





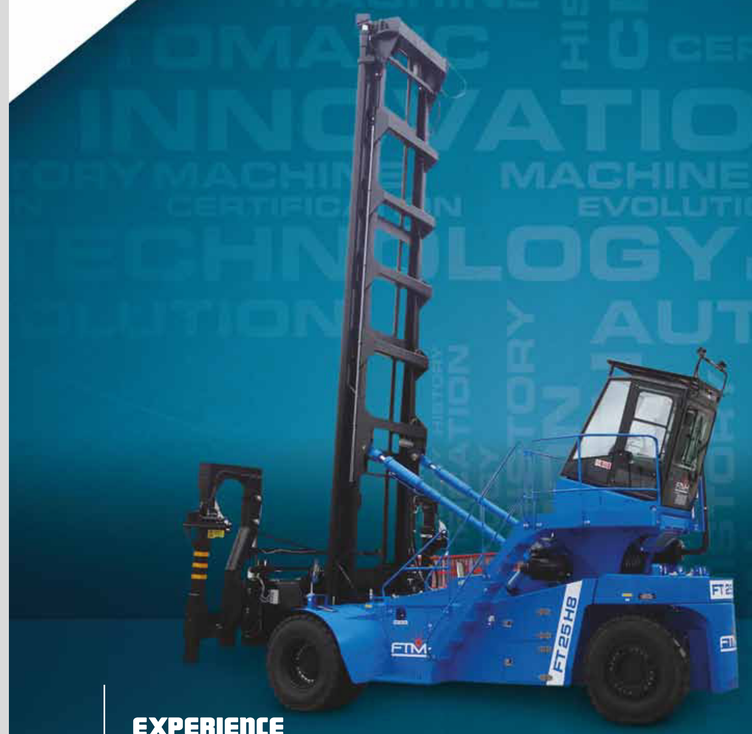




EXPERIENCE MAKES THE DIFFERENCE

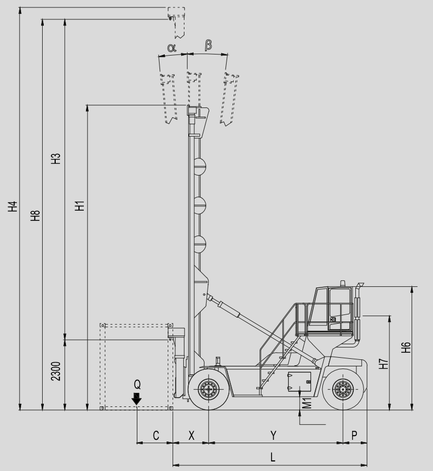
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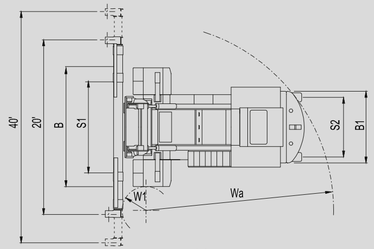
EMPTY CONTAINER LIFT TRUCKS

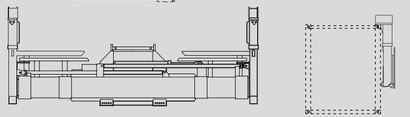


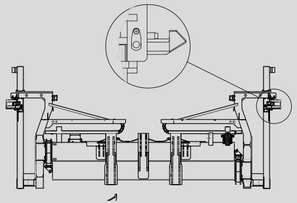
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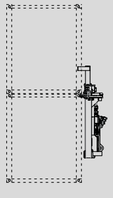
DIMENSIONS











DENOMINATION

					FTMH	FTMH	FTMH	FTMH	FTMH	FTMH	FTMH
1	Manufacturer										
2	Model				FT 20 H6	FT 20 H6 DB	FT 25 L7	FT 25 H7	FT 25 H7 DB	FT 25 H8	FT 25 H8 DB
3	Capacity	Q	Nominal/Under Spreader	Kg	8000	9000	8000	9000	10000	9000	10000
4	Load Centre	C	Distance	mm	1200	1200	1200	1225	1225	1225	1225
5	Motive Power				Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
6	Driver Position				Seated	Seated	Seated	Seated	Seated	Seated	Seated
7	Tyres		Pneum (solid as option)	F/R	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
8	Wheels		Number	F/R	4/2	4/2	4/2	4/2	4/2	4/2	4/2
9	Lift	h3	Height	mm	14100	14100	16500	16500	16500	19100	19100
10		h2	Free Lift (option)	mm	-	-	-	-	-	-	-
11	Duplex mast	h8	Lift Under Twist - Locks or Hooks (8' 6 " conts high)	mm	16400	16400	18740	18800	18800	21400	21400
12	Carriage		Type		INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL	INTEGRAL
	Spreader with twist locks OR										
	with hooks and side clamps		Type		SIDE	SIDE	SIDE	SIDE	SIDE	SIDE	SIDE
			Telescopic 20' - 40'		yes	yes	YES	yes	yes	yes	yes
			Self-levelling or hydraulic side sloping		Self-lev.	Side-sloping	Self-lev.	Self-lev.	Side-sloping	Self-lev.	Side-sloping
			Sideshift R-L	mm	600R-600L	350R-350L	600R-600L	600R-600L	350R-350L	600R-600L	350R-350L
13	Tilt		Forward/Reverse	a/b	3/6	3/6	3/6	3/6	3/6	3/6	3/6
14	Dimensions	L	Length	mm	6100	6100	6100	6400	6450	6400	6450
15		B/B_1	Width Front - Rear	mm	4000/2400	4000/2400	4000/2400	4200/2500	4500/2500	4500/2500	4500/2500
16		h1	Closed Mast Height	mm	9000	9000	10040	10100	10100	11400	11400
17		h4	Open Mast - Max Height	mm	16700	16700	19040	19100	19100	21700	21700
18		h6	Cabin Height	mm	3700	3750	3750	4200	4200	4200	4200
19		h7	Seat Height	mm	2600	2650	2650	3000	3000	3000	3000
20		P	Rear overhang	mm	950	950	950	1290	1290	1290	1290
21	Turning Radius	W/Wa	Internal/External	mm	1100/5800	1100/5800	1100/5800	1100/6100	1100/6100	1100/6100	1100/6100
22	Steering		Hydraulic - Servo assisted		OSCILLATING			AXLE WITH	SINGLE	CYLINDER	
23	Drive axle		Rigid with hub reduction	mod	D81	D81	D81	D81	D91	D91	D91
24	Distance from front axle centre to load	X	mm	1050	1100	1050	1050	1100	1050	1100	
25	Speed		Travel with/without Load	Km/h	24/25	25/25	25/25	25/26	25/26	25/26	25/26
26			Lift with/without Load	m/s	0,55/0,57	0,55/0,57	0,55/0,57	0,55/0,57	0,55/0,57	0,55/0,57	0,55/0,57
27			Lowering with/without Load	m/s	0,54/0,52	0,54/0,52	0,54/0,52	0,54/0,52	0,54/0,52	0,54/0,52	0,54/0,52
28	Max. drawbar pull		Loaded	daN	16000	16000	16000	16000	16000	16000	16000
29	Max. gradient		Loaded	%	30	30	30	30	30	30	30
30	Weight		Without Load (spreader included)	Kg	31500	32500	35000	39500	41000	42500	44000
31	Axle loads		With Load F/R	Kg	32700/6800	34500/7000	35000/8000	39000/9500	40500/10500	41000/10500	43000/11000
32			Without Load F/R	Kg	20000/11500	20000/12500	23000/12000	25500/14000	26500/14500	28000/14500	29000/15000
33	Tyres		Number F/R		4/2	4/2	4/2	4/2	4/2	4/2	4/2
34			Size Front		12.00-20	12.00-24	12.00-24	14.00-24	14.00-24	14.00-24	14.00-24
35			Size Rear		12.00-20	12.00-24	12.00-24	14.00-24	14.00-24	14.00-24	14.00-24
36			Inflation / ground pressure	Bar/Kg/cm²	10/9	10/9	10/9	10/9	10/9	10/9	10/9
37	Wheel base	y		mm	4200	4200	4200	4500	4500	4500	4500
38	Track F/R	S1-S2	Track F/R	mm	3100/2100	3100/2100	3100/2100	3250/2100	3250/2100	3600/2100	3600/2100
39	Ground Clearance		With Load lowest point	mm	280	330	330	330	350	350	350
40	Service Brakes		FRONT AXLE		WET DISC			BRAKES	HYDRAULIC	OPERATED	
41	Parking Brakes		MECHANIC		DRY DISC			ON AXLE	SHAFT		
42	Batteries		VOLTAGE/CAPACITY	V/Ah	24/160	24/160	24/160	24/160	24/160	24/160	24/160
43	Engine		Manufacturer/Type (stage 4 Final)		CUMMINS QSB 6,7 TURBOCHARGED - STEP 4 FINAL						
44			Power	Kw/CV	168/225	168/225	168/225	168/225	168/225	186/250	186/250
45			Number Revolutions	Rpm	2200	2200	2200	2200	2200	2200	2200
46			Number of Cylinders/Diplacements	Cm^3	6/6700	6/6700	6/6700	6/6700	6/6700	6/6700	6/6700
47			Peak Torque	Nm/Rpm	949/1500	949/1500	949/1500	949/1500	949/1500	987/1500	987/1500
48			Fuel Consumption (AVE)	l/h	13	13	13	13	13	13	13
49	Gearbox			Makes	DANA - CLARK MOD 32000						
50	Transmission			Type	HYDRODINAMIC WITH TORQUE CONVERTER						
51	Clutch			Type	POWER SHIFT						
52	Gear		Forward / Reverse	N°	4/4	4/4	4/4	4/4	4/4	4/4	4/4
53	Hydraulic oil cooling system				yes	yes	yes	yes	yes	yes	yes
54	Hydraulic Pressure		Working	Bars	220	220	220	240	240	240	240
55	Tanks capacity		Hydraulic oil	L	420	420	420	550	550	550	550
56			Fuel Diesel	L	360	360	360	400	400	400	400
57			Ad. blue	L	19	19	19	19	19	19	19
58	Cabin configuration				FIXED ON THE REAR LOW POSITION						
59	Controls		Sensitive Joystick	yes	yes	yes	yes	yes	yes	yes	yes
60	Noise level		Outside/inside cabin	dB(A)	82/72	82/72	82/72	82/72	82/72	82/72	82/72
61	Stability factor		Static with vertical mast		2,68	2,59	2,8	3,00	2,81	3,10	2,90
	ALTERNATIVE ENGINE							ALTERNATIVE TRANSMISSION			
	Cummins QSB 6,7 (164 Kw) Stage Tier 3A							ZF 3WG 211			
	Volvo TAD 870 VE (160 Kw) Stage Tier 4										

OUR STRONG POINTS

FRONT TELESCOPIC SPREADER WITH TWIST LOCKS
- Double boom design with cylinders for positioning 20' 40' containers placed outside the structure to facilitate service and substitution.
- Nr. 2 floating Twist locks
- Sliding heads to facilitate container handling
- High quality steel 355J2G3
- Mechanic and electric safeties
- Led working lights
- Large hole for twist lock service access.
- Upright plate easy mounting and disassembling.

FRONT TELESCOPIC SPREADER WITH FIXED HOOKS
- Double boom design with cylinders for positioning 20' 40' containers
- Nr. 2 fixed hooks of 6 Ton capacity each for safe handling of 2 containers of 20' and 40'.
- Nr. 2 hydraulic control clamps for safe coupling of 2 containers.
- Mobile heads with large hole to consent visibility to the hooks at every height.
- High quality steel 355J2G3
- Mechanic and electric safeties
- Led working lights
- Large hole for hooks and camps service access.
- Upright plate easy mounting and disassembling.
- Side sloping +/-3° with two cylinders

CAB
- Fixed, raised and back placed
- All around great visibility
- High comfort with pneumatic and adjustable seat
- Adjustable steering wheel column
- Secondary seat for passenger
- Air-recycling and particle filter system
- Two access doors
- Easy access to the cab through comfortable stairs frame and anti-slippery steps.
- Tempered side and back windows (all movable) and stratified type on the front and roof of cab.
- Electric-hydraulic Joystick with "DEAD-MAN" security system positioned on the armrest.

MAST
- H profile design for heavy duties
- High quality steel: S355J2G3
- Side positioned lifting cylinders for greater visibility
- Centralized and efficient greasing system
- 2 complete full filling sliding rollers positioned on the fixed mast and 2 complete full filling sliding rollers positioned on the mobile mast, distancing each other through lifting height for a better distribution of load charge.
- Upper, down and side pads made of special "NYLATRON" long life and easily dismounting for service.
- The Spreader carriage is fixed through 4 sliding rollers and Nylatron pads, while the counter-plate helps a faster mounting of the single or double container Spreader
- Chains are Rex Regina BL1266 and BL1466

HYDRAULIC SYSTEM
- Nr.2 PARKER (USA) double gear pumps
- The 2 bigger pumps are dedicated to lifting, tilt and spreader functions .
- The 2 smaller pumps are dedicated to steering, breaks and hydraulic oil cooling functions.
- Nr. 1 Double hydraulic distributor made Walvoil, connected in series and in parallel for an optimized use of the engine's power with reduction of fuel consumption and increase of forklift performance.
- Efficient Oil cooling system with big radiator and hydraulic motor to control the fan (electric motor for low temperature environment available as option).
- Nr. 2 10 micron filters on return line
- Nr. 1 10micron filter on delivery line for brakes.
- Electro valves are made Parker/ RexRoth
- Steering system servo assisted
- Hydraulic hoses made Manuli and the fittings type GIC 36° (ORFS fittings on demand)
- All electro valves (except the parking brake ones) are all flanged, CE TOP made and easily available on the market.

ELECTRIC AND ELECTRONIC SYSTEM
- Master monitor with CAN-Bus interface dispalyng all operating informations and engine, gearbox and electric systems parameters
- Data download through USB
- Easy maintenance with access code.
- Constant electric control with lights on the spreader and in the cab for all functions and safeties.
- Led working lights, for easier night operation and low energy consumption.
- Wiring suitable for all weather conditions (-40°/+55°)

AVAILABLE OPTIONS

- Air conditioning
- Arctic package (-40°)
- Automatic greasing system
- Front or rear view cameras with cab monitor
- Spreader stop at 30°
- Safety Pin for 45° container handling, fixed under the spreader hook(see drawing)
- Hydraulic control 45° lifting cab
- "Eco power" device for low fuel consumption
- "Roll bar" for cab and operator protection
- Solid tires and reinforced rims
- Parking control sensors



