



# A Series Pallet Stacker Mini Range (single column)

with capacities of 1,000 to 1,200kg

## 1.0/1.2t Mini Range Pallet Stacker Single Column Specification:

Mast Type	Max Lifting Height h <sub>3</sub>	Max. fork height (h <sub>3</sub> +h <sub>13</sub> )	Lowered Height h <sub>1</sub>	Extended Height h <sub>4</sub>	Free Lift	Load Capacity at 600mm/23.6in	
						1.0t/2205lb	1.2t/2646lb
Single cylinder Single mast	mm/in	mm/in	mm/in	mm/in	mm/in	Kg/lb	Kg/lb
	1500/59.1	1585/62.4	1979/77.9	1986/78.2	1493/58.8	1000/2205	1200/2646
	1750/68.9	1835/72.2	2229/87.7	2236/87.8	1743/68.6	1000/2205	1200/2646
	2000/78.7	2085/82.1	2479/97.6	2486/97.9	1993/78.5	1000/2205	1200/2646

## High Performance

- / Strong power to satisfy most applications of material handling.
- / Latest permanent magnetic system including motor and controller applied to provide excellent, efficient performance.
- / Regenerative brake and slope anti-slide function are offered by this truck.

## Reliability

- / CDD: The adopted four-pivot design to provide reasonable driving wheel balance and good visibility and reliability.
- / The applied lifting system with optimized design is more stable and reliable.
- / Water-proof plugs and connectors applied to provide a reliable protection to electric system.
- / Top quality hydraulic power unit applied to provide low noise, low vibration, smooth lifting and landing.
- / Punch-formed forks to provide more strength and tip guide to provide higher efficient operation.

## Standard Specification

- / Horn
- / PU drive wheel
- / Internal charger
- / Multi-function tiller
- / Tandem load wheels
- / 1150mm fork length
- / Hydraulic power unit
- / Maintenance free battery
- / 560mm outside fork width
- / Permanent magnetic motor
- / Emergency disconnect switch
- / CURTIS permanent magnetic controller
- / 1.5m standard mast

## Comfort

- / Simple and beautiful tiller designed to operate all functions easily even by one hand.
- / Optimized design to offer a good visibility and easy entrance of the pallet.
- / Built-in charger and maintenance free gel battery adopted to provide convenient usage.
- / Compact size to offer smart operations and pass of narrow aisle.

## 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 in emergent situations when driving in reverse.
- / The standard equipped electronic lifting limitation and soft landing system protect working motor and loads from damaging.

## Options

- / Load backrest
- / 1220mm fork length
- / 680mm outside fork width
- / Cold store protection(-30 C )
- / 2m mast

## A Series Pallet Stacker Mini Range-Single Column

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.			
	1.2	Manufacturer's type designation		CDD10-AMC2*	CDD12-AMC2*	CTD10-AMC2*	CTD12-AMC2*
	1.4	Operator type: hand, pedestrian, standing, order-picker		Pedestrian	Pedestrian	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q (kg/lb)	1000/2205	1200/2646	1000/2205	1200/2646
	1.6	Load centre distance	c (mm/in)	600/23.6	600/23.6	600/23.6	600/23.6
	1.9	Wheelbase	y (mm/in)	1197.5/47.1	1197.5/47.1	1197.5/47.1	1197.5/47.1
Weight	2.1	Service Weight	kg/lb	500/1102	500/1102	500/1102	500/1102
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU	PU	PU	PU
	3.2	Tyre size, front	mm/in	φ250/9.8x80/3.1	φ250/9.8x80/3.1	φ250/9.8x80/3.1	φ250/9.8x80/3.1
	3.3	Tyre size, rear	mm/in	φ85/3.3x70/2.8	φ85/3.3x70/2.8	φ85/3.3x70/2.8	φ85/3.3x70/2.8
	3.4	Additional wheel (dimensions)	mm/in	φ125/4.9x50/2	φ125/4.9x50/2	φ125/4.9x50/2	φ125/4.9x50/2
	3.5	Wheels, number front / rear (x = driven wheels)		1x+1/4	1x+1/4	1x+1/4	1x+1/4
	3.6	Tread, front	b <sub>10</sub> (mm/in)	520/20.5	520/20.5	520/20.5	520/20.5
	3.7	Tread, rear	b <sub>11</sub> (mm/in)	390/15.4	390/15.4	1060/1170/1370 (39.4/46.1/53.9)	1060/1170/1370 (39.4/46.1/53.9)
Dimensions	4.4	Lift	h <sub>3</sub> (mm/in)	1500/59.1	1500/59.1	1500/59.1	1500/59.1
	4.15	Fork height,lowered	h <sub>13</sub> (mm/in)	90/3.5	90/3.5	50/2.0	50/2.0
	4.19	Overall length	l <sub>1</sub> (mm/in)	1695/66.7	1695/66.7	1695/66.7	1695/66.7
	4.21	Overall width	b <sub>1</sub> (mm/in)	800/31.5	800/31.5	1160/1270/1470 (45.7/50/57.9)	1160/1270/1470 (45.7/50/57.9)
	4.22	Fork dimensions ISO 2331	s/e/l mm(in)	60/170/1150 (2.4/6.7/45.3)	60/170/1150 (2.4/6.7/45.3)	35/100/1070 (1.4/6.7/42.1)	35/100/1070 (1.4/6.7/42.1)
	4.25	Distance between fork-arms	b <sub>5</sub> (mm/in)	560/22.0	560/22.0	210-790/8.3-31.1	210-790/8.3-31.1
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm/in)	35/1.4	35/1.4	35/1.4	35/1.4
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	A <sub>st</sub> (mm/in)	2002/78.8	2002/78.8	2002/78.8	2002/78.8
	4.34.2	Aisle width for pallets 800 x 1200 lengthways	A <sub>st</sub> (mm/in)	2052/80.8	2052/80.8	2052/80.8	2052/80.8
	4.35	Turning radius	W <sub>a</sub> (mm/in)	1422/56.0	1422/56.0	1422/56.0	1422/56.0
	5.1	Travel speed,laden/unladen	km/h mph	4.2/4.5 2.6/2.8	4.2/4.5 2.6/2.8	4.2/4.5 2.6/2.8	4.2/4.5 2.6/2.8
	5.2	Lift speed,laden/unladen	m/s (ft/min)	0.140/0.230 (27.6/45.3)	0.120/0.230 (23.6/45.3)	0.140/0.230 (27.6/45.3)	0.120/0.230 (23.6/45.3)
	5.3	Lowering speed,laden/unladen	m/s (ft/min)	0.180/0.170 (35.4/33.5)	0.180/0.170 (35.4/33.5)	0.180/0.170 (35.4/33.5)	0.180/0.170 (35.4/33.5)
Performance data	5.8	Max Gradeability,laden/unladen	%	6/10	6/10	6/10	6/10
	6.1	Drive motor rating S2 60 min	kW/hp	0.7/0.94	0.7/0.94	0.7/0.94	0.7/0.94
	6.2	Lift motor rating at S3 15%	kW/hp	2.2/2.95	2.2/2.95	2.2/2.95	2.2/2.95
	6.4	Battery voltage,rated capacity	V/Ah	2x12/70	2x12/70	2x12/70	2x12/70
Electric engine	8.1	Type of drive control		DC	DC	DC	DC
	9.1	Manufacturer		Curtis	Curtis	Curtis	Curtis

Note: ★ CE model