

WTC REACH TRUCK

H Series 1.2/1.4/1.6/2.0 ton

STATE-OF-THE-ART TECHNOLOGY - LOW PRICES!

*Please turn page for all
advantages + technical data*



WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES

WTC Electric Reach Truck

H Series 1.2/1.4/1.6/2.0 ton

The Reach Trucks are used wherever the space is confined and where heavy loads need to be raised to high lift heights.

- *The drive's compartment, through generous dimensioning, provides the driver with a comfortable body position. The excellent all-around visibility and the low noise level ease the operation.*
- *The operator compartment has incorporated controls for hydraulic functions, direction control, horn, lights and handbrake, all within convenient reach of the operator. Padded armrest, rubber floor mat and resin coated control knobs ensure comfort for daylong operation. The tilt of the steering column can be freely adjusted to any degree.*
- *Curtis is made of Multi-function instrument, together with the multi display monitor provide information and function input for the operator to allow optimum performance and operator confidence.*
- *Drive and hydraulic control fitted as standard. MOSFET CHOPPER, Power transistors with high impulse frequencies control the motor in an energy saving and noiseless manner. The drive control provides a jerk-free start and a strong acceleration. Adjustable energy feedback on releasing the drive pedal through regenerative braking.*
- *The chassis design and steering geometry provide an outstanding turning radius of 1675mm and reach stroke of 602mm (1.4 ton model). The steering angle of 90° in each direction enhances manoeuvrability. These specifications ensure improved safety clearances in confined spaces with high loading.*
- *Low noise, less pollution and energy saving, these features match up with environment protection requirement.*
- *Drive and electronics cover can be opened quickly and easily for servicing and maintenance work. The service access door on the truck provides excellent access to the major service components. Motor, drive gearbox, pumps, brakes and steering are easily accessible.*
- *Multiple benefits of the AC power System include: fast response to operating commands, precise power control, and compact components. Moreover, since the AC motor does not use contactors and brushes, these maintenance items will no longer be required. Operator will be able to feel the difference by the truck's new design and performance.*

Technical Data for H Series Reach Truck

Model					12H	12H-C1	14H	14H-C1	16H	16H-C1	20H	20H-C1	
General	Power type				Battery								
	Rated capacity		Kg	1200	1200	1400	1400	1600	1600	2000	2000		
	Load center			mm	600	600	600	600	600	600	600	600	
Dimensions	Lift height		mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	
	Free lift height		mm	340	340	340	340	340	340	340	340	340	
	Fork size	L×W×T	mm	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	
	Fork spread(outside)	Min./Max.	mm	220/896	220/896	220/896	220/896	220/896	220/896	220/896	220/896	220/896	
	Mast tilt range	F/R	deg	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/4	
	Axle center to fork face			mm	390	390	390	390	390	390	390	390	
	Overall dimensions	Length to face of fork		mm	1802	1802	1802	1802	1802	1802	1802	1802	
		Overall width		mm	1240	1240	1240	1240	1240	1240	1240	1240	
	Turning radius(outside)			mm	1675	1675	1675	1675	1675	1675	1675	1675	
	Min. right angle stacking aisle width(Ast)	pallet:W*B=1200*1000		mm	2825	2825	2825	2825	2825	2825	2825	2825	2825
		pallet:W*B=800*1001		mm	2600	2600	2600	2600	2600	2600	2600	2600	2600
Performance	Speed	Travel	Km/h	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
		Lifting(Full load)	mm/sec	260	260	260	260	260	260	260	260	260	
	Extend distance			mm	602	602	602	602	542	542	542	542	
	Max. gradeability(Full load)			%	10	10	10	10	10	10	10	10	
Wheels & tires	Self weight		Kg	2850	2850	2850	2850	3000	3000	3250	3250	3250	
	Wheel(diameter*width)	Front	mm	285*100	285*100	285*100	285*100	285*100	285*100	343*108	343*108	343*108	
Drive units&control	Ground clearance		mm	70	70	70	70	70	70	70	70	70	
	Battery	Model			D-400B	D-400B	D-400B	D-400B	D-500	D-500	D-500	D-500	
		Voltage/Capacity(5HR)		V/AH	48/400	48/400	48/400	48/400	48/500	48/500	48/500	48/500	
		Weight(with box)		kg	760	760	760	760	900	760	900	760	
	Electric motor	Drive	Model		XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	
			Rated output/r.p.m	KW	5.4/1680	5.5/1680	5.4/1680	5.5/1680	5.4/1680	5.5/1680	5.4/1680	5.5/1680	
		Load	Model		XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	
		Rated output/r.p.m	KW	7.5/2000	12.8/2000	7.5/2000	12.8/2000	7.5/2000	12.8/2000	7.5/2000	12.8/2000	12.8/2000	
	Manufacture				CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	
		Type			MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	
		Operating pressure For attachments			MPa	14.5	14.5	14.5	14.5	14.5	14.5	14.	

Type	Model	Mast fork height	Overall height		Free lift	Tilt range		Capacity					
			Lowered	Extended		Without backrest	FWD	RWD	Load capacity at 600 mm				
				With backrest					CQD12H	CQD14H	CQD16H	CQD20H	
				mm	mm								kg
Wide view mast	1.4QM	2700	1925	3265	340	2	4	1200	1400	1600	2000		
		3000	2075	3565	340	2	4	1200	1400	1600	2000		
		3300	2225	3865	340	2	4	1200	1400	1600	2000		
		3500	2325	4065	340	2	4	1200	1400	1600	2000		
		3600	2375	4165	340	2	4	1200	1400	1600	2000		
		4000	2625	4065	340	2	4	1200	1400	1600	2000		
		4300	2790	4865	340	2	4	1200	1400	1600	2000		
		4500	2900	5065	340	2	4	1200	1400	1600	2000		
		Wide view mast	1.4QN	4300	2085	4900	1500	2	4	1200	1400	1600	2000
				4500	2165	5100	1500	2	4	1200	1400	1600	2000
4800	2265			5400	1600	2	4	1200	1400	1600	2000		
5000	2315			5600	1700	2	4	1200	1400	1600	2000		
5500	2490			6100	1850	1	3	1100	1300	1500	1900		
6000	2665			6600	2000	1	3	1000	1200	1400	1800		
6500	2815			7100	2200	0.5	2	900	1100	1300	1600		
7000	2975			7600	2380	0.5	2	850	1000	1200	1400		
7500	3145			8100	2540	0.5	1	750	900	1100	1200		

Specifications subject to change without notice.