

# FD15Z/18Z

4 Wheel Internal Combustion Counterbalance



**ZOOMLION**

**LIFTING SOLUTIONS**

## 4 Wheel Internal Combustion Counterbalance

### Tested tough

DISTINGUISHING MARKS	1.1	Manufacturer			Zoomlion	Zoomlion
	1.2	Manufacturer's type designation			<b>FD15Z</b>	<b>FD18Z</b>
	1.3	Drive			Diesel	Diesel
	1.4	Operation			Seated	Seated
	1.5	Rated load	Q	kg	1500	1800
	1.6	Load center distance	c	mm	500	500
	1.8	Load spacing	x	mm	400	400
	1.9	Wheelbase	y	mm	1400	1400
	WEIGHTS	2.1	Service weight (empty)		kg	2680
2.2		Axle loading, laden	front/rear	kg	3680/500	4100/560
2.3		Axle loading, unladen	front/rear	kg	1200/1480	1300/1590
TYRES/CHASSIS	3.1	Tyres			SE	SE
	3.2	Tyres size	front		6.5-10-10PR	6.5-10-10PR
	3.3	Tyres size	rear		5.00-8-10PR	5.00-8-10PR
	3.5	Wheels, number (x = driven)			2x / 2	2x / 2
	3.6	Tread (front/rear)	b10/b11	mm	920/890	920/890
	BASIC DIMENSIONS	4.1	Tilt of mast / Fork carriage (+ = forward)		°	+6 / -12
4.2		Height with mast lowered	h1	mm	1990	1990
4.3		Free lift	h2	mm	130	130
4.4		Rated lift (*) (**)	h3	mm	3000	3000
4.5		Height with mast extended	h4	mm	4025	4025
4.7		Height above cabin roof	h6	mm	2050	2050
4.8		Seat height in terms of SIP	h7	mm	960	960
4.9		Couplings height	h10	mm	320	320
4.19		Overall length (without forks)	l1	mm	2250	2250
4.20		Length at fork backs	l2	mm	3170	3170
4.21		Overall width	b1	mm	1086	1086
4.22		Fork dimensions	s/e/l	mm	40/100/920	40/100/920
4.23		Fork carriage ISO 2328, class/type A,B			III A	III A
4.24		Fork carriage width	b3	mm	970	970
4.31		Ground clearance under mast	m1	mm	105	105
4.32		Ground clearance wheel base center	m2	mm	130	130
4.34.1		Working aisle width with pallet 1000 x 1200 crossways	Ast	mm	3860	3860
4.34.2		Working aisle width with pallet 800 x 1200 lengthways	Ast	mm	4060	4060
4.35		Turning radius	Wa	mm	2060	2060
4.36		Smallest pivoting distance	b13	mm	600	600
PERFORMANCE	5.1	Driving Speed (laden/unladen)		km/h	14,5/16	14,5/16
	5.2	Lifting Speed (laden/unladen)		m/s	0,31/0,33	0,31/0,33
	5.3	Lowering speed (laden/unladen)		m/s	0,6/0,3	0,6/0,3
	5.5	Drawbar pull (laden/unladen)		N	16	16
	5.8	Max. gradeability (laden/unladen)		%	20	20
	5.10	Service brake			Mech / Hydr	Mech / Hydr
ENGINES' DATA	7.1	Engine manufacturer/model			ISUZU C240PKJ	ISUZU C240PKJ
	7.2	Engine power acc. ISO1585		kW	34,3	34,3
	7.3	Rated Speed		1/min	2500	2500
	7.4	Cylinder n° / Displacement		n° / cm <sup>3</sup>	04/2369	04/2369
MISCELLANEOUS	10.1	Working pressure for accessory equipment		bar	17,5	17,5
	10.2	Oil volume for accessory equipment		l/min	50	50
	10.7	Sound pressure Level LpAZ (operator position, open cab)		dB(A)	79	79
	10.8	Towing coupling, DIN type			Pin	Pin

(\*) the Rated lift stated includes the tyre deflection and tyre diameter tollerances

(\*\*) values with standard forks; this values may vary

