

REACH STACKER FT 13-50



1 Lifting data			
1.1	Lift capacities (at load center L1/L2/L3)	kg	13000 / 9000 / 5500
1.2	Lift capacities (at load center L1/L2/L3, at max lifting height)	kg	8000 / 5000 / 4000
1.3	Load centers (L1/L2/L3)	mm	2100 / 3850 / 6350
1.4	Lifting speed, unloaded/at rated load	m/s	0,45/0,28
1.5	Lowering speed, unloaded/at rated load	m/s	0,36/0,42
2 Driving speed			
2.1	Drive speed forward (unloaded/at rated load)	km/h	25/12
2.2	Drive speed reverse (unloaded/ at rated load)	km/h	25/12
2.3	Max incline (unloaded/ at rated load)	%	25/30
2.4	Towbar pull max	kN	200
3 Weight			
3.1	Service weight	kg	41780
3.2	Axle pressure front (unloaded / at rated load)	kg	23780/43830
3.3	Axle pressure rear (unloaded / at rated load)	kg	18000/10950
4 Engine			
4.1	Engine make / model name		Volvo/ TAD881VE
4.2	Emission approval EU/US		Stage5
4.3	Fuel		Diesel
4.4	Max Power at rpm	kW / rpm	185kW at 2100rpm
4.5	Max Torque at rpm	Nm / rpm	1175Nm at 1400rpm
4.6	N° cylinders / Displacement	N/cc	6/7700
4.7	Specific fuel consumption	l/h	12 - 14
4.8	Alternator type/power/capacity	/W/Amp	AC/3080/110
4.9	Battery (N°, Voltage, Capacity)	/V/Ah	4, 12, 88A
5 Transmission			
5.1	Brand / model		DANA TE 14
5.2	Type		Hydrodynamic
5.3	N° of gears Fw/ Rw		4/4
6 Drive Axle			
6.1	Make /model		Kessler D91
6.2	Type/ widht	mm	Rigid/4500
7 Steering Axle			
7.1	Make /model		OMCI/ASF243
7.2	Steering system		Double acting single cylinder
8 Brake System			
8.1	Machine brakes		Wet disc brakes-hydraulic operated
8.2	Parking brakes		Dry disc
9 Wheels			
9.1	Number of Wheels (front + rear) and type		4+2 Pneumatic
9.2	Tire pressure (front + rear)	Bar	10
9.3	Tire dimensions and ply rating (front + rear)		14.00-24 (PR28)
9.4	Rim dimensions (front + rear)		10.00-24
10 Hydraulic System			
10.1	Pumps (number/ type/ Brand)		Two double gear pumps Parker
10.2	Hydraulic oil cooling system		High efficiency radiator with electric fan
10.3	Max working pressure	Bar	240
11 Cabin			
11.1	Type		Closed cabin with air conditioning
11.2	Internal Noise Level EN12053	db	72
11.2	Mechanical displacement (standard)	mm	400
11.3	hydraulic displacement (optional)	mm	400
12 Tanks capacity			
12.1	Hydraulic oil	l	560
12.2	Fuel diesel	l	450
12.3	Ad-Blue	l	25
13 Lift equipment and spreader			
13.1	Spreader type/make/model		Toplift/Mec Service/ SRS100
13.2	Spreader locking containers/ lifting eyes		4x top twist locks/ 4 x in corners
13.3	Sideshift stroke	mm	+800
13.4	Spreader rotation	°	-95°/+185°
13.5	Pile slope (type and stroke "°")	/mm	Mechanical/+3°

