## EMPTY CONTAINER LIFT TRUCK FT 20-H6 DB



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1	Lifting capacities		
1.1	Lift capacities at load center C	kg	9000
1.2	Load center "C"	mm	1220
1.3	Stacking height (9' 6"/8' 6" containers)		4+2/5+2
1.4	Lifting speed (unloaded/at rated load)	m/s	0,57/0,55
1.5	Lowering speed (unloaded/at rated load)	m/s	0,52/0,54
1.6	Mast Tilt Forward/Backward	0	3/6
2	Driving speed		
2.1	Drive speed forward (unloaded/at rated load)	km/h	25/25
2.2	Drive speed reverse (unloaded/at rated load)	km/h	25/25
2.3	Max incline (unloaded/ at rated load)	%	30/25
2.4	Towbar pull max	kN	160
	·	KIV	100
3	Weight		
3.1	Service weight	kg	34200
3.2	Axle pressure front (unloaded / at rated load)	kg	21600/35470
3.3	Axle pressure rear (unloaded / at rated load)	kg	12600/7730
3.4	Stability factor		2,59
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 2000rpm
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	I/h	14 to 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 TE14
5.2	Type		Hydrodinamic
5.3	N° of gears Fw/ Rw		4/4
			7/ 7
6	Drive Axle		
6.1	Make /model		Kessler D81
6.2	Type/ widht	mm	Rigid/3790
7	Steering Axle		
7.1	Make /model		OMCI/ASF253
7.2	Steering system		Double acting single cylinder
8	Brake System		
8.1	Machine brakes		Wet disc brakes-hydraulic operated
8.2	Parking brakes		
9			Dry disc
	Wheels		Dry disc
	Wheels Number of Wheels (front + rear) and type		
9.1	Number of Wheels (front + rear) and type	Bar	4+2 Pneumatic
9.1 9.2	Number of Wheels (front + rear) and type Tire pressure (front + rear)	Bar	4+2 Pneumatic 10
9.1 9.2 9.3	Number of Wheels (front + rear) and type  Tire pressure (front + rear)  Tire dimensions and ply rating (front + rear)	Bar	4+2 Pneumatic 10 12.00-24 (PR24)
9.1 9.2 9.3 9.4	Number of Wheels (front + rear) and type Tire pressure (front + rear) Tire dimensions and ply rating (front + rear) Rim dimensions (front + rear)	Bar	4+2 Pneumatic 10
9.1 9.2 9.3 9.4	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	4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24
9.1 9.2 9.3 9.4 <b>10</b>	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	4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker
9.1 9.2 9.3 9.4 10 10.1 10.2	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		4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3	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	Bar Bar	4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11	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		4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1	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	4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning
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9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1	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	4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning
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9.1 9.2 9.3 9.4 10.1 10.2 10.3 11 11.1 11.2	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	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan  170  Closed cabin with air conditioning  72
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12	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	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning 72  420
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12.1 12.2 12.3	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	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning 72  420 360
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12.1 12.1 12.2 12.3 13	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 Lift equipment and spreader	Bar	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning 72  420 360 25
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12.1 12.1 12.3 13.1	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  Lift equipment and spreader Lift mast model / mast type/ Design	Bar	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker High efficiency radiator with electric fan 170  Closed cabin with air conditioning 72  420 360 25  Duplex standard/2 stage/free visibility
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12.1 12.2 12.3 13.1 13.2	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  Lift equipment and spreader Lift mast model / mast type/ Design Spreader type/make/model	Bar	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker  High efficiency radiator with electric fan  170  Closed cabin with air conditioning  72  420  360  25  Duplex standard/2 stage/free visibility Sidelift telescopic/Mec Service/ SDB100FDD
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 13.2 13.3	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  Lift equipment and spreader Lift mast model / mast type/ Design Spreader type/make/model Spreader locking containers/ No of containers	Bar db	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker  High efficiency radiator with electric fan  170  Closed cabin with air conditioning  72  420  360  25  Duplex standard/2 stage/free visibility  Sidelift telescopic/Mec Service/ SDB100FDD  N.2 side hooks + 2 side clamps/ 2 containers
9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12.1 12.2 12.3 13.1 13.2	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  Lift equipment and spreader Lift mast model / mast type/ Design Spreader type/make/model	Bar	4+2 Pneumatic  10  12.00-24 (PR24)  8.5.00-24  Two triple gear pumps Parker  High efficiency radiator with electric fan  170  Closed cabin with air conditioning  72  420  360  25  Duplex standard/2 stage/free visibility Sidelift telescopic/Mec Service/ SDB100FDD

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