

## LS-RT25-35 FORKLIFT



			LIFTSMART			
Distinguishing mark	1.1	Manufacturer				
	1.2	Manufacturer's type designation	LS-RT25	LS-RT30	LS-RT35	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Diesel	Diesel	Diesel	
	1.4	Operator type	Seated	Seated	Seated	
	1.5	Rated capacity/rated load	Q (kg)	2500	3000	3500
	1.6	Load centre distance	c (mm)	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	585	600	600
	1.9	Wheelbase	y (mm)	1880	1880	1880
	Weight	2.1	Service Weight	kg	4670	5120
2.2		Axle loading, laden front/rear	kg	6050/1120	7080/1040	7800/1080
2.3		Axle loading, unladen front/rear	kg	2010/2660	2300/2820	2280/3100
Tyres, chassis	3.1	Tyres	Pneumatic			
	3.2	Tyre size, front	12-16.5-14PR	14-17.5-14PR	14-17.5-14PR	
	3.3	Tyre size, rear	27x10-12-12PR	27x10-12-12PR	27x10-12-12PR	
	3.5	Wheels, number front / rear (x = driven wheels)	2x/2			
	3.6	Tread, front	b <sub>10</sub> (mm)	1250	1250	1250
	3.7	Tread, rear	b <sub>11</sub> (mm)	1200	1200	1200
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	10/12	10/12	10/12
	4.2	Height, mast lowered	h <sub>1</sub> (mm)	2215	2350	2350
	4.3	Free lift	h <sub>2</sub> (mm)	140	145	145
	4.4	Lift	h <sub>3</sub> (mm)	3000	3000	3000
	4.5	Height, mast extended	h <sub>4</sub> (mm)	4122	4142	4142
	4.7	Height of overhead guard (cabin)	h <sub>6</sub> (mm)	2390	2420	2420
		Height of lowered overhead guard (cabin)	h <sub>6</sub> (mm)	2240	2270	2270
	4.19	Overall length	l <sub>1</sub> (mm)	4205	4220	4220
	4.20	Length to face of forks	l <sub>2</sub> (mm)	2985	3000	3000
	4.21	Overall width	b <sub>1</sub> (mm)	1557	1599	1599
	4.22	Fork dimensions	s/e/l (mm)	40x122x1220	50x122x1220	50x122x1220
	4.23	Fork carriage DIN 15 173 --- ISO 2328, class/type A,B		B	B	B
	4.24	Fork-carriage width	b <sub>3</sub> (mm)	1150	1150	1150
	4.25	Distance between fork-arms	b <sub>5</sub> (mm)	290-1150	290-1150	290-1150
	4.31	Ground clearance, laden, below mast	m <sub>1</sub> (mm)	240	270	270
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	270	300	300
	4.34	Aisle width	A <sub>st</sub> (mm)	4885	4900	4900
	4.35	Turning radius	W <sub>a</sub> (mm)	2900	2900	2900
	Performance data	5.1	Travel speed, laden/unladen	km/h	24/26	26/28
5.2		Lift speed, laden/unladen	m/s	0.620/0.640	0.490/0.510	0.430/0.510
5.3		Lowering speed, laden/unladen	m/s	0.500/0.440	0.500/0.450	0.500/0.450
5.5		Drawbar pull, laden	N	21000	22000	23000
5.7		Gradeability, laden	%	27	22	22
5.10		Service brake		Hydraulic	Hydraulic	Hydraulic
	Parking brake		Mechanical	Mechanical	Mechanical	
Electric engine	7.1	Engine manufacturer/type	YANMAR 4TNE98			
	7.2	Engine power according to DIN ISO 1585	kw/r/min	42.1/2300	42.1/2300	42.1/2300
	7.3	Rated speed	N-m/r/min	196/1700	196/1700	196/1700
	7.4	Number of cylinders/displacement	(-)/(cm <sup>3</sup> )	4/3319	4/3319	4/3319
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/90	12/90
Additional data	10.3	Hydraulic Tank - capacity (drain & refill)	litre	65	65	65
	10.4	Fuel tank capacity	litre	65	65	65

## LS-RT25-35 FORKLIFT



Type	Model	Max.fork height	Overall height						Free lift				Front Overhang		Tilt range		Residual load capacity	
			Lowered (mm)		Extended				Without backrest (mm)		With backrest (mm)		2.5t	3/3.5t	FWD	BWD	Load Center 500mm	
			2.5t	3/3.5t	Without backrest (mm)		With backrest (mm)		2.5t	3/3.5t	2.5t	3/3.5t					ISO 22915-13	
					mm	mm	2.5t	3/3.5t					2.5t	3/3.5t	2.5t	3t		
Wide view mast	LS-RT25-35M300	3000	2215	2350	3782	3993	4122	4142	140	145	140	145	585	600	10	12	2500	3000
	LS-RT25-35M330	3300	2365	2500	4082	4293	4422	4442	140	145	140	145	585	600	10	12	2500	3000
	LS-RT25-35M350	3500	2465	2600	4282	4493	4622	4642	140	145	140	145	585	600	10	12	2500	2800
	LS-RT25-35M370	3700	2615	2700	4482	4693	4822	4842	140	145	140	145	585	600	10	12	2500	2600
	LS-RT25-35M400	4000	2815	2950	4782	4993	5122	5142	140	145	140	145	585	600	10	12	2100	2400
Wide view full free triplex mast	LS-RT25-35M450	4500	3065	3200	5282	5493	5622	5642	140	145	140	145	585	600	10	12	1800	2000
	LS-RT25-35N400	4000	2115	2300	4860	5025	5122	5269	1255	1275	933	970	495	618	10	12	2000	2300
	LS-RT25-35N430	4300	2215	2400	5160	5325	5422	5569	1355	1375	1093	1070	603	618	10	12	1900	2100
	LS-RT25-35N450	4500	2265	2450	5360	5525	5622	5769	1405	1425	1143	1120	603	618	10	12	1700	1900
	LS-RT25-35N470	4700	2365	2550	5560	5725	5822	5969	1505	1525	1243	1170	603	618	10	12	1400	1500
	LS-RT25-35N500	5000	2515	2700	5860	6025	6122	6269	1655	1675	1393	1270	603	618	6	6	1100	1200
	LS-RT25-35N550	5500	2715	2900	6360	6525	6622	6769	1855	1875	1593	1420	603	618	6	6	800	900
LS-RT25-35N600	6000	2965	3150	6860	7025	7122	7269	2105	2125	1843	1670	603	618	6	6	600	700	

## Dimensions

