

autovictor

 *Keep on moving to the future.*

TELESCOPIC HANDLERS

FANTUZZI FDC150



FLEXIBLE CARGO HANDLING

Terex forklift trucks are part of the comprehensive Terex Port Solutions (TPS) lift truck product line including reach stackers, empty container handlers and full container handlers.

Terex forklift trucks are designed for hard service and maneuverability, even in the most extreme working conditions – without sacrificing safety or comfort. For the flexible handling of general cargo or containers, the different variants have lifting capacities of up to 52 t. For Roll-on/Roll-off (RoRo) applications, operators can use variants with a special low body.

Terex forklift trucks can be fitted with Terex forks in customer-specific dimensions, or with a variety of other load handling attachments, such as coil lifters, magnets or locking clamps.

They can also be fitted with fixed or telescopic container spreaders. This means that, in addition to use in harbour terminals, the machines can also be employed in a variety of other fields, such as the steel, construction or timber industries.

- Advantages**
- ▶ **Excellent cargo handling performance thanks to high-performance and high lifting capacity**
 - ▶ **Versatile application thanks to different load-handling attachments**
 - ▶ **Simple operation thanks to ergonomic, compact design**
 - ▶ **Safe, stable handling thanks to robust design with low centre of gravity**
 - ▶ **Cost-effective operation thanks to modern, environmentally friendly drive technology and low maintenance costs**

The range of Terex forklift trucks

Models	Max. lifting capacities [t]	Max. lifting heights [mm]			Standard forks widths [mm]				
		3,500	4,100	5,100	650	1,000	1,020	1,150	1,350
FDC 150	15	✓			✓				
FDC 160	16	✓			✓				
FDC 180	18	✓			✓				
FDC 200	20	✓			✓				
FDC 250	25	✓				✓			
FDC 280	28	✓					✓		
FDC 300	30		✓				✓		
FDC 320	32		✓					✓	
FDC 350	35		✓					✓	
FDC 380	38		✓					✓	
FDC 420	42			✓					✓
FDC 450	45			✓					✓
FDC 480	48			✓					✓
FDC 520	52			✓					✓

STACKING HIGH

LOAD CHARTS FOR THE WHOLE RANGE



TECHNICAL SPECIFICATIONS

Terex® forklift trucks offer high handling performances and reduced operating costs thanks to their modern design and components. They combine a state-of-the-art drive train with engines and transmissions providing low fuel consumption and low exhaust emissions with powerful hydraulics and prime axle components.

The technical specifications below offer detailed information about the impressive performance of Terex fork lift trucks, including stacking capacities, speeds and weights.

Models	Standard engines	Optional engines
FDC 150 FDC 160 FDC 180 FDC 200	Volvo TAD750VE Tier 3 (Stage IIIA) 181 kW @ 2,300 rpm 952 Nm @ 1,500 rpm	Volvo TAD761VE Tier 4i (Stage IIIB) 160 kW @ 2,200 rpm 1,156 nM @ 1,320 rpm
	Cummins QSB6.7 Tier 3 (Stage IIIA) 142 kW @ 2,400 rpm 930 Nm @ 1,500 rpm	Cummins QSB6.7 Tier 4i (Stage IIIB) 149 kW @ 2,200 rpm 929 Nm @ 1,400 rpm
		Volvo TAD572VE Tier 4f (Stage IV) 160 kW @ 2,300 rpm 910 Nm @ 1,200 rpm
		Cummins QSB6.7 Tier 4f (Stage IV) 149 kW @ 2,200 rpm 929 Nm @ 1,500 rpm
	Standard transmission	Optional transmission
	Dana TE13 Speeds, forward / reverse 3 / 3	ZF WG 171 Speeds, forward / reverse 3 / 3

FDC 300	FDC 320	FDC 350	FDC 380	FDC 420	FDC 450	FDC 480	FDC 520
0.20							
0.26							
0.25							
0.21							
24			25		24		
25			26		25		
62.0	70.0	75.0	77.2	87.9	92.0	96.1	102.7
17.5	22.0	23.0	27.0	27.5	28.0	28.5	29.5
6.0	7.0	8.0	7.8	9.6	11.0	10.9	10.3
20.5	23.0	25.0	27.0	28.0	30.0	31.5	31.5
38.0	45.0	48.0	54.0	55.5	58.0	59.0	61.0
460	415	415	500	500	520	605	605
425	575	575	600	600	670	800	800
160	160	160	170	170	180	180	180
6							
1 / 1							
4 x 16.00-25 2 x 16.00-25			4 x 18.00-25 2 x 18.00-25				4 x 18.00-33 2 x 18.00-25
3 / 3			4 / 4				

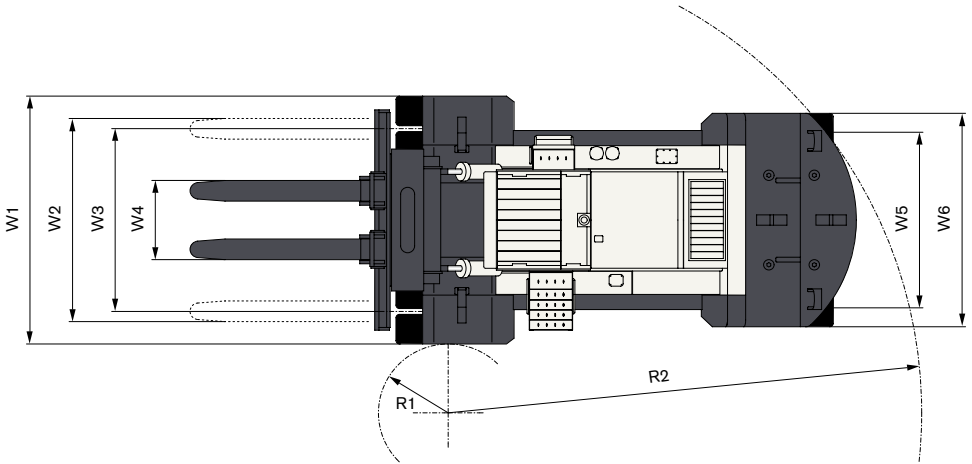
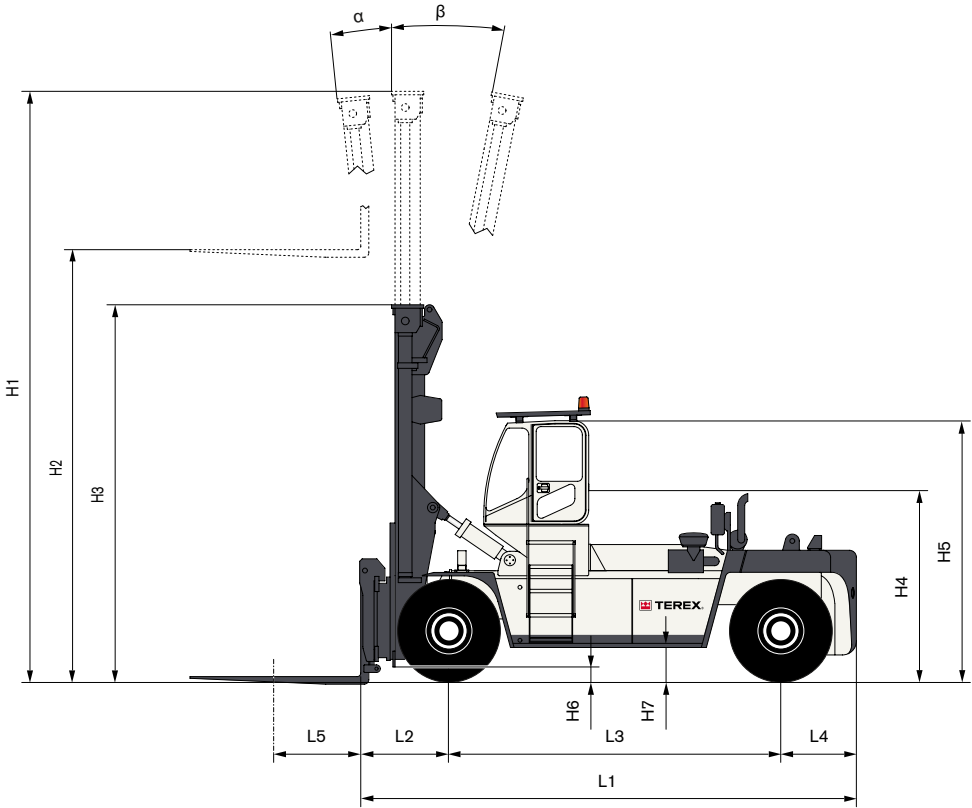
COMPACT DESIGN

MAIN DIMENSIONS

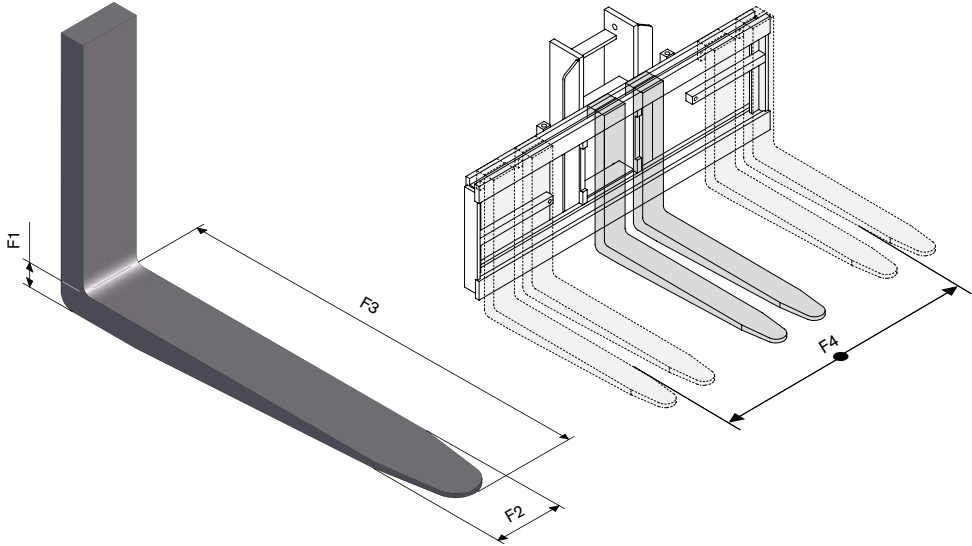
With a two mast stage design, these models reach lifting heights up to 5.1 m. The forks can be adjusted quickly up to +/- 450 mm and can be equipped with dedicated lifting gear to handle any kind of general cargo.

			FDC 150	FDC 160	FDC 180	FDC 200	FDC 250	FDC 280	FDC 300	FDC 320	FDC 350	FDC 380
Height												
H1	Total height, mast fully extended	[mm]	5,150	5,150	5,350	5,350	5,700	6,000	6,000	6,300	6,500	7,000
H2	Max. lifting height on forks	[mm]	3,500	3,500	3,500	3,500	3,500	3,500	3,500	4,100	4,100	4,100
H3	Total height, mast closed	[mm]	3,400	3,400	3,650	3,650	4,000	4,300	4,300	4,300	4,500	5,000
H4	Driver seat height	[mm]	2,300	2,300	2,300	2,300	2,400	2,300	2,300	2,700	2,900	3,500
H5	Cab height	[mm]	3,400	3,400	3,400	3,400	3,500	3,500	3,500	3,800	4,000	4,600
H6	Ground clearance mast closed (unladen)	[mm]	250	250	250	250	300	300	300	300	350	350
H7	Ground clearance truck (laden)	[mm]	400	400	400	400	450	500	500	500	550	550
Width												
W1	Outer chassis width/ width outer front wheels	[mm]	2,500	2,500	2,500	2,500	3,200	3,200	3,200	3,600	3,600	3,800
W2	Width inner front wheels	[mm]	2,270	2,270	2,270	2,270	2,800	2,820	2,820	2,950	2,950	3,150
W3	Front axle wheel center	[mm]	1,860	1,860	1,860	1,860	2,360	2,360	2,360	2,730	2,730	2,970
W4	Width of forks (standard)	[mm]	650	650	650	650	1,000	1,020	1,020	1,150	1,150	1,350
W5	Rear axle wheel center	[mm]	2,080	2,080	2,080	2,080	2,100	2,100	2,100	2,550	2,550	2,580
W6	Width outer rear wheels	[mm]	2,470	2,470	2,470	2,470	2,580	2,600	2,600	3,100	3,100	3,100
Length												
L1	Truck length	[mm]	5,500	5,550	5,800	5,800	6,350	6,650	6,650	6,800	7,100	7,250
L2	Front overhang	[mm]	1,000	1,000	1,000	1,000	1,050	1,100	1,100	1,150	1,200	1,300
L3	Wheelbase	[mm]	3,750	3,750	4,000	4,000	4,500	4,750	4,750	4,750	5,000	5,000
L4	Rear overhang	[mm]	800	800	800	800	800	800	800	9 00	900	950
L5	Distance to fork center	[mm]	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225
Other dimensions												
R1	Front turning radius	[mm]	900	900	900	900	1,000	975	975	975	950	1,050
R2	Rear turning radius	[mm]	5,000	5,300	5,600	5,600	6,100	6,700	6,700	6,800	7,000	7,000
α	Angle of inclination (front)	[°]	6	6	5	5	5	5	5	5	5	5
β	Angle of inclination (back)	[°]	12	12	10	10	10	12	12	12	12	12
F1	Thickness of standard fork	[mm]	100	100	100	100	110	110	110	110	110	120
F2	Width of standard fork	[mm]	220	220	220	250	250	270	270	300	300	300
F3	Length of standard fork	[mm]	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450
F4	Forks front adjustment	[mm]	+/- 410	+/- 410	+/- 410	+/- 450	+/- 450	+/- 450	+/- 450	+/- 450	+/- 450	+/- 450

FDC 420	FDC 450	FDC 480	FDC 520
7,500	7,700	7,700	8,000
5,100	5,100	5,100	5,100
5,000	5,200	5,200	5,500
3,500	3,500	3,500	3,500
4,600	4,600	4,600	4,600
350	350	350	350
550	550	550	600
4,200	4,200	4,200	4,200
3,150	3,150	3,150	3,150
2,970	3,370	3,370	3,370
1,350	1,350	1,350	1,350
2,580	2,580	2,580	2,580
3,100	3,100	3,100	3,100
7,750	8,000	8,250	8,550
1,300	1,300	1,300	1,350
5,500	5,750	6,000	6,250
950	950	950	950
1,225	1,225	1,225	1,225
950	975	975	1,000
7,550	7,800	8,000	8,200
5	5	5	5
12	12	12	12
135	150	150	150
300	300	300	300
2,450	2,450	2,450	2,450
+/- 450	+/- 450	+/- 450	+/- 450



Terex® forks



autovictor

 *Keep on moving to the future.*

FANTUZZI FDC150



AUTOVICTOR s.r.l.

Via Galvani 11/13

28060 San Pietro Mosezzo - Novara

Tel. +39 0321 35000

info@autovictor.it

www.autovictor.it