

# FORK LIFT FTF 45-12



<b>1</b>	<b>Lifting capacities</b>		
1.1	Lift capacities at load center C	kg	45000
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	°	6/12
<b>2</b>	<b>Driving speed</b>		
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
<b>3</b>	<b>Weight</b>		
3.1	Service weight	kg	59000
3.2	Axle pressure front (unloaded / at rated load)	kg	28000/93700
3.3	Axle pressure rear (unloaded / at rated load)	kg	31000/10300
3.4	Stability factor		1,5
<b>4</b>	<b>Engine</b>		
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
<b>5</b>	<b>Transmission</b>		
5.1	Brand / model		DANA TE30
5.2	Type		Hydrodynamic
5.3	N° of gears Fw/ Rw		5/3
<b>6</b>	<b>Drive Axle</b>		
6.1	Make /model		Kessler D102
6.2	Type/ width	mm	Rigid/4200
<b>7</b>	<b>Steering Axle</b>		
7.1	Make /model		OMCI/ASF233
7.2	Steering system		Double acting single cylinder
<b>8</b>	<b>Brake System</b>		
8.1	Machine brakes		Wet disc brakes-hydraulic operated
8.2	Parking brakes		Dry disc
<b>9</b>	<b>Wheels</b>		
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
<b>10</b>	<b>Hydraulic System</b>		
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
<b>11</b>	<b>Cabin</b>		
11.1	Type		Closed cabin with air conditioning
11.2	Internal Noise Level EN12053	db	72
<b>12</b>	<b>Tanks capacity</b>		
12.1	Hydraulic oil	l	850
12.2	Fuel diesel	l	580
12.3	Ad-Blue	l	45
<b>13</b>	<b>Forks</b>		
13.1	Type		"Terminal west"
13.2	Sizes (Lenght x width x thickness)	mm	2450x300x150
13.3	Fork translation and positioner	mm	+/- 450

