EMPTY CONTAINER LIFT TRUCK FT 25-L7



1	Lifting data		
1.1	Lift capacities at load center C	kg	8000
1.2	Load center "C"	mm	1220
1.3	Stacking height (9' 6"/8' 6" containers)		7/7
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
3	Weight		
3.1	Service weight	kg	35000
3.2	Axle pressure front (unloaded / at rated load)	kg	23000/35035
3.3	Axle pressure rear (unloaded / at rated load) Axle pressure rear (unloaded / at rated load)		12000/7965
3.4	Stability factor	kg	•
4			2,8
	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		Hydrodinamic
5.3	N° of gears Fw/ Rw		4/4
6	Drive Axle		
6.1	Make /model		Kessler D81
6.2	Type/ widht	mm	Rigid/4100
7	Steering Axle		0.17
	Make /model		OMCI/ASF253
7.1 7.2	Steering system		Double acting single cylinder
			Double deting single cylinder
8	Brake System		
8.1	IMachine hrakes		Wat disc hrakes-hydraulic operated
	Machine brakes		Wet disc brakes-hydraulic operated
8.2	Parking brakes		Dry disc
	Parking brakes Wheels		
8.2	Parking brakes		
8.2 9.1 9.2	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear)	Bar	Dry disc 4+2 Pneumatic 10
8.2 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)	Bar	Dry disc 4+2 Pneumatic
8.2 9.1 9.2	Parking brakes Wheels Number of Wheels (front + rear) and type Tire pressure (front + rear)	Bar	Dry disc 4+2 Pneumatic 10
8.2 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)	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR24)
8.2 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)	Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24
8.2 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 (PR24)
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2	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)	Bar Bar	Dry disc 4+2 Pneumatic 10 12.00-24 (PR24) 8.5.00-24 Two triple gear pumps Parker
8.2 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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan
8.2 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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan 170
8.2 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 Type	Bar	Dry disc 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
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 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) Hydraulic System 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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan 170
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan 170 Closed cabin with air conditioning 72
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan 170 Closed cabin with air conditioning 72 420
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 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 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
8.2 9 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	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 (PR24) 8.5.00-24 Two triple gear pumps Parker High efficiency radiator with electric fan 170 Closed cabin with air conditioning 72 420
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 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 Ad-Blue Lift equipment and spreader	Bar	Dry disc 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
8.2 9 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	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 (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
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12 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 Lift equipment and spreader Lift mast model / mast type/ Design Spreader type/make/model	Bar	Two triple gear pumps Parker High efficiency radiator with electric fan 170 Closed cabin with air conditioning 72 420 360 25
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12 12.1 12.2 12.3 13 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 Lift equipment and spreader Lift mast model / mast type/ Design	Bar	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
8.2 9 9.1 9.2 9.3 9.4 10 10.1 10.2 10.3 11 11.1 11.2 12 12.1 12.2 12.3 13 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 Lift equipment and spreader Lift mast model / mast type/ Design Spreader type/make/model	Bar	Dry disc 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/ SSB100F

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