

# FD25RW/30RW/35RW

4 Wheel Internal Combustion Counterbalance



**ZOOMLION**

**LIFTING SOLUTIONS**

## 4 Wheel Internal Combustion Counterbalance

### Tested tough

DISTINGUISHING MARKS	1.1	Manufacturer			Zoomlion	Zoomlion	Zoomlion
	1.2	Manufacturer's type designation			<b>FD25RW</b>	<b>FD30RW</b>	<b>FD35RW</b>
	1.3	Drive			Diesel	Diesel	Diesel
	1.4	Operation			Seated	Seated	Seated
	1.5	Rated load	Q	kg	2500	3000	3500
	1.6	Load center distance	c	mm	500	500	500
	1.8	Load spacing	x	mm	480	480	485
	1.9	Wheelbase	y	mm	1600	1700	1700
	WEIGHTS	2.1	Service weight (empty)		kg	4050	4350
2.2		Axle loading, laden	front/rear	kg	5760/790	6470/880	7775/975
2.3		Axle loading, unladen	front/rear	kg	1820/2230	1960/2390	1980/2570
TYRES/CHASSIS	3.1	Tyres			SE	SE	SE
	3.2	Tyres size	front		7.00-12-12PR	28x9-15-12PR	28x9-15-12PR
	3.3	Tyres size	rear		6.00-9-10PR	6.00-9-10PR	28x9-15-12PR
	3.5	Wheels, number (x = driven)			2x / 2	2x / 2	2x / 2
	3.6	Tread (front/rear)	b10/b11	mm	970/970	1000/970	1000/970
	BASIC DIMENSIONS	4.1	Tilt of mast / Fork carriage (+ = forward)		°	+6 / -12	+6 / -12
4.2		Height with mast lowered	h1	mm	2150	2200	2200
4.3		Free lift	h2	mm	135	145	160
4.4		Rated lift (*) (**)	h3	mm	3000	3000	3000
4.5		Height with mast extended	h4	mm	4260	4260	4260
4.7		Height above cabin roof	h6	mm	2050	2100	2100
4.8		Seat height in terms of SIP	h7	mm	970	970	970
4.9		Couplings height	h10	mm	330	385	385
4.19		Overall length (without forks)	l1	mm	2650	2780	2830
4.20		Length at fork backs	l2	mm	3720	3850	3900
4.21		Overall width	b1	mm	1230	1230	1230
4.22		Fork dimensions	s/e/l	mm	40/122/1070	45/125/1070	50/125/1070
4.23		Fork carriage ISO 2328, class/type A,B			III A	III A	III A
4.24		Fork carriage width	b3	mm	1038	1100	1100
4.31		Ground clearance under mast	m1	mm	110	120	120
4.32		Ground clearance wheel base center	m2	mm	140	150	150
4.34.1		Working aisle width with pallet 1000 x 1200 crossways	Ast	mm	4305	4380	4435
4.34.2		Working aisle width with pallet 800 x 1200 lengthways	Ast	mm	4505	4580	4635
4.35	Turning radius	Wa	mm	2425	2500	2550	
4.36	Smallest pivoting distance	b13	mm	810	810	810	
PERFORMANCE	5.1	Driving Speed (laden/unladen)		km/h	18/20	20/20	20/20
	5.2	Lifting Speed (laden/unladen)		m/s	0,47/0,52	0,47/0,52	0,47/0,52
	5.3	Lowering speed (laden/unladen)		m/s	0,6/0,3	0,6/0,3	0,6/0,3
	5.5	Drawbar pull (laden/unladen)		N	18	18	18
	5.8	Max. gradeability (laden/unladen)		%	20	20	20
	5.10	Service brake			Mech / Hydr	Mech / Hydr	Mech / Hydr
ENGINES' DATA	7.1	Engine manufacturer/model			Mitsubishi S4S-474	Mitsubishi S4S-474	Mitsubishi S4S-474
	7.2	Engine power acc. ISO1585		kW	35,3	35,3	35,3
	7.3	Rated Speed		1/min	2250	2250	2250
	7.4	Cylinder n° / Displacement		n° / cm <sup>3</sup>	04/3331	04/3331	04/3331
MISCELLANEOUS	10.1	Working pressure for accessory equipment		bar	17,5	17	17
	10.2	Oil volume for accessory equipment		l/min	70	70	70
	10.7	Sound pressure Level LpAZ (operator position, open cab)		dB(A)	79	79	79
	10.8	Towing coupling, DIN type			Pin	Pin	Pin

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

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

