



# Narrow Aisle Reach Truck

Advanced AC control system eliminating motor brushes and directional contactors, which significantly reduces maintenance requirements.  
Multi-function display: battery state, hour meter, fault code indicator, etc.  
Stepless driving speed control.

AC Curtis driving controller. Curtis EPS (Electric Power Steering) system provides more smooth steering and flexible controlling.

Reach function: Fork can extend 580mm Fork can tilt forward / backward for safer load handling.  
Side battery roll-out system is very convenient for battery replacement, and forward battery roll-out system is very convenient for battery maintenance.

Built-in pressure relief valve protects the trucks from overloads, increases the reliability.  
Side shift is optional. Newly-designed overhead guard provides a wider view.  
USB interface for cellphone charging Large capacity battery (up to 500Ah).



Identification	Product model		tm-crt15	tm-crt20
	Power supply		Electric	Electric
	Operating type		Standing on/Sitting on	Standing on/Sitting on
	Load capacity	Q Kg	1500	2000
Weight	Load center distance	C mm	500	500
	Front overhang	X mm	446	446
	Wheelbase	Y mm	1510*	1661
	Weight (without battery)	Kg	1817*	1880
Wheel	Axle loading, loaded drive end/load end	Kg	1130/2420*	1120/2779
	Axle loading, unloaded drive end/load end	Kg	1267/779*	1210/700
	Tyres		Polyurethane	Polyurethane
	Type size drive end	mm	ø230X82	ø230X82
Wheel	Type size load end	mm	ø210X85	ø210X85
	Balancing wheel size	mm	ø125X60	ø125X60
	Wheels number (x=drive wheel) drive end/load end		1x-2/2	1x-2/2
	Tread width drive end	mm	550	550
Dimensions	Tread width load end	mm	965	965
	Height data is on the bottom — Height data choices			
	Lowered mast height	h1 mm	See attached table A	See attached table B
	Free lift	h2 mm		
Lift height	h3 mm			
Extended mast height	h4 mm			
Dimensions	Overhead guard height	h5 mm	2162	2162
	Ground clearance Platform	h6 mm	267(Standing on) / 570(Sitting on)	267(Standing on) / 570(Sitting on)
	Min ground clearance Chassis	M2 mm	55	55
	Overall length	L1 mm	2340*	2460
Dimensions	Overall width	b1 mm	1090	1090
	Length to face of forks	L2 mm	1270	1420
	Length of chassis	L3 mm	1830*	1980
	Fork dimensions (Forging)	s/e/l mm	100/35/1070	100/40/1070
Dimensions	Forks width	b3 mm	200-730	200-730
	Reach length	L4 mm	580	580
	Aisle width for pallets 1000x1200 (fork along side 1000)	Ast mm	2733*	2883
	Aisle width for pallets 800x1200 (fork along side 1200)	Ast mm	2770*	2920
Performance	Turning radius	Wa mm	1716*	1866
	Inside width between the guides	b2 mm	772	772
	Travel speed loaded/unloaded	km/h	6.5/7.5	6.5/7.5
	Lift speed loaded/unloaded	mm/s	100/135	100/135
Performance	Lowering speed loaded/unloaded	mm/s	283/128	283/128
	Max gradeability loaded/unloaded	%	58	58
	Fork filling degree (forward/backward)	a/b °	3/5	3/5
	Service brake		Electromagnetic	Electromagnetic
Electrical Motor	Drive motor rating	kW	AC 2.0	AC 2.0
	Lift motor rating	kW	3.0	3.0
	Battery voltage / nominal capacity	V/Ah	24/240, 280	24/240, 280
	Battery weight	Kg	240, 260	240, 260
Others	Type of drive control		MOSFET Control	MOSFET Control
	Noise level at operator's ear	dB(A)	<70	<70

Remark: The data marked with \* refer to tm-crt 15 series with lifting height under 4800mm(including 4800mm), if the lifting height of tm-crt 15 series is over 5000mm(including 5000mm), the relevant data refer to tm-crt20 series

Table A (Height Data Choices for tm-crt 15)

Mast type	Lift	Height with mast closed	Free Lift	Height with mast Extended
Single	h3 (mm)	h1 (mm)	h2 (mm)	h4 (mm)
Dual	1600	2035	1069	2541
Dual	2500	1780	85	3441
Dual	3000	2030	85	3941
Dual	3500	2280	85	4441
Dual	4000	2580	85	4941
Triple	4500	2066	1125	5441
Triple	4800	2166	1225	5741
Triple	5000	2236	1285	5941
Triple	5500	2416	1800	6441

Table B (Height Data Choices for tm-crt 20)

Mast type	Lift	Height with mast closed	Free Lift	Height with mast Extended
Single	h3 (mm)	h1 (mm)	h2 (mm)	h4 (mm)
Dual	1600	2078	1101	2537
Dual	2500	1839	90	3437
Dual	3000	2089	90	3937
Dual	3500	2339	90	4537
Dual	4000	2589	90	4937

#### Logistic information

1. CRT15 with lifting height : 1.6m, 1.8m, 2.5m, 2.7m, 3.0m, 3.3m, 4.2m, 4.5m, 4.8m

Container loading Qty: 6pcs/20FCL, 12pcs/40FCL

2. CRT15 with lifting height : 5.0m, CRT20 with lifting height : 1.6m, 2.5m, 2.7m, 3.0m, 3.3m.

Container loading Qty: 5pcs/20FCL, 11pcs/40FCL

3. CRT15 with lifting height: 3.5m, 3.7m, 4m

Container loading Qty: 12pcs/40HQ

4. CRT15 with lifting height: 5.2m, 5.5m, CRT20 with lifting height: 1.8m, 3.5m, 3.7m.

Container loading Qty: 11pcs/40HQ

5. CRT20 with lifting height: 4.0m

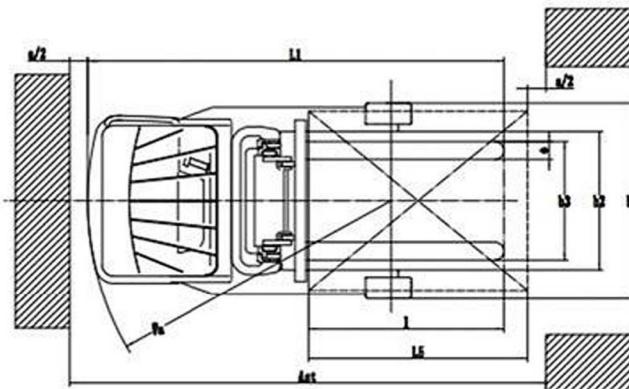
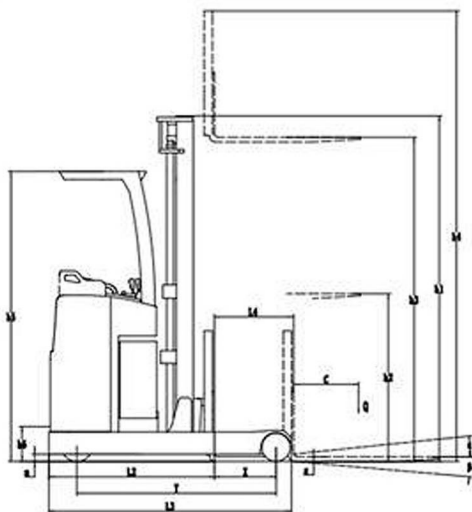
Container loading Qty: 3pcs/20FCL, 7pcs/40FCL (The mast need to be taken off)



Ultra Compact Version



Double Deep Reach Truck



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