

HULKMAN

FDT



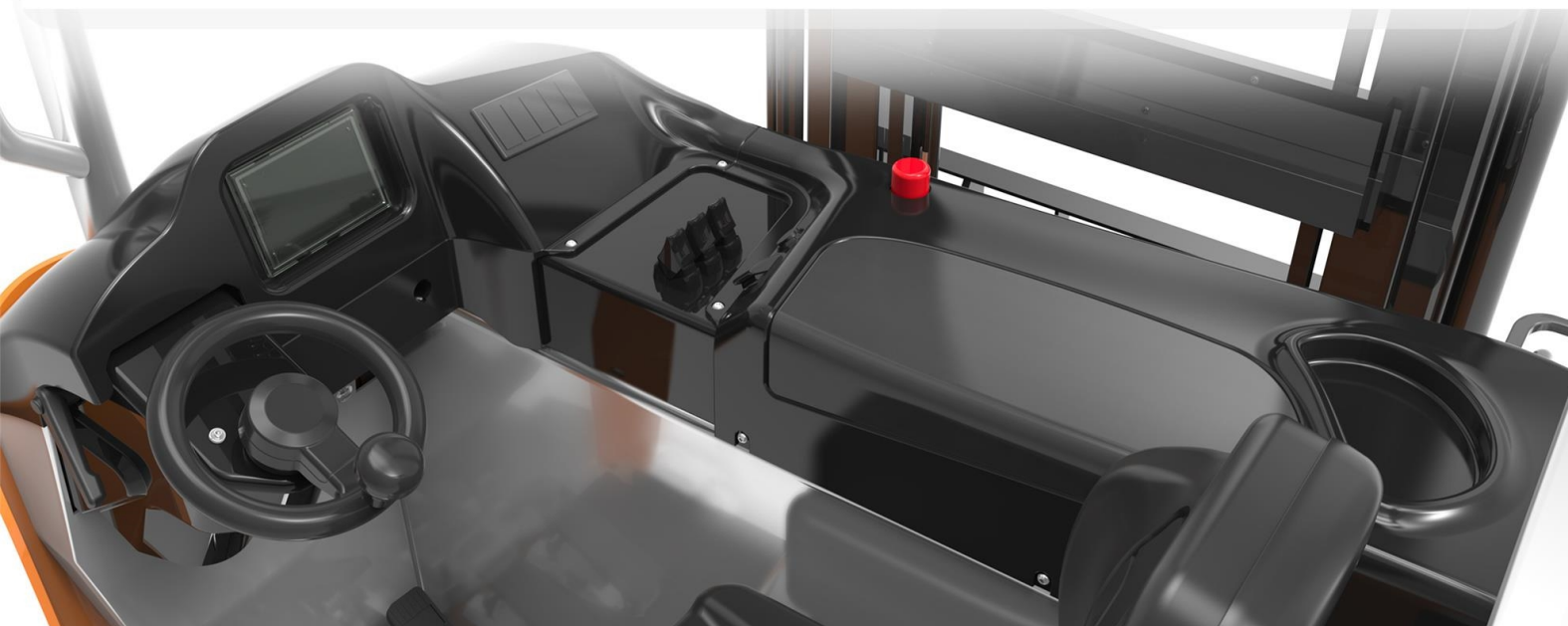
www.hulkfork.com



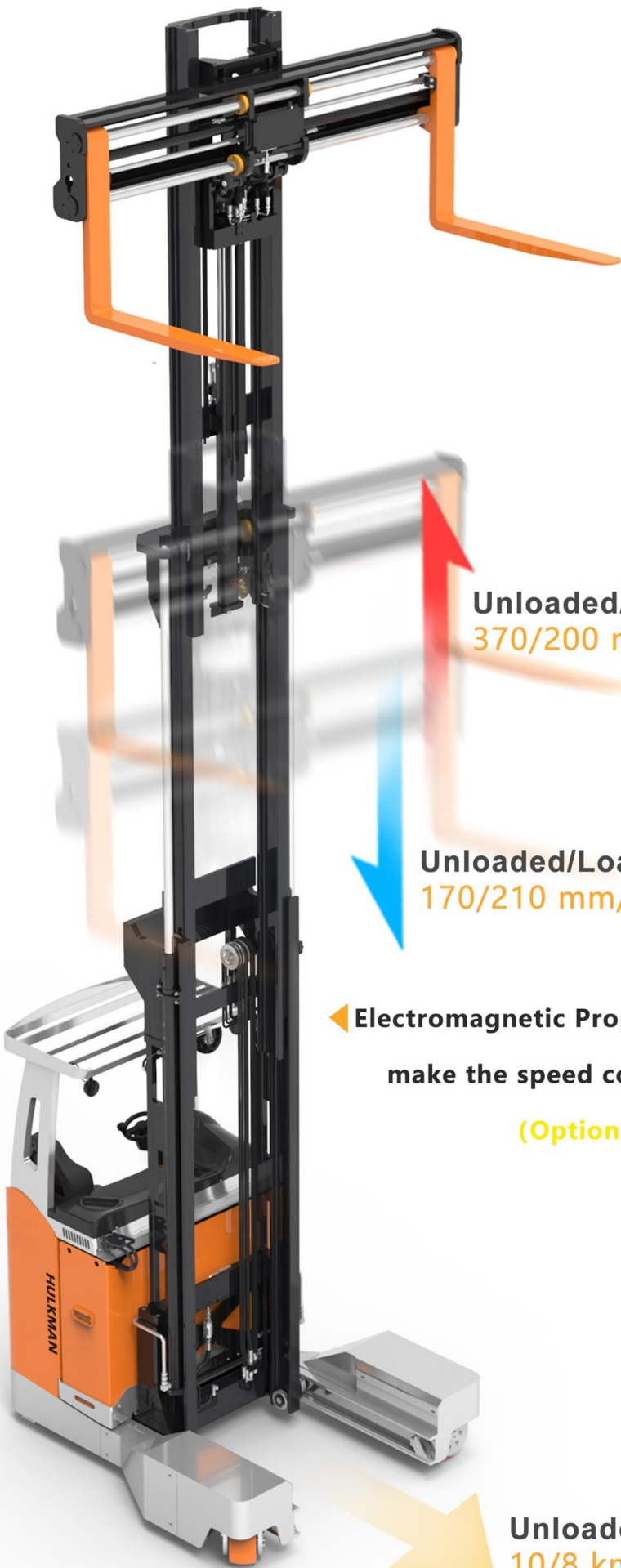
HULKMAN FDT series full-directional electric reach truck is suitable to carry very long materials and stack in very narrow aisles. It is a very good partner for cantilever shelves. And its lifting height can be customized from 2.5 meters to 10.5 meters.

What's more, FDT series reach truck can not only completely replace normal forklift, but also drive in multiple directions. It is the best choice for 3-10m length long products moving, such as metal profiles, plates, glass plates, pipes, etc.

1. 48V full AC system, rapid response, accurate steering angle control, high electrical integration, low energy consumption.
2. Spool is imported from America, precise hydraulic control, can meet AGV application requirements.
3. Electrical modular control technology, CAN bus communication, more easy for AGV modification.
4. The load wheel is equipped with 5 stage steering deceleration, with small control current, makes steering angle controlled more precise, effectively extends the steering motor service life.
5. Full wheels display in real time, with high recognition, makes operation more easy, direction control more precise in narrow aisles, work more safe and reasonable.
6. Double clutch type driving brake and parking brake, make the deceleration brake more stable and more secure.
7. Human engineering ergonomics machine design, will give operator more comfortable work feeling and more excellent driving experience.



Multi-Directional Mode



Unloaded/Load
370/200 mm/s

Unloaded/Load
170/210 mm/s

◀ Electromagnetic Proportion Vavle
make the speed controllable
(Optional)

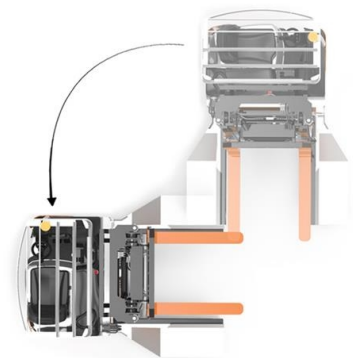
Unloaded/Load
10/8 km/h



360° Rotary



Parallel Moving

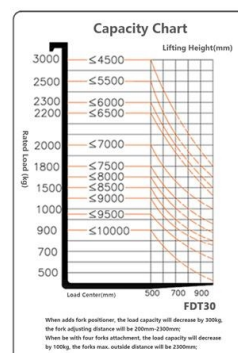
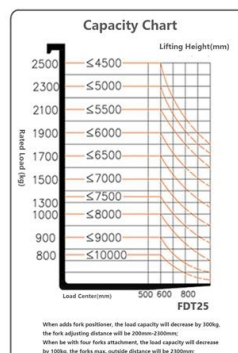
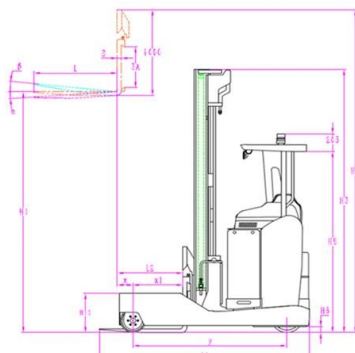
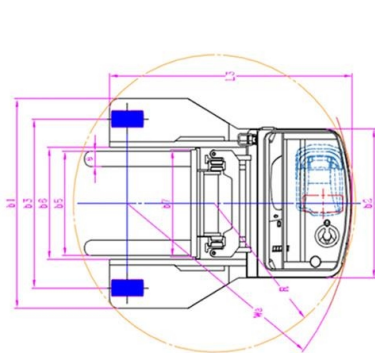


All Wheels Turning



Oblique Moving

Technical Specification



Characteristics	1.1	Brand		HULKMAN			
	1.2	Model		FDT25		FDT30	
	1.3	Power type		Electric			
	1.4	Driving position		Transverse Seat			
	1.5	Load capacity at load center	Q(kg)	2500	2500	3000	3000
	1.6	Load center	C(mm)	600	600	500	500
	1.7	Wheelbase	y(mm)	1700	1700	1700	1700
Weight	2.1	Truck weight(battery included)	kg	4350	4400	4500	4600
Tyres	3.1	Tyres Front/Rear		PU			
	3.2	Front load wheels (Diameter×Width) Single wheel	mm	φ300×135	φ300×135	φ300×135	φ300×135
	3.3	Rear driving wheel (Diameter×width) Single wheel	mm	φ343×140	φ343×140	φ343×140	φ343×140
	3.4	Wheel quantity Drive wheel/Load wheel	pcs	1X/2	1X/2	1X/2	1X/2
Dimensions	4.1	Lifting height	mm	3000-4500	4500-8000	3000-4500	4500-10000
	4.2	Fork tilting front/rear	α/β(°)	2/4	2/4	2/4	2/4
	4.3	Overhead guard height	h5(mm)	2190	2190	2190	2190
	4.4	Min distance from the ground to the chassis		75	75	75	75
	4.5	Min ground cleance	h8(mm)	35	35	35	35
	4.6	Left and right support leg height	h10(mm)	457	457	457	457
	4.7	Overall length (fork included)	l1(mm)	2444	2496	2294	2346
	4.8	Overall width	b1(mm)	1728	1728	1728	1728
	4.9	Fork size	l/e/s(mm)	1070/100/45	1070/100/45	920/125/45	920/125/45
	4.10	Rear Chassis width	b2(mm)	1230	1230	1230	1230
	4.11	Fork width	b5(mm)	355-880	355-880	380-880	380-880
	4.12	Min turning radius(go straight)	Wa(mm)	1952	1952	1952	1952
	4.13	Min radius of in situ rotation (mm)		1279	1304	1225	1335
	4.14	Min right Angle turning radius (mm)		2100	2100	2100	2100
	4.15	Min aisle width when side moving Pallet 3000×1000×1000(mm)	(mm)	2600	2650	2600	2650
Performance	5.1	Driving speed Loaded/unloaded	km/h	8/10	8/10	8/10	8/10
	5.2	Lifting speed Loaded/Unloaded	mm/s	200/370	200/370	200/370	200/370
	5.3	Lowering speed Loaded/unloaded	mm/s	210/170	210/170	210/170	210/170
	5.4	Gradeability Loaded/unloaded	%(tanθ)	8/10	8/10	7/10	7/10
	5.5	Brake		Electric			
	5.6	Parking Brake		Electric			
	5.7	Mode select		HMI Interface			
	5.8	Driving wheel position display		HMI Interface			
Optional	6.1	Screen display		Wireless camera			
	6.2	Four forks and wide forks		Optional			
	6.3	Fork positioner		Optional			
	6.4	AGV modification		Optional			
1: The parameters listed in the above table are the parameters of standard models. When non-standard customization, please contact us. 2: Right reserved for technical change and improvement							



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