 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



OPERATOR

GRIPS
The length of entry grip for the convenience of 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.

TRUCK SPECIFICATIONS

9L PLUS II 7.0 TON

PFD70

CHARACTERISTICS

Capacity	Q	kg	7000
Load center	C	Distance mm	600
Power type			Diesel
Operation type			Pedestrian, Stand, Sit
Tire type		P = Pneumatic, S = Solid	F / R P / P

DIMENSIONS

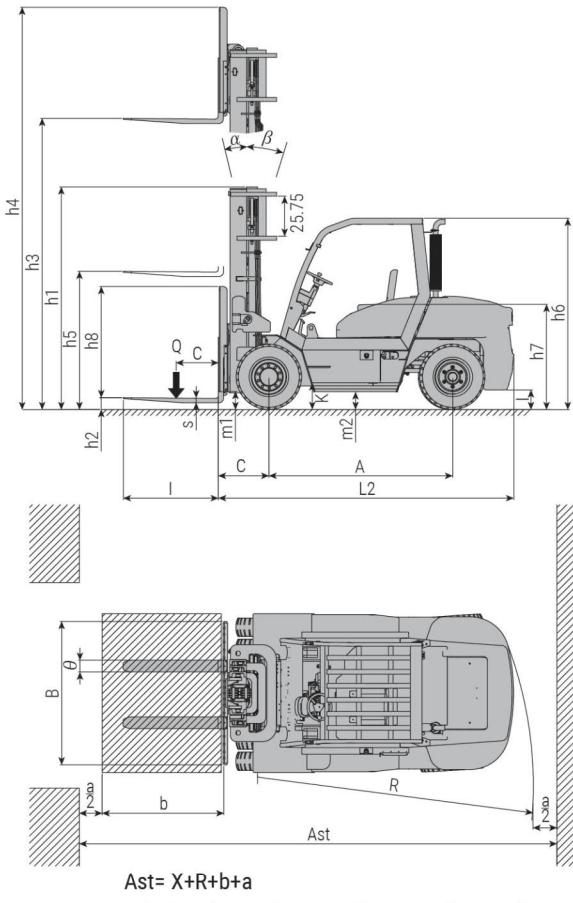
Lift at 2-stage mast	h3	Lift mm	3000
	h2	Free lift mm	210
Load bracket	h8	Height of load bracket mm	1516
Fork size		Thickness(s) x Width(e) x Length(l) mm	65 x 150 x 1220
Mast tilting angle		Forward(α)/Back(β) deg	6° / 12°
	L2	Length to face of forks mm	3720
	B	Total width / dual mm	2040
Overall dimensions	h1	Mast height lowered mm	2640
	h4	Mast height extended (w/o bracket) mm	3972
	h4	Mast height extended mm	4482
	h6	Overhead guard height mm	2430
	h7	Seat height mm	1375
Turning radius	R	mm	3280
Load distance	X	From center of front axle mm	610
Aisle width	Ast	For load 800x1200/1000x1200 mm	4890/5090

CHASSIS

Tire size		Wheels (X: Driven)	F / R	4X / 2
		Front		8.25 x 15 x 14PR
		Rear		8.25 x 15 x 14PR
Wheelbase	Y	mm	2360	
Tread	Center of tires front	mm	1475	
	Center of tires rear	mm	1700	
Ground clearance	m1	At lowest point mm	210	
	m2	Center of wheelbase mm	200	
Service brake	Operation/control		Hydraulic	
Parking brake	Operation/control		Hand	

POWER

Battery	Voltage	V	12 x 2
	Capacity	Ah/5hr	112
	Dimension (LxWxH)	mm	504 x 182 x 257
	Weight	kg	26.1
Engine	Manufacturer	KUBOTA	
	Model	V3800-TIE5B	
Engine	Rated speed	rpm	2400
	Rated Output	kW	83
Transmission	Cylinders no. /displacement	No./L	4 / 3.769
	Fuel consumption	g/kW.h	227 / 2600
Transmission	Type	Hydraulic	
	Stage Fwd./Rev.	no.	2 / 2
Service pressure	kg/cm ²	210	



PERFORMANCE

Speeds	Travel speed	With load	km/h	20
	Lift speed	Without load	km/h	23
	Lowering speed	With load	mm/s	312
Drawbar pull	Without load	mm/s	536	
	With load	mm/s	325	
Gradeability	Without load	mm/s	498	
	With Load	N	64000	
	Without Load	N	30000	

* 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	
		Extended		Without STD Backrest in (mm)	With STD Backrest in (mm)	FWD deg	BWD deg	Load Center at 24 in (600mm)	
		Lowered in (mm)	Without STD Backrest in (mm)					With Sideshift lb (kg)	Dual Tire lb (kg)
2 Stage	130 (3300)	109.8 (2790)	168.2 (4272)	188.2 (4782)	8.3 (210)	8.3 (210)	6	12	15500 (7000)
	157 (4000)	125.6 (3190)	199.7 (5072)	219.7 (5582)	8.3 (210)	8.3 (210)	6	12	15500 (7000)
2 Stage (FFL)	130 (3300)	104.9 (2665)	181.6 (4612)	201.6 (5122)	63.9 (1623)	43.6 (1109)	6	12	15500 (7000)
	157 (4000)	120.7 (3065)	194.9 (4952)	215.0 (5462)	79.6 (2023)	59.4 (1509)	6	12	15500 (7000)
3 Stage (FFL)	157 (4000)	96.5 (2450)	196.9 (5002)	215.4 (5472)	53.8 (1368)	35.2 (894)	6	6	14620 (6600)
	177 (4500)	103.7 (2635)	216.4 (5498)	234.9 (5968)	61.1 (1553)	42.5 (1079)	6	6	14170 (6400)
	189 (4800)	107.9 (2740)	228.8 (5812)	247.3 (6282)	65.3 (1658)	46.6 (1184)	6	6	13950 (6300)
	236 (6000)	123.6 (3140)	276.0 (7012)	294.5 (7482)	81.0 (2058)	62.3 (1584)	3	6	12180 (5500)

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* With Sideshift & Dual Tire