



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	
Weight	Operating type	Standing on/Sitting on		Standing on/Sitting on	
	Load capacity	1500		2000	
Wheel	Load center distance	500		500	
	Front overhang	446		446	
Wheel	Wheelbase	1510*		1661	
	Weight (without battery)	1817*		1880	
Wheel	Axle loading	1130/2420*		1120/2779	
	loaded drive end/load end	1267/779*		1210/700	
Wheel	Axle loading, unloaded drive end/load end	1267/779*		1210/700	
	Unloaded drive end/load end	1267/779*		1210/700	
Wheel	Tyres	Polyurethane		Polyurethane	
	Type size drive end	mm		mm	
Wheel	Type size load end	mm		mm	
	Balancing wheel size	mm		mm	
Wheel	Wheels number (x=drive wheel)	1x-2/2		1x-2/2	
	drive end/load end	1x-2/2		1x-2/2	
Wheel	Tread width drive end	mm		mm	
	Tread width load end	mm		mm	
Dimensions	Height data is on the bottom — Height data choices	See attached table A		See attached table B	
	Lowered mast height	h1 mm		h1 mm	
Dimensions	Free lift	h2 mm		h2 mm	
	Lift height	h3 mm		h3 mm	
Dimensions	Extended mast height	h4 mm		h4 mm	
	Overhead guard height	h5 mm		h5 mm	
Dimensions	Ground clearance Platform	267(Standing on) / 570(Sitting on)		267(Standing on) / 570(Sitting on)	
	Min ground clearance Chassis	55		55	
Dimensions	Overall length	L1 mm		L1 mm	
	Overall width	b1 mm		b1 mm	
Dimensions	Length to face of forks	L2 mm		L2 mm	
	Length of chassis	L3 mm		L3 mm	
Dimensions	Fork dimensions (Forging)	s/e/l mm		s/e/l mm	
	Forks width	b3 mm		b3 mm	
Dimensions	Reach length	L4 mm		L4 mm	
	Aisle width for pallets 1000x1200 (fork along side 1000)	Ast mm		Ast mm	
Dimensions	Aisle width for pallets 800x1200 (fork along side 1200)	Ast mm		Ast mm	
	Turning radius	Wa mm		Wa mm	
Dimensions	Inside width between the guides	b2 mm		b2 mm	
	Travel speed loaded/unloaded	km/h		km/h	
Performance	Lift speed loaded/unloaded	mm/s		mm/s	
	Lowering speed loaded/unloaded	mm/s		mm/s	
Performance	Max gradeability loaded/unloaded	%		%	
	Fork filling degree (forward/backward)	a/b °		a/b °	
Electric Motor	Service brake	Electromagnetic		Electromagnetic	
	Drive motor rating	kW		kW	
Electric Motor	Lift motor rating	kW		kW	
	Battery voltage / nominal capacity	V/Ah		V/Ah	
Others	Battery weight	Kg		Kg	
	Type of drive control	MOSFET Control		MOSFET Control	
Others	Noise level at operator's ear	dB(A)		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

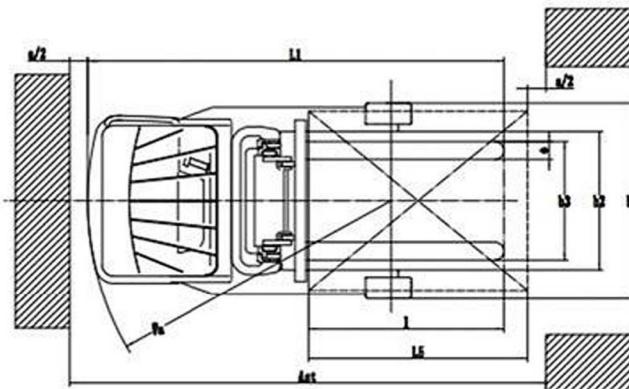
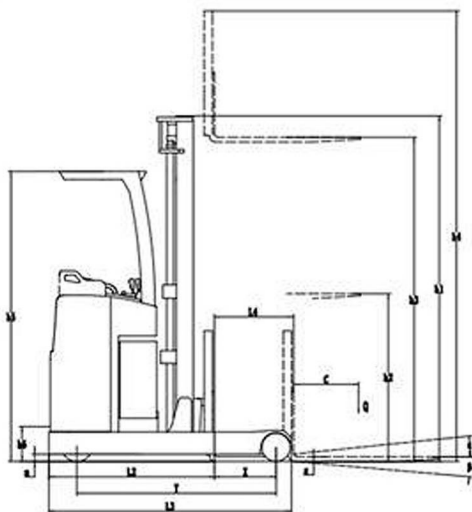
Container loading Qty: 3pcs/20FCL, 7pcs/40FCL (The mast need to be taken off)



Ultra Compact Version



Double Deep Reach Truck



Knütelweg 9a 30989 Gehrden Germany
info@tmequipments.de