



Basic Range

1.2/1.4/1.6t Pallet Stacker

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.

Reliability

- Five-pivot with low centre of gravity design and high strength steel frame structure chassis provide larger residual load capability 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 stability.
- 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.

Comfort

- The shock absorption design of foldable platform improves comfort greatly to the operator.
- The new designed floating suspension system made steering operation more flexible and convenient.
- 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.

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 protect loads from damaging effectively.

Standard Specifications

- Horn
- Pedal
- AC drive motor
- PU drive wheel
- Tandem wheels
- 2.7m 2-stage mast
- Soft landing system
- CURTIS AC controller
- 1150mm fork length
- Hydraulic power unit
- 570mm outside fork width
- Emergency disconnect switch
- Multi-function battery indicator
- CAN-bus system multi-function tiller

		HANGCHA GROUP CO., LTD.							
Characteristics	Manufacturer								
	Model	CDD12-AEC1S	CDD12-AEC1	CDD14-AEC1S	CDD14-AEC1	CDD16-AEC1S	CDD16-AEC1		
1.1	Model								
1.2	Operator type	Stand-on	Pedestrian	Stand-on	Pedestrian	Stand-on	Pedestrian		
1.3	Load capacity	Q (Kg)	1200	1200	1400	1400	1600		
1.4	Load center	c (mm)	600	600	600	600	600		
1.5	Wheelbase	y (mm)	1378	1378	1378	1378	1378		
Weight	Service weight with battery	kg	1030	990	1030	990	1060	1020	
Wheels&Tyres	3.1	Tyre type	PU	PU	PU	PU	PU	PU	
	3.2	Tyre size, operator side	φ250×80	φ250×80	φ250×80	φ250×80	φ250×80	φ250×80	
	3.3	Tyre size, load side	φ85×70	φ85×70	φ85×70	φ85×70	φ85×70	φ85×70	
	3.4	Auxiliary wheel size	φ125×50	φ125×50	φ125×50	φ125×50	φ125×50	φ125×50	
	3.5	Wheels, number operator/load side (x=drive wheels)	1x+2/4	1x+2/4	1x+2/4	1x+2/4	1x+2/4	1x+2/4	
	3.6	Tread, operator side	b10 (mm)	620	620	620	620	620	
3.7	Tread, load side	b11 (mm)	385	385	385	385	385		
Dimensions	4.1	Lift height	h3 (mm)	2700	2700	2700	2700	2700	
	4.2	Fork height, lowered	h13 (mm)	90	90	90	90	90	
	4.3	Overall length(fold the pedal)	L1 (mm)	2063	2013	2063	2013	2063	
	4.4	Overall length(unfold the pedal)	L1 (mm)	2495		2495		2495	
	4.5	Overall width	b1 (mm)	860	860	860	860	860	
	4.6	Fork size	s/e/L (mm)	65x185x1150	65x185x1150	65x185x1150	65x185x1150	65x185x1150	
	4.7	Outside fork width	b5 (mm)	570	570	570	570	570	
	4.8	Ground clearance, center of wheelbase, min	m2 (mm)	25	25	25	25	25	
	4.9	Min. right angle stacking aisle width 1000x1200 across forks	Ast (mm)	2280	2220	2280	2220	2280	
	4.10	Min. right angle stacking aisle width 800x1200 along forks	Ast (mm)	2330	2270	2330	2270	2330	
	4.11	Outer turning radius, min	Wa (mm)	1630	1570	1630	1570	1630	
Performance	5.1	Travel speed, laden/unladen	km/h	5/5	5/5	5/5	5/5	5/5	
	5.2	Lift speed, laden/unladen	mm/s	110/160	110/160	100/160	100/160	100/160	
	5.3	Lowering speed, laden/unladen	mm/s	170/180	170/180	170/180	170/180	170/180	
	5.4	Max. Gradeability, laden/unladen	%	6/10	6/10	6/10	6/10	6/10	
Motor&Battery	6.1	Drive motor power	KW	1.1	1.1	1.1	1.1	1.1	
	6.2	Lift motor power	KW	2.2	2.2	2.2/3 ¹⁾	2.2/3 ¹⁾	3	3
	6.3	Battery voltage, rated capacity	V/Ah	24/210	24/210	24/210	24/210	24/240	24/240
	6.4	Optional battery voltage, rated capacity	V/Ah	24/240	24/240	24/240	24/240		
7.1	Controller mode		curtis AC	curtis AC	curtis AC	curtis AC	curtis AC	curtis AC	

1) Single lifting cylinder equipped with 2.2KW lift motor power, double lifting cylinder equipped with 3KW lift motor power. Specifications are subject to change without notice.

Options

240Ah battery
Load backrest

Mast protection
680mm outside fork width

Different mast lifting heights
Cold store protection (-30°C)
Different length of forks(1220mm, 1600mm)

Dimensions

