



Hi Range

1.2/1.4/1.6/2.0t Pallet Stacker

High Performance

- AC travelling motor applied to provide excellent acceleration, good gradeability, low heat, no carbon brush and maintenance free. Max. travel speed reaches to 9.5Km/h with high speed and high efficiency.
- 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

- Four-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 driving system, adjusted 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.

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.

Standard Specifications

- Horn
- 2-stage mast
- AC drive motor
- PU drive wheel
- Tandem wheels
- 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)

		HANGCHA GROUP CO., LTD.							
Characteristics	Manufacturer								
	Model	CDD12-AC1S	CDD12-AC1	CDD14-AC1S	CDD14-AC1	CDD16-AC1S	CDD16-AC1	CDD20-AC1S	CDD20-AC1
1.1	Model								
1.2	Operator type	Stand-on	Pedestrian	Stand-on	Pedestrian	Stand-on	Pedestrian	Stand-on	Pedestrian
1.3	Load capacity	Q (Kg)	1200	1200	1400	1400	1600	1600	2000
1.4	Load center	c (mm)	600	600	600	600	600	600	600
1.5	Wheelbase	y (mm)	1405	1405	1405	1405	1425	1425	1425
2.1	Service weight with battery	kg	1080	1041	1100	1061	1130	1091	1285
3.1	Tyre type		PU	PU	PU	PU	PU	PU	PU
3.2	Tyre size, operator side	mm	φ230x75	φ230x75	φ230x75	φ230x75	φ230x75	φ230x75	φ230x75
3.3	Tyre size, load side	mm	φ85x70	φ85x70	φ85x70	φ85x70	φ85x70	φ85x70	φ85x70
3.4	Auxiliary wheel size	mm	φ140x55	φ140x55	φ140x55	φ140x55	φ140x55	φ140x55	φ140x55
3.5	Wheels, number operator/load side (x=drive wheels)		1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4
3.6	Tread, operator side	b10 (mm)	525	525	525	525	525	525	525
3.7	Tread, load side	b11 (mm)	385	385	385	385	385	385	385
4.1	Lift height	h3 (mm)	2700	2700	2700	2700	2700	2700	2700
4.2	Fork height, lowered	h13 (mm)	90	90	90	90	90	90	90
4.3	Overall length(fold the pedal)	L1 (mm)	2075	2025	2075	2025	2095	2045	2045
4.4	Overall length(unfold the pedal)	L1 (mm)	2507		2507		2527		2527
4.5	Overall width	b1 (mm)	800	800	800	800	800	800	800
4.6	Fork size	s/e/L (mm)	65x185x1150	65x185x1150	65x185x1150	65x185x1150	65x185x1150	65x185x1150	65x185x1150
4.7	Outside fork width	b5 (mm)	570	570	570	570	570	570	570
4.8	Ground clearance, center of wheelbase, min	m2 (mm)	25	25	25	25	25	25	25
4.9	Min. right angle stacking aisle width 1000x1200 across forks	Ast (mm)	2162	2163	2162	2163	2162	2163	2162
4.10	Min. right angle stacking aisle width 800x1200 along forks	Ast (mm)	2362	2363	2362	2363	2362	2363	2362
4.11	Outer turning radius, min	Wa (mm)	1642	1643	1642	1643	1662	1663	1662
5.1	Travel speed, laden/unladen	km/h	9/9.5	6/6	9/9.5	6/6	7.5/9.5	5/6	7.5/9.5
5.2	Lift speed, laden/unladen	mm/s	107/175	107/175	140/191	140/191	118/150	118/150	110/150
5.3	Lowering speed, laden/unladen	mm/s	165/175	165/175	165/175	165/175	160/170	160/170	160/170
5.4	Max. Gradeability, laden/unladen	%	8/16	8/16	8/16	8/16	5/16	5/16	5/16
6.1	Drive motor power	KW	2.2	1.5	2.2	1.5	2.2	1.5	2.2
6.2	Lift motor power	KW	2.2	2.2	3	3	3	3	3
6.3	Steering motor power	KW	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6.4	Battery voltage, rated capacity	V/Ah	24/280	24/240	24/280	24/240	24/340	24/280	24/340
6.5	Optional battery voltage, rated capacity	V/Ah	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340	~24/340
7.1	Controller mode		curtis AC	curtis AC	curtis AC	curtis AC	curtis AC	curtis AC	curtis AC

Specifications are subject to change without notice.

Options

- Load backrest 280Ah, 340Ah battery
- Mast protection 680mm outside fork width
- Different mast lifting heights
- Cold store protection (-30 C)
- Different length of forks(1220mm, 1600mm)

Dimensions

