

EMPTY CONTAINER LIFT TRUCK FT 20-H6 DB



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	°	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
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	l/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		Hydrodynamic
5.3	N° of gears Fw/ Rw		4/4
6 Drive Axle			
6.1	Make /model		Kessler D81
6.2	Type/ width	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		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)		12.00-24 (PR24)
9.4	Rim dimensions (front + rear)		8.5.00-24
10 Hydraulic System			
10.1	Pumps (number/ type/ Brand)		Two triple gear pumps Parker
10.2	Hydraulic oil cooling system		High efficiency radiator with electric fan
10.3	Max working pressure	Bar	170
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	420
12.2	Fuel diesel	l	360
12.3	Ad-Blue	l	25
13 Lift equipment and spreader			
13.1	Lift mast model / mast type/ Design		Duplex standard/2 stage/free visibility
13.2	Spreader type/make/model		Sidelift telescopic/Mec Service/ SDB100FDD
13.3	Spreader locking containers/ No of containers		N.2 side hooks + 2 side clamps/ 2 containers
13.4	Sideshift stroke	mm	+350
13.5	Pile slope type/ pile slope stroke	/mm	hydraulic/ +3°

