

SEMI ROUGH TERRAIN TRUCK



• Tailift semi rough terrain forklifts is a solid forklift with wide-base deep tread tires and delivers exceptional reliability to these tough environments. You can get jobs done easier.

- Futuristic Designed
- Reliability
- Productivity
- Comfortable Operation
- Easy Maintenance
- Unparalleled Performance

Tailift



TOYOTA INDUSTRIES GROUP

CHARACTERISTICS	1 Manufacturer		Tailift							
	2 Series		9L PLUS II							
	3 Model		PFD25	PFG25	PFD30	PFG30	PFD36	PFG36		
4 Capacity	Q	130" Duplex Mast w/o sideshift	lb	5000	5000	6000	6000	7700	7700	
		189" Triplex Mast w/ sideshift		4290	4290	4840	4840	6380	6380	
5 Load center	C	Distance	in	24	24	24	24	24	24	
6 Power type		Electric \ Diesel \ Gasoline \ LPG		Diesel	LPG	Diesel	LPG	Diesel	LPG	
7 Operation type		Pedestrian \ Stand \ Sit	in	Sit	Sit	Sit	Sit	Sit	Sit	
8 Tire type		S=Solid,P=Pneumatic	in	P / P	P / P	P / P	P / P	P / P	P / P	
9 Wheels (X:driven)		Number	front/rear	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	
10 Lift at 3-stage mast	h3	Maximum Lift Height (Forks)	in	189.0	189.0	189.0	189.0	189.0	189.0	
		Full Free Lift w/ LBR	in	37.2	37.2	37.2	37.2	37.2	37.2	
12 Load bracket	h8	Height of load bracket	in	48.0	48.0	48.0	48.0	48.0	48.0	
13 Fork size		Thickness(s)×Width(e)×Length(l)	in	1.6x4.8x42	1.6x4.8x42	1.8x4.8x42	1.8x4.8x42	2.0x4.8x42	2.0x4.8x42	
14 Mast tilting angle		Forward(α) / Back(β)	deg	6° / 6°	6° / 6°	6° / 6°	6° / 6°	6° / 6°	6° / 6°	
15 Overall dimensions	L2	Length to face of forks	in	106.1	106.1	112.0	112.0	117.1	117.1	
		B Total width	in	51.8	51.8	54.7	54.7	60.0	60.0	
		h1 Mast height lowered	in	87.2	87.2	88.1	88.1	88.1	88.1	
		h4 Mast height extended(w/ LBR)	in	237.8	237.8	237.8	237.8	237.8	237.8	
		h4 Mast height extended (w/o LBR)	in	211.2	211.2	214.9	214.9	214.9	214.9	
		h6 Overhead guard height	in	86.6	86.6	87.4	87.4	85.4	85.4	
		h7 Seat height	in	47.2	47.2	48.4	48.4	44.9	44.9	
22	b3	Fork carriage width	in	40.3	40.3	45.3	45.3	45.3	45.3	
23 Turning radius	R		in	88.6	88.6	95.3	95.3	102.4	102.4	
24 Load distance	X	From center of front axle	in	23.4	23.4	23.6	23.6	23.8	23.8	
25 Aisle width	Ast	For load 800×1200/1000×1200	in	151.3/159.2	151.3/159.2	158.2/166.1	158.2/166.1	165.5/173.4	165.5/173.4	
26 Speeds		travel speed	with load	mph	11.5	11.2	10.6	11.8	11.8	11.8
			without load	mph	12.1	11.8	13.0	12.4	13.0	13.0
		Lift speed	with load	fpm	118.1	106.1	86.8	101.6	80.7	101.6
			without load	fpm	133.9	147.0	91.3	103.7	90.6	103.7
		Lowering speed	with load	fpm	95.3	95.3	88.6	88.6	79.7	74.2
without load	fpm		86.6	86.6	82.7	82.7	78.7	78.3		
29 Drawbar pull		with load	N	17700	22344	18300	22344	20188	19992	
		without load	N	13200	8820	13300	9526	13400	12397	
30 Gradeability		with load	%	25	26	23	26	21	21	
		without load	%	20	17	18	17	18	18	
31 Service weight			lb	9575	9013	10614	10537	11277	10934	
32 Axle loading		with load	front	lb	12422	12918	14175	14496	17174	17035
			rear	lb	1642	1305	1810	1411	1323	1118
		without load	front	lb	4445	4220	4870	5192	5216	5077
			rear	lb	5130	4793	5744	5346	6062	5857
34		number : front/rear		2/2	2/2	2/2	2/2	2/2	2/2	
35 Tire size		front		10-16.5-8P.R.	10-16.5-8P.R.	10-16.5-8P.R.	10-16.5-8P.R.	12-16.5-12P.R.	12-16.5-12P.R.	
36		rear		6.50-10-10P.R.	6.50-10-10P.R.	6.50-10-10P.R.	6.50-10-10P.R.	6.50-10-10P.R.	6.50-10-10P.R.	
37 Wheelbase	Y		in	61.0	61.0	65.0	65.0	72.8	72.8	
38 Tread		Center of tires front	in	40.6	40.6	43.9	43.9	43.9	43.9	
		Center of tires rear	in	38.8	38.8	38.8	38.8	38.8	38.8	
39 Ground clearance	m1	at lowest point	in	7.1	7.1	7.1	7.1	8.1	8.1	
		m2 center of wheelbase	in	10.4	10.4	10.6	10.6	12.1	12.1	
41 Service brake		operation/control		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
42 Parking brake		operation/control		Hand	Hand	Hand	Hand	Hand	Hand	
43 Battery		Type		EFB-130D31L	115D31R	EFB-130D31L	115D31R	EFB-130D31L	115D31R	
		voltage	V	12	12	12	12	12	12	
		capacity	Ah/5hr	85AH/20HR	64	85AH/20HR	64	85AH/20HR	64	
		Dimension	in	12L×6.8W×8.9H	12L×6.8W×8.9H	12L×6.8W×8.9H	12L×6.8W×8.9H	12L×6.8W×8.9H	12L×6.8W×8.9H	
		Weight	lb	48	50	48	50	48	50	
48 Engine		Manufacturer		KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	
		Model		V2403-CR	WG2503-L-E3	V2403-CR	WG2503-L-E3	V2403-CR	WG2503-L-E3	
		Rated speed	rpm	2400	2700	2400	2700	2400	2700	
		Rated Output	Kw	42.6	46	42.6	46	42.6	46	
		cylinders no. /displacement	No./L	4/2434	4/2491	4/2434	4/2491	4/2434	4/2491	
		Fuel consumption	g/kw.h	239@2400	273.1@2700	239@2400	273.1@2700	239@2400	273.1@2700	
54 Transmission		Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	
		stage Fwd./Rev.	no.	1/1	1/1	1/1	1/1	1/1	1/1	
56 Service Pressure			kg/cm2	185	185	185	185	185	185	

* 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.

Tailift Material Handling USA Inc.

14710 John F Kennedy Blvd. Suite 100 Houston, TX 77032

Office : (281)-466-1000 FAX : (281)-864-3847

www.tailift-usa.com

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