

## LS-RT50-4 FORKLIFT



		LIFTSMART		
Distinguishing mark	1.1	Manufacturer		
	1.2	Manufacturer's type designation	LS-RT50-4	LS-RT50
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Diesel	Diesel
	1.4	Operator type	Seated	Seated
	1.5	Rated capacity/nated load	Q (kg)	5000
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	735
	1.9	Wheelbase	y (mm)	2150
	Weight	2.1	Service Weight	kg
2.2		Axle loading, laden front/rear	kg	12300/1600
2.3		Axle loading, unladen front/rear	kg	4250/4650
Tyres, chassis	3.1	Tyres	Pneumatic	Pneumatic
	3.2	Tyre size, front	445/85-22.5	445/85-22.5
	3.3	Tyre size, rear	12.5/80-18	12.5/80-18
	3.5	Wheels, number front / rear (x = driven wheels)	4x4	4x2
	3.6	Tread, front	b10 (mm)	1660
	3.7	Tread, rear	b11 (mm)	1760
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	$\alpha / \beta$ (°)
4.2		Height, mast lowered	h1 (mm)	2685
4.3		Free lift	h2 (mm)	260
4.4		Lift	h3 (mm)	3000
4.5		Height, mast extended	h4 (mm)	4534
4.7		Height of overhead guard (cabin)	h5 (mm)	2575
4.19		Overall length	l1 (mm)	4865
4.20		Length to face of forks	l2 (mm)	3665
4.21		Overall width	b1 (mm)	2105
4.22		Fork dimensions ISO 2331	s1/s1 (mm)	60x150x1220
4.23		Fork carriage DIN 15 173 --- ISO 2328, class/type A,B		B
4.24		Fork carriage width	b2 (mm)	1950
4.25		Distance between fork-arms	b3 (mm)	290-1950
4.31		Ground clearance, laden, below mast	m1 (mm)	385
4.32		Ground clearance, centre of wheelbase	m2 (mm)	370
4.34		Axle width	A1x1 (mm)	6305
4.35	Turning radius	W1 (mm)	3550	
Performance Data	5.1	Travel speed, laden/unladen	km/h	25/25
	5.2	Lift speed, laden	m/s	0.45/0.52
	5.3	Lowering speed, laden	m/s	0.5/0.43
	5.5	Drawbar pull, laden	N	95000
	5.7	Gradeability, laden	%	55
	5.10	Service brake		Hydraulic
		Parking brake		Mechanical
Combustion-engine	7.1	Engine manufacturer/type		Cummins QSF3.8i3TC115
		Emission STD		EURO IIIA/GB3
	7.2	Engine power according to DIN ISO 1585	kw/r/min	86/2200
	7.3	Rated speed	Nem/r/min	470/1100-1700
	7.4	Number of cylinders/displacement	(-)/(cm <sup>3</sup> )	4/3760
7.10	Battery voltage/nominal capacity	V/Ah	24/90	
Additional data	10.3	Hydraulic Tank - capacity (drain & refill)	litres	115
	10.4	Fuel tank capacity	litres	120

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Type	Model	Max.fork height	Overall height			Free lift		Front Overhang (mm)	Tilt range	
			Lowered (mm)	Extended		Without backrest (mm)	With backrest (mm)		FWD	BWD
				Without backrest (mm)	With backrest (mm)					
		mm	5t	5t	5t	5t	5t	(°)	(°)	
Wide view mast	LS-RT50LS-RT50-4M300	3000	2685	4183	4534	160	160	735	15	15
	LS-RT50LS-RT50-4M330	3300	2835	4483	4834	160	160	735	15	15
	LS-RT50LS-RT50-4M350	3500	2935	4683	5034	160	160	735	15	15
	LS-RT50LS-RT50-4M370	3700	3035	4883	5234	160	160	735	15	15
	LS-RT50LS-RT50-4M400	4000	3185	5183	5534	160	160	735	15	15
	LS-RT50LS-RT50-4M450	4500	3485	5685	6034	160	160	735	15	15
Wide view full free up/down mast	LS-RT50LS-RT50-4N400	4000	2760	5470	5534	1300	1051	804	15	15
	LS-RT50LS-RT50-4N430	4300	2850	5740	5834	1420	1141	804	15	15
	LS-RT50LS-RT50-4N450	4500	2910	5920	6034	1500	1201	804	15	15
	LS-RT50LS-RT50-4N480	4800	3010	6220	6334	1600	1301	804	15	15
	LS-RT50LS-RT50-4N500	5000	3060	6399	6534	1671	1351	804	10	15
	LS-RT50LS-RT50-4N550	5500	3260	6970	7034	1800	1551	804	10	15
	LS-RT50LS-RT50-4N600	6000	3410	7420	7534	2000	1701	804	10	15

