



# JEF-T15/18/20

Li-Ion Three-Wheel Counterbalance  
Forklift 1.5/1.8/2.0T **LI-ION**  
TECHNOLOGY

- 80 Volt System Offering Powerful Performance
- Compact Truck Size
- EP Lithium-ion Technology
- Enhanced Mast with Optimal Visibility and Stability

**ZHEJIANG JOCKY MACHINERY  
TECHNOLOGY CO.,LTD**



## FEATURE

### 80 Volt System Offering Powerful Performance

The 80 voltage 2\*5.0 kW dual drive motors offer higher power efficiency than regular 48 voltage, thus The JEF-T series has greatly enhanced its productivity of 6 working hours per charge.



### Compact Truck Size

The JEF-T series features a small turning radius, 1450mm of JEF-T15, 1550mm of JEF-T18 and 1585mm of JEF-T20, which makes it a perfect workhorse for small warehouses with narrow aisles within 3.5m.



### Large Workspace

Due to the compact size of JUKILIFT lithium battery and the ergonomic configuration of the control levers and the foot brake pedal, the small truck offers spacious legroom of 394mm and delivers the best in operation comfort.



### JUKILIFT Lithium-ion Technology

The JEF-T series comes with a JUKILIFT in-house Li-ion battery and a 35A single phase integrated charger with 16amp plug allowing the truck to be charged at any power outlets. The Li-ion battery and the advantage of onboard charging make it ideal for forklift rental business.



### Enhanced Mast with Optimal Visibility and Stability

The JEF-T series adopts the same high-strengthened mast of JEF-T20, offering the best all-around visibility and great stability with less wobbling even fully loaded.

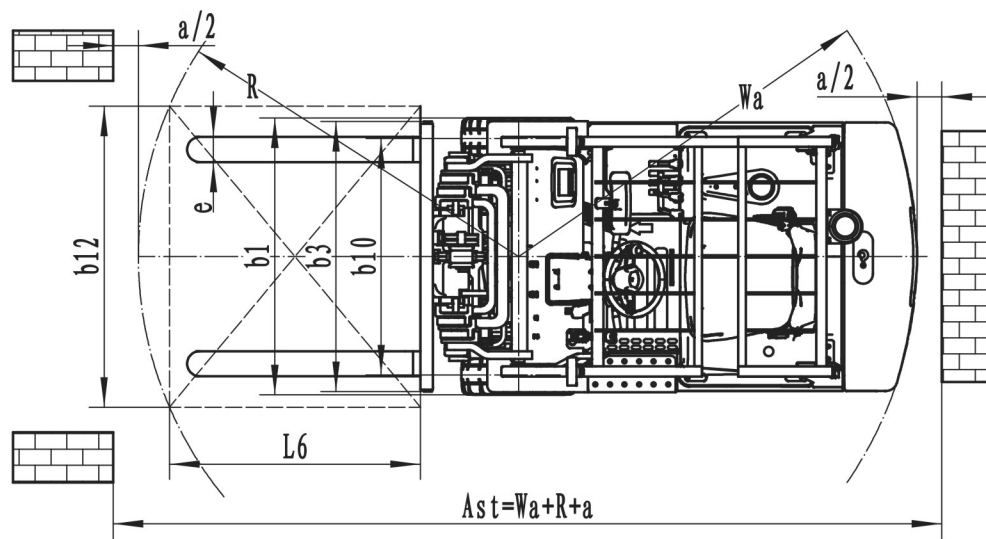
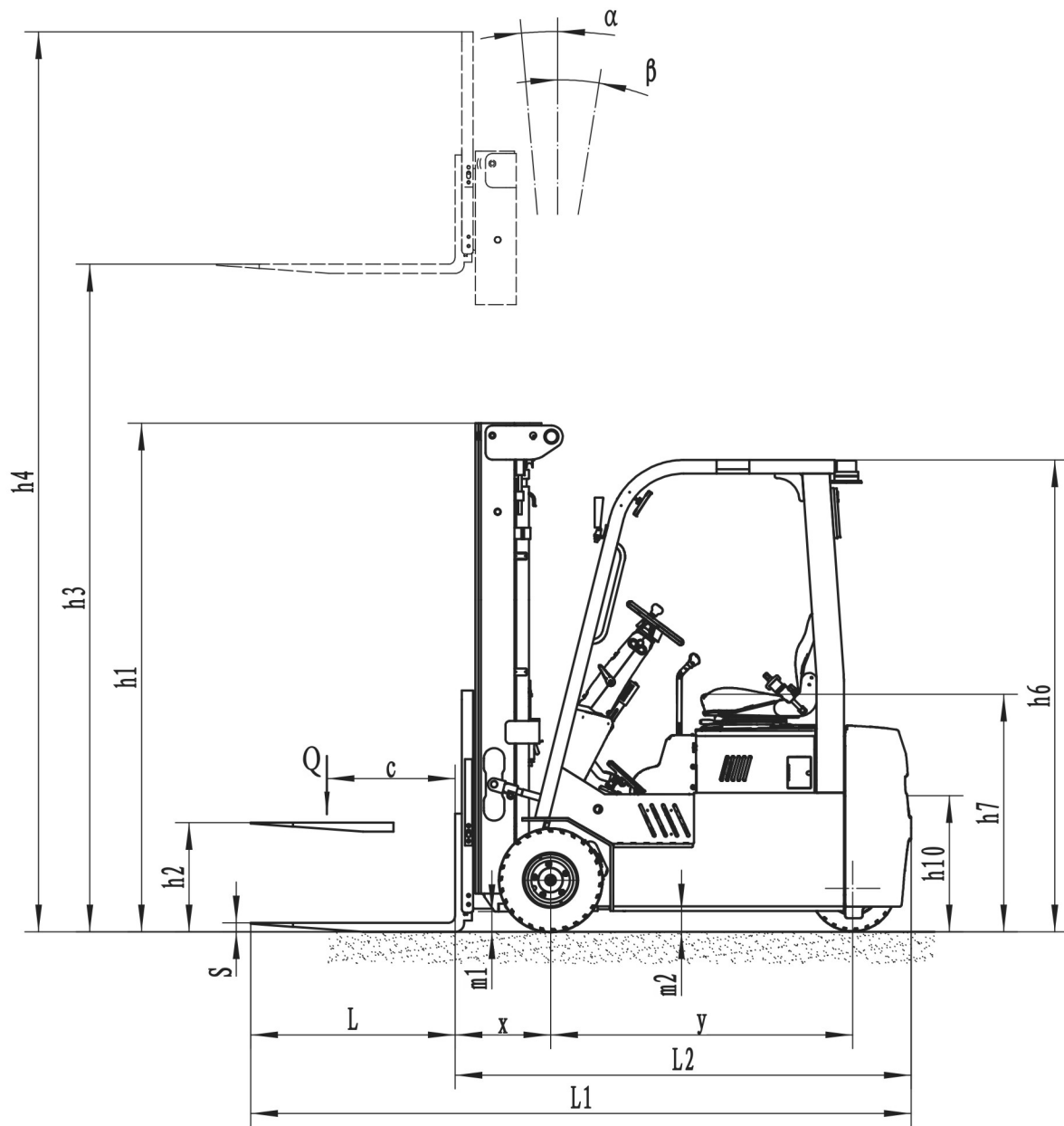


# Li-Ion Three-Wheel Counterbalance Forklift 1.5/1.8/2.0T

## JEF-T15/18/20

Distinguishing mark	1.1	Manufacturer			JUKILIFT	JUKILIFT	JUKILIFT	
	1.2	Model designation			JEF-T15	JEF-T18	JEF-T20	
	1.3	Drive			Electric	Electric	Electric	
	1.4	Operator type			Seated	Seated	Seated	
	1.5	Load capacity	Q	kg	1500	1800	2000	
	1.6	Load center distance	c	mm	500	500	500	
	1.8	Load distance , centre of drive axle to fork	x	mm	420	420	420	
	1.9	Wheelbase	y	mm	1230	1330	1330	
	Service weight	2.1	Service weight		kg	2950	3269	3429
2.2		Axle loading, laden front/rear		kg	3928/522	4415/654	4745/684	
2.3		Axle loading, unladen front/rear		kg	1305/1645	1368/1901	1359/2070	
Tyres/chassis	3.1	Tyre type			Solid	Solid	Solid	
	3.2	Tyre size, front			18X7-8	18X7-8	200/50-10	
	3.3	Tyre size, rear			15X4.5-8	15X4.5-8	15X4.5-8	
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2X/2	2X/2	2X/2	
	3.6	Tread width, front	b10	mm	943	943	969	
	3.7	Tread width, rear	b11	mm	175	175	175	
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	$\alpha/\beta$	°	6/7	6/7	6/7
4.2		Retracted mast height	h1	mm	2075	2075	2075	
4.3		Free lift	h2	mm	100	100	100	
4.4		Lift height	h3	mm	3000	3000	3000	
4.5		Height, mast extended	h4	mm	4055	4055	4055	
4.7		Height of overhead guard (cabin)	h6	mm	2078	2078	2078	
4.8		Seat height/standing height	h7	mm	1050	1050	1050	
4.12		Tow coupling height	h10	mm	600	600	600	
4.19		Overall length	l1	mm	2733	2833	3020	
4.20		Length to face of forks	l2	mm	1813	1913	1950	
4.21		Overall width	b1/b2	mm	1070	1070	1170	
4.22		Fork dimensions	s/e/l	mm	100X40X920	100X40X920	122X40X1070	
4.23		A,B Fork carriage class/type A, B			2A	2A	2A	
4.24		Fork carriage width	b3	mm	1040	1040	1040	
4.31		Ground clearance, laden, below mast	m1	mm	89	89	89	
4.32		Ground clearance, center of wheelbase	m2	mm	92	92	92	
4.34.1		Aisle width for pallets 1000×1200 crossways	Ast	mm	3175	3275	3315	
4.34.2		Aisle width for pallets 800×1200 lengthways	Ast	mm	3300	3400	3435	
4.35		Turning radius	Wa	mm	1450	1550	1585	
Performance data		5.1	Travel speed, laden/unladen		km/h	13/14	13/14	13/14
	5.2	Lifting speed, laden/unladen		m/s	0.33/0.5	0.4/0.5	0.38/0.48	
	5.3	Lowering speed, laden/unladen		m/s	0.55/0.55	0.55/0.55	0.53/0.53	
	5.5	Drawbar pull, laden/unladen		N	—	—	—	
	5.6	Max. drawbar pull, laden/unladen		N	—	—	—	
	5.8	Max. gradeability, laden/unladen		%	10/15	10/15	10/15	
	5.10	Service brake			Hydraulic	Hydraulic	Hydraulic	
	5.11	Parking brake			Mechanical	Mechanical	Mechanical	
	Electric-engine	6.1	Drive motor rating S2 60 min		kW	5.0X2	5.0X2	5.0X2
		6.2	Lift motor rating at S3 15%		kW	11	11	11
		6.4	Battery voltage/nominal capacity		V/Ah	80V/150AH	80V/205AH	80V/205AH
6.5		Battery weight		kg	220	220	220	
Addition data		8.1	Type of drive control			AC	AC	AC
	10.5	Steering design			Hydraulic	Hydraulic	Hydraulic	
	10.7	Sound pressure level at the driver's ear		dB(A)	68	70	74	

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.



# Mast Option

## JEF-T15

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
	No backrest		With backrest	mm		
2-Standard Mast	3000	2075	3740	4055	100	100
	3600	2375	4340	4655	100	100
	4000	2455	4740	5055	100	100
3-Free Mast	4500	2140	5240	5555	1430	1115
	4800	2240	5540	5855	1530	1215
	5000	2305	5740	6055	1595	1280

## JEF-T18/20

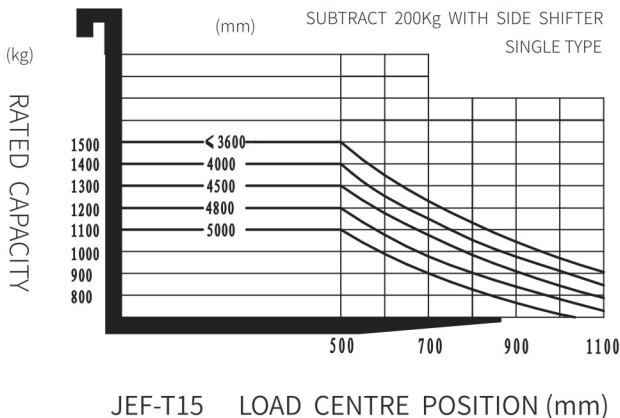
Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
	No backrest		With backrest	mm		
2-Standard Mast	3000	2075	3740	4055	100	100
	3600	2375	4340	4655	100	100
	4000	2455	4740	5055	100	100
3-Free Mast	4500	2140	5240	5555	1430	1115
	4800	2240	5540	5855	1530	1215
	5000*	2305	5740	6055	1595	1280
	5500*	2475	6240	6555	1765	1450
	6000*	2690	6740	7055	1980	1665

### Note\*

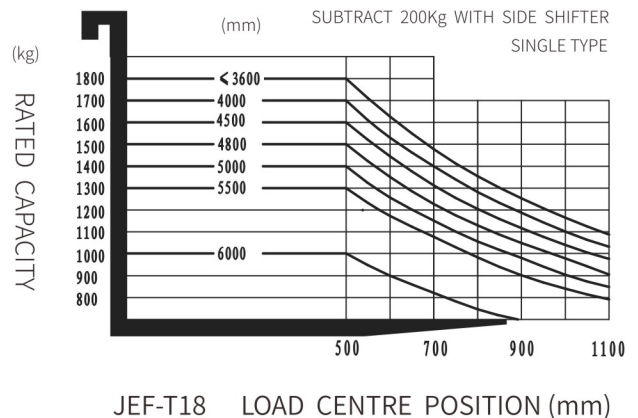
CPD18TVL	Lift height (h3)mm	Tyre size, front	Overall width (b1/b2)mm
3-Free Mast	5000	200/50-10	1170
	5500		
	6000		

\*The parameters of JEF-T18 will be altered in tyre size and overall width, when choosing triplex mast with lift height over 5000mm.

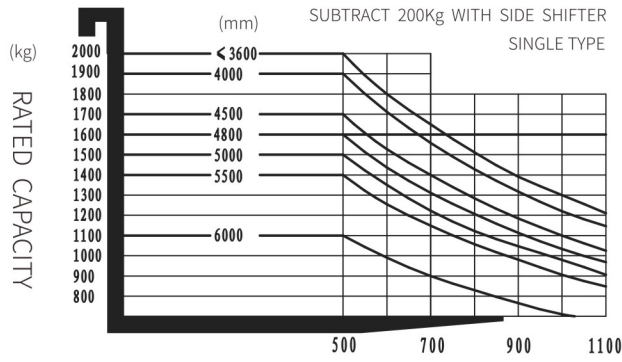
RATED CAPACITIES AND LOAD CENTERS GRAPH



RATED CAPACITIES AND LOAD CENTERS GRAPH



## RATED CAPACITIES AND LOAD CENTERS GRAPH



## Option

No.	Optional items	JEF-T15	JEF-T18	JEF-T20
1.1	Fork dimension	<ul style="list-style-type: none"> <li>●100*40*920○100*40*1070○100*40*1100○100*40*1150</li> <li>○100*40*1220○100*40*1370○100*40*1520○100*40*1800</li> </ul>		<ul style="list-style-type: none"> <li>●122*40*1070○122*40*920</li> <li>○122*40*1150○122*40*1220</li> <li>○122*40*1370○122*40*1500</li> <li>○122*40*1600○122*40*1700</li> <li>○122*40*1820○122*40*1900</li> <li>○122*40*2000○122*40*2200</li> </ul>
1.4	Fork carriage width	●1040mm○Yes and can be customized		
1.5	Fork carriage height	●1067mm ( 42in ) ○1220mm ( 48in ) ○1520mm ( 60in ) ○Yes and can be customized		
2.5	Front wheel material	● Solid○ Non-marking solid		
2.6	Rear wheel material	● Solid○ Non-marking solid		
2.7	Battery capacity	●150Ah	●205Ah	
2.8	Charger	<ul style="list-style-type: none"> <li>●80V-35A single-phase integrated</li> <li>○80V-60A 3-phase integrated</li> <li>○80V-35A single-phase external</li> <li>○80V-65A 3-phase external</li> </ul>	<ul style="list-style-type: none"> <li>●80V-35A single-phase integrated</li> <li>○80V-60A 3-phase integrated</li> <li>○80V-35A single-phase external</li> <li>○80V-65A 3-phase external</li> <li>○80V-100A 3-phase external</li> </ul>	<ul style="list-style-type: none"> <li>●80V-35A single-phase integrated</li> <li>○80V-60A 3-phase integrated</li> <li>○80V-35A single-phase external</li> <li>○80V-65A 3-phase external</li> <li>○80V-100A 3-phase external</li> </ul>
2.9	Battery indicator	●With time		
2.10	Seat type	<ul style="list-style-type: none"> <li>●Regular</li> <li>○Premium</li> <li>○Suspension</li> <li>○Suspension+seatbelt logic switch</li> </ul>	<ul style="list-style-type: none"> <li>●Regular</li> <li>○Premium</li> <li>○Suspension</li> <li>○Suspension+seatbelt logic switch</li> </ul>	<ul style="list-style-type: none"> <li>●Regular</li> <li>○Premium</li> <li>○Suspension</li> <li>○Suspension+seatbelt logic switch</li> </ul>
2.11	Attachments	●No○Built-in sidershifter○External shifter○Adjustable fork		
2.13	Traction pin	●Yes		
3.5	Front lamp	●LED		
3.6	Rear lamp	●No○LED		
3.7	Warning lamp	●Yes		
3.8	Steering lamp	●Yes		
3.9	Blue lamp	●No○2 front○1 rear○2 front +1 rear		
3.10	Area warning lamp	●No○1 left + 1 right (Red)		
3.11	Rearview mirror	●1 in the middle○Add 1 rearview mirror on both sides		
3.12	Buzzer	●Yes		
3.17	OPS system	●Yes		
3.23	Telematics	●No○Yes and not customized		
4.3	Cabin	●No		
4.9	Heater	●No		

Note : ●Standard ○ Optional - Inconformity

## Dimension



**JEF-T15**

Length to face of forks: 1813mm(L2)

overall width: 1070mm(b1/b2)



**JEF-T18**

Length to face of forks: 1913mm(L2)

overall width: 1070mm(b1/b2)



**JEF-T20**

Length to face of forks: 1950mm(L2)

overall width: 1170mm(b1/b2)