

IC COUNTERBALANCE
TRUCK

9L
PLUS II

7.0 TON



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FEATURES

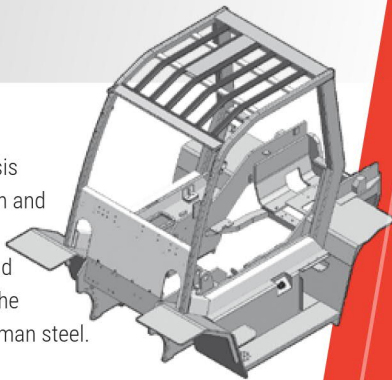
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With unparalleled durability and strength, the PFD70 is undoubtedly one of our most powerful offerings to date. Built to withstand your most demanding job site operations. Featuring the industry's highest-performing engines, powerful hydraulics, and 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-view mirror clearly b



LONG OPERATOR ASSIST GR

Increased l handle, for forklift op



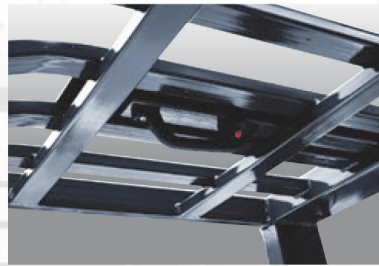
VIEW

ear visibility and wide-angle
ew 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

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.



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PFD70

CHARACTERISTICS

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

DIMENSIONS

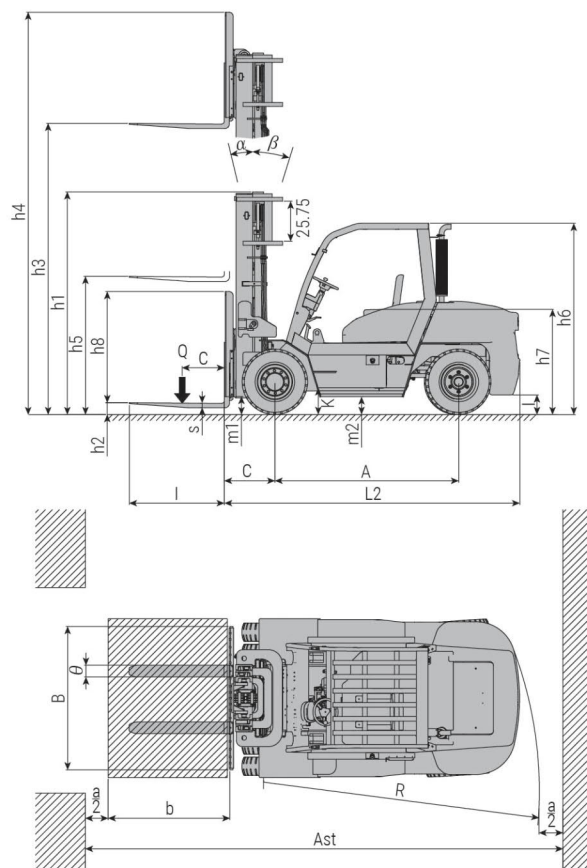
Lift at 2-stage mast	h3	Lift	mm	3000
	h2	Free lift	mm	210
Load bracket	h8	Height of load bracket	mm	1516
Fork size		Thickness(s)×Width(e)×Length(l)	mm	65 x 150 x 1220
Mast tilting angle		Forward(α)/Back(β)	deg	6° / 12°
Overall dimensions	L2	Length to face of forks	mm	3720
	B	Total width / dual	mm	2040
	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 800×1200/1000×1200	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
	Rated speed	rpm	2400
	Rated Output	kW	83
	Cylinders no. /displacement	No./L	4 / 3.769
Transmission	Fuel consumption	g/kW.h	227 / 2600
	Type		Hydraulic
Service pressure	Stage Fwd./Rev.	no.	2 / 2
		kg/cm ²	210



$$A_{st} = X + R + b + a$$

b= Load Length a= Clearance (200mm)

PERFORMANCE

Speeds	Travel speed	With load	km/h	20
		Without load	km/h	23
	Lift speed	With load	mm/s	312
		Without load	mm/s	536
	Lowering speed	With load	mm/s	325
		Without load	mm/s	498
Drawbar pull	With load		N	64000
	Without load		N	30000
Gradeability	With Load		%	34
	Without Load		%	26

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

DOC. S/N : DEB105-02

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)	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