



## A Series Pallet Stacker Truck Hi Range

with capacities of 1,200 to 2,000kg

### High Performance

- / AC travelling motor applied to provide excellent acceleration, good gradeability, low heat, no carbon brush and maintenance free.
- / The latest CURTIS AC control system provides accurate and stable control to work more efficient.
- / The applied CANBUS structure to offer more reliable and faster command access.
- / Regenerative brake and slope anti-slide function are offered by this truck.
- / Stand-on type with high power drive motor, provides fast travel speed and good gradeability.

### Reliability

- / Four-pivot with low centre of gravity design and high strength steel frame structure chassis provide larger residual load capacity and longer working life.
- / Water-proof plugs and connectors applied to provide a reliable protection to electric system.
- / The adopted unique floating suspension system ensures good driving wheels grip and excellent.
- / Top quality hydraulic power unit applied to provide low noise, low vibration, smooth lifting and landing reliable operation.
- / Punch-formed forks to provide more strength and tip guide to provide higher efficient operation.
- / H-type mast profile section to provide more stable and rigid performance.
- / The power plug is fixed on the truck body to avoid damage from battery installment.
- / Pedestrian type use the new design drive system, the drive motor will not accompany the tiller rotation, it can keep all the cable connect to the drive motor avoid being bent.
- / Using non-contact proximity switch, it can provides long life and reliable operation.

### Comfort

- / The shock absorption design of foldable platform improves comfort greatly to the operator.
- / The new designed floating suspension driving system, adjustable automatically with loads, offers the driving wheels sufficient power.
- / Simple and beautiful tiller designed to operate all functions easily even by one hand.
- / Displayed turtle speed function applied to move slowly and helps to stack goods in narrow spaces.
- / Optimized designing structure to offer a good visibility and easy entrance of the pallet.
- / The compact body and big rounded design provide an ideal operation in limited space, and the wedge designed chassis greatly increases the passing ability.
- / Customer can choose different width of outside fork and length of forks to fit variable pallet.

### Safety

- / With three braking types: releasing brake, reversing brake and emergency brake, the driving safety has been ensured.
- / The applied slope anti-slip function ensures the safety of the operation.
- / The emergency button on the tiller head can effectively avoid the harm to the driver.
- / Soft landing system applied to offer protection to the loads from damaging.
- / Turning speed is automatically reduced when steering only for stand-on.
- / Turtle speed function can keep the slow move when the tiller is vertical direction, the truck can stack goods even in narrow space.
- / Travel speed will be automatically reduced after fork lifting 500mm.

### Maintenance

- / AC motor with no cabin brush, don't need maintenance, lower cost.
- / Rear cover can be completely open, operator can see all the components, so the maintenance is very convenient.
- / All shafts installed lubricated shaft sleeve and oil cup, provide convenient maintenance and long service life.

### Standard Specification

- / Horn
- / AC drive motor
- / Battery
- / PU drive wheel
- / Tandem wheels
- / Fork lift & lower adopts stepless speed regulating
- / Pedal and handrail
- / Soft landing system
- / 1150mm fork length
- / CURTIS AC controller
- / Hydraulic power unit
- / 570mm outside fork width
- / Emergency disconnect switch
- / Multi-function battery indicator
- / CAN-bus system multi-function tiller
- / Electric steering (stand on pallet stacker)

### Options

- / Load backrest
- / Mast protection
- / 240Ah, 340Ah battery
- / Different width of outside fork
- / Different mast lifting heights
- / Cold store protection (-30 C)
- / Side way battery change
- / Different length of forks
- / Overhead guard





### 1.2-1.6t Hi Range Pallet Stacker Truck Specification:

Mast Type	Max Lifting Height h <sub>3</sub>	Max. fork height (h <sub>3</sub> +h <sub>1</sub> )	Lowered Height h <sub>1</sub>	Extended Height h <sub>4</sub>	Free lift	Load capacity at 600mm/23.6 inch		
						1.2t/2646lb	1.4t/3086lb	1.6t/3527lb
Double cylinder duplex wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb	kg/lb	kg/lb
	2000/78.7	2090/82.3	1542/60.7	2542/100.1	90/3.5	1200/2646	1400/3087	1600/3527
	2500/98.4	2590/102.0	1792/70.6	3042/119.8	90/3.5	1200/2646	1400/3087	1600/3527
	2700/106.3	2790/109.8	1892/74.5	3242/127.6	90/3.5	1200/2646	1400/3087	1600/3527
	3000/118.1	3090/121.7	2042/80.4	3542/139.4	90/3.5	1200/2646	1400/3087	1600/3527
	3300/129.9	3390/133.5	2192/86.3	3842/151.3	90/3.5	1200/2646	1200/2646	1300/2866
	3500/137.8	3590/141.3	2292/90.2	4042/159.1	90/3.5	1070/2359	1070/2359	1130/2491
	3600/141.7	3690/145.3	2342/92.2	4142/163.1	90/3.5	1000/2205	1000/2205	1050/2315
	3800/149.6	3890/153.1	2442/96.1	4342/170.9	90/3.5	920/2028	920/2028	970/2139
	4000/157.5	4090/161.0	2642/104.0	4642/182.6	90/3.5	850/1874	850/1874	900/1994
4300/169.3	4390/172.8	2792/109.9	4942/194.6	90/3.5	770/1698	770/1698	810/1786	
4500/177.2	4590/180.7	2892/113.9	5142/202.4	90/3.5	680/1499	680/1499	710/1565	
Duplex full-free wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb	kg/lb	kg/lb
	2000/78.7	2090/82.3	1595/62.8	2595/102.2	1090/42.9	1200/2646	1400/3087	1600/3527
	2500/98.4	2590/102.0	1845/72.6	3095/121.9	1340/52.8	1200/2646	1400/3087	1600/3527
	2700/106.3	2790/109.8	1945/76.6	3295/129.7	1440/56.7	1200/2646	1400/3087	1600/3527
	3000/118.1	3090/121.7	2095/82.5	3595/141.5	1590/62.6	1200/2646	1400/3087	1600/3527
	3300/129.9	3390/133.5	2245/88.4	3895/153.3	1740/68.5	1200/2646	1200/2646	1300/2866
	3500/137.8	3590/141.3	2345/92.3	4095/161.2	1840/72.4	1070/2359	1070/2359	1130/2491
	3600/141.7	3690/145.3	2395/94.3	4195/165.2	1890/74.4	1000/2205	1000/2205	1050/2315
	3500/137.8	3590/141.3	1844/72.6	4214/165.9	1220/48.0	1070/2359	1070/2359	1130/2491
	3700/145.7	3790/149.2	1909/75.2	4409/173.6	1290/50.8	960/2116	960/2116	1010/2227
Triplex full-free wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb	kg/lb	kg/lb
	4000/157.5	4090/161.0	2009/79.1	4709/185.4	1390/54.7	850/1874	850/1874	900/1994
	4300/169.3	4390/172.8	2109/83.0	5009/197.2	1490/58.7	770/1698	770/1698	810/1786
	4500/177.2	4590/180.7	2159/85.0	5159/203.1	1590/62.6	680/1499	680/1499	710/1565
	4700/185.0	4790/188.6	2259/88.9	5459/214.9	1590/62.6	600/1323	600/1323	630/1399
	5000/196.9	5090/200.4	2354/92.7	5744/226.1	1700/66.9	500/1102	500/1102	530/1168
	5200/204.7	5290/208.2	2409/94.8	5909/232.6	1790/70.5	440/970	440/970	470/1036
	5500/216.5	5590/220.1	2509/98.8	6209/244.4	1890/74.4	320/705	320/705	350/772



### Li-Ion Technology

- / The power supply is lithium iron phosphate battery. Each cell is provided with the safety protection device, and is safe and reliable.
- / With advanced BMS power supply management system, intercommunication between the lithium battery and vehicle controller can be realized in order to conduct real-time monitoring for the battery status. The service life and safety of the battery can be effectively improved.
- / With high multiplying power discharge technology, the forklift still can output strong power at the end of battery discharge period.
- / Charging and discharge efficiency are higher, the forklift can have longer endurance mileage, the battery is energy-saving and environment-friendly.
- / With fast charging technology, the lithium battery can be fully charged within 2h.
- / The lithium battery pack adopts the fully-enclosed structure, and is safe and reliable.
- / The battery is maintenance-free, does not result in heavy-metal pollution, and is green and environment-friendly.



### 2.0t Hi Range Pallet Stacker Truck Specification:

Mast Type	Max Lifting Height h <sub>3</sub>	Max. fork height (h <sub>3</sub> +h <sub>1</sub> )	Lowered Height h <sub>1</sub>	Extended Height h <sub>4</sub>	Free lift	Load capacity at 600mm/23.6 inch
						2.0t/4409lb
Double cylinder duplex wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb
	2000/78.7	2090/82.3	1647/64.8	3647/143.6	90/3.5	2000/4409
	2500/98.4	2590/102.0	1897/74.7	3147/123.9	90/3.5	2000/4409
	2700/106.3	2790/109.8	1997/78.6	3347/131.8	90/3.5	1800/3968
	3000/118.1	3090/121.7	2147/84.5	3647/143.6	90/3.5	1600/3527
	3300/129.9	3390/133.5	2297/90.4	3947/155.4	90/3.5	1350/2976
	3500/137.8	3590/141.3	2397/94.4	4147/163.3	90/3.5	1180/2602
	3600/141.7	3690/145.3	2447/96.3	4247/167.2	90/3.5	1100/2425
	3800/149.6	3890/153.1	2547/100.3	4447/175.1	90/3.5	980/2161
	4000/157.5	4090/161.0	2747/108.1	4747/186.9	90/3.5	950/2094
Duplex full-free wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb
	2000/78.7	2090/82.3	1700/66.9	2700/106.3	1090/42.9	2000/4409
	2500/98.4	2590/102.0	1950/76.8	3200/126.0	1340/52.8	2000/4409
	2700/106.3	2790/109.8	2050/80.7	3400/133.9	1440/56.7	1800/3968
	3000/118.1	3090/121.7	2200/86.6	3700/145.7	1590/62.6	1600/3527
	3300/129.9	3390/133.5	2350/92.5	4000/157.5	1740/68.5	1350/2976
	3500/137.8	3590/141.3	2450/96.5	4200/165.4	1840/72.4	1180/2602
	3600/141.7	3690/145.3	2500/98.4	4300/169.3	1890/74.4	1100/2425
	3500/137.8	3590/141.3	1944/76.5	4314/169.8	1130/44.5	1180/2602
	3700/145.7	3790/149.2	2009/79.1	4509/177.5	1200/47.2	1020/2249
Triplex full-free wide view	mm/in	mm/in	mm/in	mm/in	mm/in	kg/lb
	4000/157.5	4090/161.0	2109/83.0	4809/189.3	1300/51.1	950/2094
	4300/169.3	4390/172.8	2209/87.0	5109/201.1	1400/55.1	860/1896
	4500/177.2	4590/180.7	2259/88.9	5259/207.0	1500/59.1	760/1676
	4700/185.0	4790/188.6	2359/92.9	5559/218.9	1500/59.1	680/1499
	5000/196.9	5090/200.4	2454/96.6	5844/230.1	1610/63.4	570/1257
	5200/204.7	5290/208.2	2509/98.8	6009/236.6	1700/66.9	510/1124
	5500/216.5	5590/220.1	2609/102.7	6309/248.4	1800/70.9	400/881.8

# Series Pallet Stacker Truck Rg

Distinguishing mark	HANGCHA GROUP CO.,LTD.																		
	1.1	1.2	CDD12-AC15 CDD12-AZ35	CDD14-AC15 CDD14-AZ35	CDD16-AC15 CDD16-AZ35	CDD18-AC15 CDD18-AZ35	CDD20-AC15 CDD20-AZ35	CDD22-AC15 CDD22-AZ35	CTD12-AC15 CTD12-AZ35	CTD14-AC15 CTD14-AZ35	CTD16-AC15 CTD16-AZ35	CTD18-AC15 CTD18-AZ35	CTD20-AC15 CTD20-AZ35	CTD22-AC15 CTD22-AZ35	CTD24-AC15 CTD24-AZ35	CTD26-AC15 CTD26-AZ35	CTD28-AC15 CTD28-AZ35	CTD30-AC15 CTD30-AZ35	
1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian	Standing	Pedestrian
1.5	Rated capacity/rated load	Q (kg)/lb	1200/2646	1200/2646	1400/3087	1400/3087	1600/3527	1600/3527	2000/4409	2000/4409	1200/2646	1200/2646	1400/3087	1400/3087	1600/3527	1600/3527	2000/4409	2000/4409	2000/4409
1.6	Load centre distance	c (mm)/in	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6	600/23.6
1.9	Wheelbase	y (mm)/in	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1	1425/56.1
Weight	2.1	Service Weight	kg/lb	1310/2880	1177/2595	1315/2899	1182/2605	1362/3003	1215/2679	1465/3207	1258/2773	1390/3042	1247/2749	1389/3053	1252/2760	1432/3157	1285/2832	1475/3252	1328/2927
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU
3.2	Tyre size, front	mm/in	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0	ø230x75/ø91x3.0
3.3	Tyre size, rear	mm/in	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8	ø85x70/ø33x2.8
3.4	Additional wheel (dimensions)	mm/in	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2	ø140x55/ø55x2.2
3.5	Wheels, number front / rear (x = driven wheels)		1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4
3.6	Tread, front	b10 (mm/in)	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7	525/20.7
3.7	Tread, rear	b11 (mm/in)	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2	385/15.2
4.4	Lift	h3 (mm/in)	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3	2700/106.3
4.15	Fork height/lowered	h33 (mm)	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5	90/3.5
4.19	Overall length	l1 (mm/in)	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2059/82.5 <sup>1)</sup>
	Overall length(unfold the pedal)	l1 (mm/in)	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>	2050/80.7 <sup>1)</sup>	2527/99.5 <sup>1)</sup>
4.21	Overall width	b1 (mm/in)	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5	800/31.5
4.22	Fork dimensions ISO 2331	s/e/l (mm/in)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)	65/185/1150 (2.6/7.3/45.3)
4.25	Distance between fork-arms	bs (mm/in)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)	570/680 (22.4/26.8)
4.32	Ground clearance, centre of wheelbase	m2 (mm/in)	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2	30/1.2
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm/in)	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>	2312/91.3 <sup>1)</sup>
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast (mm/in)	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>	2362/93.2 <sup>1)</sup>
4.35	Turning radius	Wa (mm/in)	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4	1662/65.4
Performance data	5.1	Travel speed/laden/unladen	km/h (mph)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)	7.0/7.0 (4.3/4.3)	6.0/6.0 (3.7/3.7)
5.2	Lift speed,laden/unladen	m/s (ft/min)	0.087/0.133 (1.71/26.2)	0.087/0.133 (1.71/26.2)	0.129/0.198 (2.54/39)	0.129/0.198 (2.54/39)	0.109/0.160 (2.13/31.5)	0.109/0.160 (2.13/31.5)	0.098/0.160 (1.93/31.5)	0.098/0.160 (1.93/31.5)	0.087/0.133 (1.71/26.2)	0.087/0.133 (1.71/26.2)	0.129/0.198 (2.54/39)	0.129/0.198 (2.54/39)	0.109/0.160 (2.13/31.5)	0.109/0.160 (2.13/31.5)	0.098/0.160 (1.93/31.5)	0.098/0.160 (1.93/31.5)	0.098/0.160 (1.93/31.5)
5.3	Lowering speed,laden/unladen	m/s (ft/min)	0.155/0.158 (30.5/31.1)	0.155/0.158 (30.5/31.1)	0.213/0.200 (41.9/39.4)	0.213/0.200 (41.9/39.4)	0.185/0.155 (36.4/30.5)	0.185/0.155 (36.4/30.5)	0.195/0.155 (38.4/30.5)	0.195/0.155 (38.4/30.5)	0.155/0.158 (30.5/31.1)	0.155/0.158 (30.5/31.1)	0.213/0.200 (41.9/39.4)	0.213/0.200 (41.9/39.4)	0.185/0.155 (36.4/30.5)	0.185/0.155 (36.4/30.5)	0.195/0.155 (38.4/30.5)	0.195/0.155 (38.4/30.5)	0.195/0.155 (38.4/30.5)
5.8	Max Gradeability,laden/unladen	%	10/16	8/16	10/16	8/16	8/16	8/16	8/16	8/16	10/16	8/16	10/16	8/16	10/16	8/16	10/16	8/16	10/16
Electric engine	6.1	Drive motor rating S2 60 min	kW/hp	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0	2.2/3.0	1.5/2.0
6.2	Lift motor rating at S3 15%	kW/hp	2.2/3.0	2.2/3.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	2.2/3.0	2.2/3.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0	3.0/4.0
	Steering motor power	kW/hp	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27	0.2/0.27
6.4	Battery voltage,rated capacity (Lead-acid)	V/Ah	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240	24/240
	Battery voltage,rated capacity,Optional	V/Ah	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340
8.1	Type of drive control	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
9.1	Manufacturer	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI	CURTIS/ZAPI

Note: 1) Triplex Mast\*21mm\*+0.83in

## Li-Ion Battery Specification

Type		CDD12-AC15-I	CDD14-AC15-I	CDD16-AC15-I	CDD20-AC15-I	CTD12-AC15-I	CTD14-AC15-I	CTD16-AC15-I	CTD20-AC15-I
Li-Ion battery	V/Ah	24/150	24/150	24/150	24/150	24/150	24/150	24/150	24/150
Li-Ion battery,Optional	V/Ah	24/200	24/200	24/200	24/200	24/200	24/200	24/200	24/200

