

FORK LIFT FTF 42-12



1	Lifting capacities		
1.1	Lift capacities at load center C	kg	42000
1.2	Load center "C"	mm	1225
1.3	Lift height with simplex mast	mm	5100
1.4	Lifting speed (unloaded/at rated load)	m/s	0,21/0,26
1.5	Lowering speed (unloaded/at rated load)	m/s	0,30/0,25
1.6	Mast Tilt Forward/Backward	°	5/12
2	Driving speed		
2.1	Drive speed forward (unloaded/at rated load)	km/h	23/24
2.2	Drive speed reverse (unloaded/ at rated load)	km/h	23/25
2.3	Max incline (unloaded/ at rated load)	%	30/28
2.4	Towbar pull max	kN	300
3	Weight		
3.1	Service weight	kg	55500
3.2	Axle pressure front (unloaded / at rated load)	kg	27500/89200
3.3	Axle pressure rear (unloaded / at rated load)	kg	28000/8300
3.4	Stability factor		1,4
4	Engine		
4.1	Engine make / model name		Volvo/ TAD1180VE
4.2	Emission approval EU/US		Stage5
4.3	Fuel		Diesel
4.4	Max Power at rpm	kW a rpm	235kW at 2100rpm
4.5	Max Torque at rpm	Nm at rpm	1581Nm at 1400rpm
4.6	N° cylinders / Displacement	N/cc	6/10840
4.7	Specific fuel consumption	l/h	18 - 20
4.8	Alternator type/power/capacity	/W/Amp	AC/3080/110
4.9	Battery (N°, Voltage, Capacity)	/V/Ah	4, 12V, 88A
5	Transmission		
5.1	Brand / model		DANA TE30
5.2	Type		Hydrodynamic
5.3	N° of gears Fw/ Rw		5/3
6	Drive Axle		
6.1	Make /model		Kessler D102
6.2	Type/ width	mm	Rigid/4200
7	Steering Axle		
7.1	Make /model		OMCI/ASF233
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)		18.00-25 (PR40)
9.4	Rim dimensions (front + rear)		13.00-25
10	Hydraulic System		
10.1	Pumps (number/ type/ Brand)		One triple gear pumps Parker
10.2	Hydraulic oil cooling system		High efficiency radiator with electric fan
10.3	Max working pressure	Bar	250
11	Cabin		
11.1	Type		Closed cabin with air conditioning
11.2	Internal Noise Level EN12053	db	72
12	Tanks capacity		
12.1	Hydraulic oil	l	850
12.2	Fuel diesel	l	580
12.3	Ad-Blue	l	45
13	Forks		
13.1	Type		"Terminal west"
13.2	Sizes (Lenght x width x thickness)	mm	2450x300x150
13.3	Fork translation and positioner	mm	+/- 450

