

MAST SPECIFICATIONS

COUNTERBALANCED

QI DI IIS II

GET LOST

SERIES

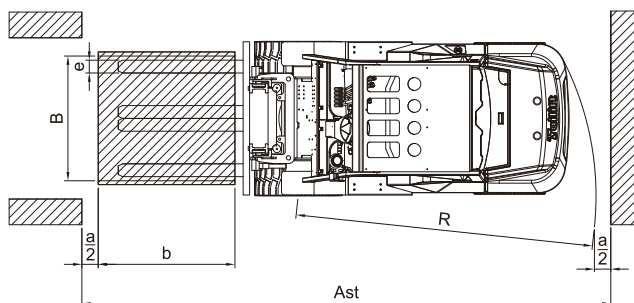
4 0-5 5 TONNES

CLIMATIC

PNEUMATIC

Main Type	Main Height (Max. Fork Height)		Fully Lowered Height		Fully Extended Height				Free Lift				Single Tires w/ Sideshift			
					Without STD Load Backrest		With STD Load Backrest		Without STD Load Backrest		With STD Load Backrest		Tilting Range		Load Capacity Load Center	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	deg.	deg.	600 mm	24 in
PFD40 / PFG40																
2 Stage	3300	130	2355	92.7	4114	162.0	4416	173.9	0	0.0	0	0.0	6	12	4090	9015
	4000	158	2805	110.4	4814	189.5	5116	201.4	0	0.0	0	0.0	6	6	4000	8815
2 Stage (FFL)	3300	130	2355	92.7	3917	154.2	4416	173.9	1553	61.1	1239	48.8	6	12	1700	3745
	4500	177	2249	88.5	5107	201.1	5606	220.7	1447	57.0	1133	44.6	6	6	1500	3305
3 Stage (FFL)	4800	189	2395	94.3	5437	214.1	5936	233.7	1593	62.7	1279	50.4	6	6	1500	3305
PFD45 / PFG45																
2 Stage	3300	130	2355	92.7	4114	162.0	4416	173.9	0	0.0	0	0.0	6	12	4545	10020
	4000	158	2805	110.4	4814	189.5	5116	201.4	0	0.0	0	0.0	6	6	4500	9920
2 Stage (FFL)	3300	130	2355	92.7	3917	154.2	4416	173.9	1553	61.1	1239	48.8	6	12	4545	10020
	4500	177	2249	88.5	5107	201.1	5606	220.7	1447	57.0	1133	44.6	6	6	4200	9260
3 Stage (FFL)	4800	189	2395	94.3	5437	214.1	5936	233.7	1593	62.7	1279	50.4	6	6	4100	9040
	5000	197	2395	94.3	5565	219.1	6064	238.7	1593	62.7	1279	50.4	6	6	3800	8375
PFD50 / PFG50																
2 Stage	3300	130	2355	92.7	4278	168.4	4458	175.5	0	0.0	0	0.0	6	12	5000	11020
	4000	158	2805	110.4	4978	196.0	5158	203.1	0	0.0	0	0.0	6	6	4900	11800
2 Stage (FFL)	3300	130	2355	92.7	4278	168.4	4458	175.5	1389	54.7	1197	47.1	6	12	5000	11020
	4500	177	2249	88.5	5468	215.3	5648	222.4	1283	50.5	1091	43.0	6	6	4300	9480
3 Stage (FFL)	4800	189	2395	94.3	5798	228.3	5978	235.4	1429	56.3	1237	48.7	6	6	4200	9260
	5000	197	2395	94.3	5926	233.3	6106	240.4	1429	56.3	1237	48.7	6	6	3900	8595
PFD55 / PFG55																
2 Stage	3300	130	2355	92.7	4458	175.5	4458	175.5	0	0.0	0	0.0	6	12	5400	11905
	4000	158	2805	110.4	5158	203.1	5158	203.1	0	0.0	0	0.0	6	6	5170	11395
2 Stage (FFL)	3300	130	2355	92.7	4458	175.5	4458	175.5	1389	54.7	1197	47.1	6	12	5400	11905
	4500	177	2249	88.5	5648	222.4	5648	222.4	1283	50.5	1091	43.0	6	6	4880	10760
3 Stage (FFL)	4800	189	2395	94.3	5978	235.4	5978	235.4	1429	56.3	1237	48.7	6	6	4850	10690

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



h5 = Free Lift of Duplex FFI & Triplex FFI Mast

EDITION : DEF101-01



TOYOTA INDUSTRIES GROUP

HEAVY DUTY

FEATURES

9L PLUS II SERIES 4.0-5.5 TONNES

Enhanced Beyond Expectations !!

Tailift's enhanced high-capacity forklifts are designed for the most demanding job sites, built with high-quality components and compliant with Toyota's manufacturing standards. Equipped with a 4-valve hydraulic system, eco-friendly engines, and a robust German steel structure, we ensure operational safety and enhance work efficiency. Backed by over 50 years of innovation and engineering expertise, our forklifts come standard with suspension seats, easy-to-read LCD display, and safety-compliant features, offering ergonomic comfort and reliability in all kinds of challenging environments.

EASY MAINTENANCE

Our compact and convenient maintenance panel was designed for easy and efficient service, with quick access to PM parts such as air filters and fuse boxes. The engine bay opens to an ample 80-degree angle, with a sturdy integrated latch, protective fan-guard, and a durable heat-resistant iron hood.

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.



CLEAR VISIBILITY

Clear View Mast with a Lowered Lift Cylinder, Slotted Overhead Guard, and Open Rear visibility.



LED LIGHT PACKAGE

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



REAR BLUE LIGHT (OPTION)

Enhances safety by improving visibility in low-light areas, alerting personnel, and reducing accident risks.



INSTRUMENT PANEL

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



HIDDEN TILT CYLINDER

To reduce scraping, enlarge access space, and improve design, tilt cylinders are internally stored.



ADJUSTABLE STEERING WHEEL COLUMN

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



SUSPENSION SEAT (OPTION)

High-efficiency shock absorbers and seat belts, ergonomically designed to relieve the pressure from the back & arm, and double-sided armrests provide additional support to enhance the operation comfort.



NON-SLIP ENTRY STEP

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



REAR ASSIST GRIP WITH HORN BUTTON (OPTION)

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

HIGH-PERFORMANCE ENGINES



Providing reliable lifting power with Innovation and Resilience.

EMISSIONS COMPLIANCE

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

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

The Diesel V3307 engine features DPF technology and high post-processing regeneration efficiency with low regeneration triggering criteria, providing cleaner exhaust with a competitive edge.

RESISTANCE

Stable loading idle, full torque output, and high resistance to stalling at low speeds.

EASY MAINTENANCE

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