FORK LIFT FTF 18-12



1	Lifting capacities		
1.1	Lift capacities at load center C	kg	18000
1.2	Load center "C"	mm	1225
1.3	Lift height with simplex mast	mm	4000
1.4	Lifting speed (unloaded/at rated load)	m/s	0,36/0,33
1.5	Lowering speed (unloaded/at rated load)	m/s	0,25/0,26
1.6	Mast Tilt Forward/Backward	· ·	6/12
2	Driving speed		
2.1	Drive speed forward (unloaded/at rated load)	km/h	25/24
2.2	Drive speed reverse (unloaded/ at rated load)	km/h	25/24
2.3	Max incline (unloaded/ at rated load)	%	26/24
2.4	Towbar pull max	kN	150
3	Weight		
3.1	Service weight	kg	26500
3.2	Axle pressure front (unloaded / at rated load)	kg	12000/40000
3.3	Axle pressure rear (unloaded / at rated load)	kg	14500/4500
3.4	Stability factor		1,45
4	Engine		
4.1	Engine make / model name		Volvo/TAD 582 VE
4.2	Emission approval EU/US		Stage 5
4.3	Fuel		Diesel
4.4	Max Power at rpm	kW / rpm	160kW at 2000rpm
4.5	Max Torque at rpm	Nm / rpm	925Nm at 1380rpm
4.6	N° cylinders / Displacement	N/cc	4/5130
4.7	Specific fuel consumption	l/h	10 - 15
4.8	Alternator type/power/capacity	/W/Amp	AC/3080/110
4.9	Battery (N°, Voltage, Capacity)	/V/Ah	2, 12V, 88A
5	Transmission		
5.1	Brand / model		ZF 3WG171
5.2	Туре		Hydrodinamic
5.3	N° of gears Fw/ Rw		3/3
6	Drive Axle		
6.1	Make /model		Kessler D81
6.2	Type/ width	mm	Rigido/2500
7	Steering Axle		
7.1	Make /model		OMCI/ASF253
7.2	Steering system		Double acting single cylinder
8	Brake System		
8.1			Wet disc brakes-hydraulic operated
	Machine brakes		
8.2	Machine brakes Parking brakes		Dry disc
8.2 9	Parking brakes		
9	Parking brakes Wheels		
	Parking brakes Wheels Number of Wheels (front + rear) and type	Bar	Dry disc
9 9.1	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear)	Bar	Dry disc 4+2 Pneumatic 10
9 9.1 9.2	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear)	Bar	Dry disc 4+2 Pneumatic
9 9.1 9.2 9.3	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear)	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20)
9 9.1 9.2 9.3 9.4 10	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24
9 9.1 9.2 9.3 9.4 10 10.1	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand)	Bar Control Co	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker
9.1 9.2 9.3 9.4 10	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system	Bar Control Co	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24
9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure		Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan
9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin		Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.1 11.2	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053		Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.2 12 12 12	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72
9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.1 11.2 12.1	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 350
9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.1 11.2 12.1 12.2	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil Fuel diesel	Bar	Dry disc Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 350 260
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.2 12.1 12.2 12.3	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil Fuel diesel Ad-Blue	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 350
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.2 12.1 12.2 12.3 13	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil Fuel diesel Ad-Blue Forks	Bar	Dry disc Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 350 260 25
9.1 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.2 12.1 12.2 12.3 13.1	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil Fuel diesel Ad-Blue Forks Type	Image: Constraint of the second se	Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 Closed cabin with air conditioning 72 350 260 25 "Terminal west"
9 9.1 9.2 9.3 9.4 10.1 10.2 10.3 11.1 11.2 12.1 12.2 12.3 13	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear) Hydraulic System Pumps (number/ type/ Brand) Hydraulic oil cooling system Max working pressure Cabin Type Internal Noise Level EN12053 Tanks capacity Hydraulic oil Fuel diesel Ad-Blue Forks	Bar	Dry disc Dry disc 4+2 Pneumatic 10 12.00-24 (PR20) 8,5-00-24 One triple gear pumps Parker High efficiency radiator with electric fan 220 Closed cabin with air conditioning 72 350 260 25

