

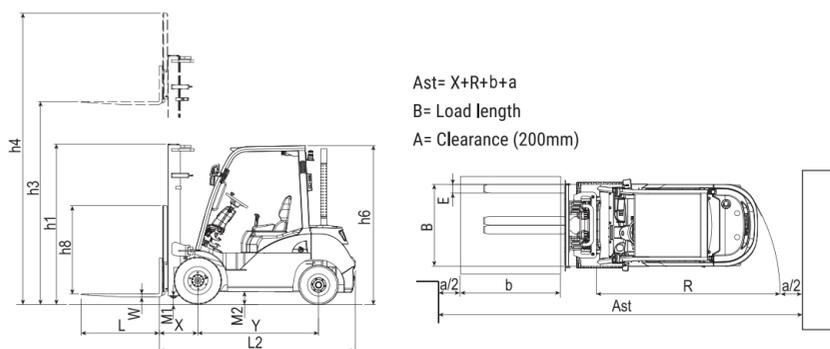
# SPECIFICATION

**8800~11000 lbs**

ZFD 40    ZFG 40    ZFD 45    ZFG 45    ZFD 50    ZFG 50

CHARACTERISTICS									
<b>Capacity</b>	Q	Load	lbs	8800	8800	9900	9900	11000	11000
<b>Load center</b>	C	Distance	in	24	24	24	24	24	24
<b>Power type</b>		Diesel, Gasoline, LPG, Electric		Diesel	LPG	Diesel	LPG	Diesel	LPG
<b>Operation type</b>		Pedestrian, Stand, Sit		Sit	Sit	Sit	Sit	Sit	Sit
<b>Tire type</b>		P=Pneumatic, S=Solide	F/R	P / P	P / P	P / P	P / P	P / P	P / P
<b>Wheels (X:driven)</b>		Number	F/R	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2
DIMENSIONS									
<b>Lift at 2-stage mast</b>	h3	Lift	in	118	118	118	118	118	118
	h2	Standard free lift	in	0	0	0	0	0	0
	h5	Optional free lift	in	40	40	40	40	38	38
<b>Load bracket</b>	h8	Height of load bracket	in	44	44	44	44	46	46
<b>Fork size</b>		Thickness(s)xWidth(e)xLength(l)	in	2.0 x 5.9 x 48	2.0 x 5.9 x 48	2.0 x 5.9 x 48	2.0 x 5.9 x 48	2.4 x 5.9 x 48	2.4 x 5.9 x 48
<b>Mast tilting angle</b>		Forward( $\alpha$ )/Back( $\beta$ )	deg	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°
<b>Overall dimensions</b>	L2	Length to face of forks	in	123	123	125	125	131	131
	B	Total width	in	58.7 / 69.7	58.7 / 69.7	58.7 / 69.7	58.7 / 69.7	58.7 / 69.7	58.7 / 69.7
	h1	Mast height lowered	in	86	86	86	86	86	86
	h4	Mast height extended	in	162	162	162	162	164	164
	h6	Overhead guard height	in	89	89	89	89	89	89
	h7	Seat height	in	52	52	52	52	52	52
	R	Turning radius	in	106	106	113	113	118	118
<b>Load distance</b>	X	From center of front axle	in	22	22	22	22	22	22
<b>Aisle width</b>	Ast	For load 800x1200 / 1000x1200	in	168.1 / 176.0	168.1 / 176.0	175.0 / 182.9	175.0 / 182.9	179.3 / 187.2	179.3 / 187.2
CHASSIS									
<b>Tire size</b>		Number: front/rear		2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
		Front		300-15-20PR.	300-15-20PR.	300-15-20PR.	300-15-20PR.	300-15-20PR.	300-15-20PR.
		Rear		7.00-12-12PR.	7.00-12-12PR.	7.00-12-12PR.	7.00-12-12PR.	7.00-12-12PR.	7.00-12-12PR.
<b>Wheelbase</b>	Y		in	78.7	78.7	80.7	80.7	86.6	86.6
<b>Tread</b>		Center of tires front	in	45.3 / 54.3	45.3 / 54.3	45.3 / 54.3	45.3 / 54.3	45.3 / 54.3	45.3 / 54.3
		Center of tires rear	in	46.9	46.9	46.9	46.9	46.9	46.9
<b>Ground clearance</b>	m1	At lowest point	in	5.5	5.5	5.5	5.5	5.5	5.5
	m2	Center of wheelbase	in	8.7	8.7	8.7	8.7	8.7	8.7
<b>Service brake</b>		Operation/control		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
<b>Parking brake</b>		Operation/control		Hand	Hand	Hand	Hand	Hand	Hand
POWER									
<b>Battery</b>	Type			EFB 130D31L-SMF	EFB 130D31L-SMF	EFB 130D31L-SMF	EFB 130D31L-SMF	EFB 130D31L-SMF	EFB 130D31L-SMF
	Voltage	V		12	12	12	12	12	12
	Capacity	Ah/20hr		85	85	85	85	85	85
	Dimension (LxWxH)	in		12.0 x 6.8 x 8.0	12.0 x 6.8 x 8.0	12.0 x 6.8 x 8.0	12.0 x 6.8 x 8.0	12.0 x 6.8 x 8.0	12.0 x 6.8 x 8.0
	Weight	lbs		48.4	48.4	48.4	48.4	48.4	48.4
<b>Engine</b>	Manufacturer			KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA
	Model			V3307-CR-TIE5B-TFF1	WG3800-L-E5C-TFF1	V3307-CR-TIE5B-TFF1	WG3800-L-E5C-TFF1	V3307-CR-TIE5B-TFF1	WG3800-L-E5C-TFF1
	Rated speed	rpm		2400	2600	2400	2600	2400	2600
	Rated Output	kW		55.4	70	55.4	70	55.4	70
	Cylinders no. /displacement	No./CC		4 / 3331	4 / 3769	4 / 3331	4 / 3769	4 / 3331	4 / 3769
	<b>Transmission</b>	Type			Powershift	Powershift	Powershift	Powershift	Powershift
	Stage Fwd./Rev.	no.		2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1

\* This is only for reference and not subject to notice in advance if there is any modification.    DOC. S/N : DEB092-01



USA

Tailift Material Handling USA Inc.

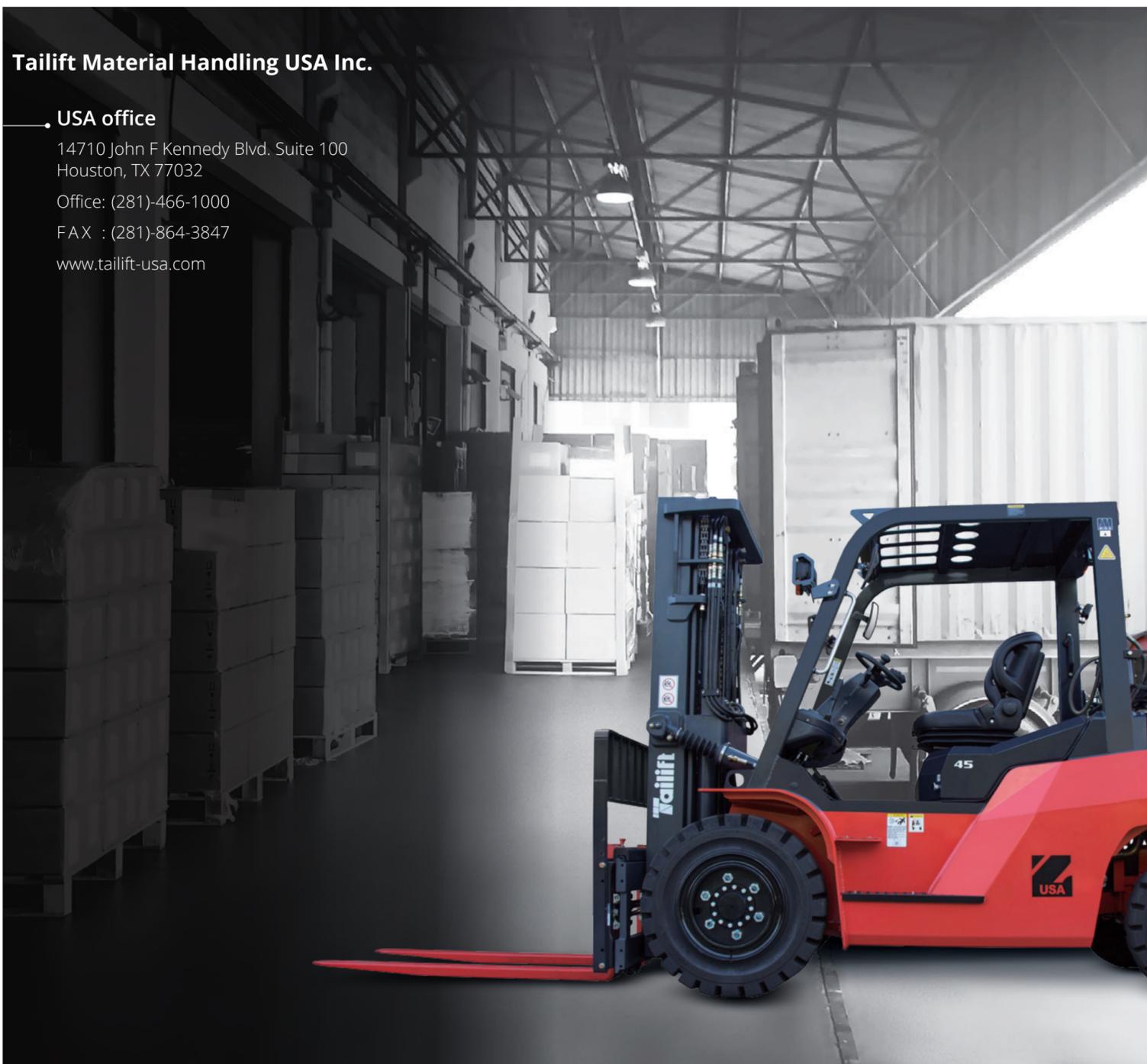
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IC COUNTERBALANCE TRUCK



8800~  
11000 lbs



DOC. S/N: DEB092-01



# TAILIFT FORKLIFT

## FEATURES

**8800~11000 lbs**

NEW Z SERIES counterbalance trucks from Tailift!

Now with **Kubota engines** that comply with the latest EPA Tier 4 + EU Stage V regulations. The advanced EPA Tier 4 technology produces **cleaner emissions and improved performance** to exceed customer's expectations, in both diesel and LPG forklift trucks!

This improved Z SERIES has been designed for increased durability, productivity, comfort, and safety. **Equip with a new transmission created for simple operation and easy maintenance!** The brand-new economy Z SERIES meets customers' essential needs in terms of quality, productivity, and safety!



## NOW WITH KUBOTA ENGINES

### EMISSIONS COMPLIANCE

Created to satisfy rigid EPA Tier 4 + EU Stage V emissions regulations while running cleaner and more effectively.

### HIGH PERFORMANCE LOW FUEL CONSUMPTION ENGINES

The engine's original equipment runs with low emissions. Now with additional post-processing regeneration efficiency!

### OUTSTANDING PERFORMANCE

Engines with stable loading idle, full torque output, and high resistance to stalling at low speeds.

### INCREASED STABILITY

With a built-in high-pressure common rail and fuel injectors, these engines produce less noise and vibrations.

### EASY MAINTENANCE

The Kubota engine is highly integrated and has a compact engine structure. Parts to be maintained are arranged on one side for convenient maintenance.

### ADVANCED DPF TECHNOLOGY

Diesel Particulate Filters (DPF) are essential to meeting EPA emission regulations. With many years of research and improvements, engines now enable automatic regeneration even at low intensity RPMs!



Clear Visibility Above



Clear Visibility Ahead



### CLEAR VISIBILITY FOR OPERATORS

Wide view mast with clear visibility above, ahead, and behind.

### NEW LED LIGHT SYSTEM

These power efficient and sleek new LED lights cover a wider range, are brighter, and last longer than our previous designs!

### REAR LED LIGHTS

The new rear LED visibility light brightens the area behind the forklift, making operation while backing up and squeezing through tight spaces easier. Rear LED combinational lights make the forklift more visible to others.

### HEAVY DUTY CHASSIS

Our heavy duty chassis with no-bolt design provides extra strength for more protection! Making forklifts more suitable for a wide variety of working environments.



### MULTIFUNCTIONAL INSTRUMENT PANEL

This easy to read instrument panel is installed between the steering wheel and left front side wind shield. It conveniently displays the status of the forklift's performance without interfering with steering wheel operations.



### ENLARGED OPERATION SPACE

This spacious floor plan is optimally designed for operational pedals! Wide-open foot space makes for easier and more relaxed movement for forklift operation.



### ADJUSTABLE STEERING WHEEL COLUMN

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



### COMFORTABLE 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.



### NON-SLIP ENTRY STEP

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



### REAR ASSIST GRIP WITH HORN BUTTON

NEW rear grip handle equip with a horn button for easy access while traveling in reverse. Now on all new Z SERIES forklifts!