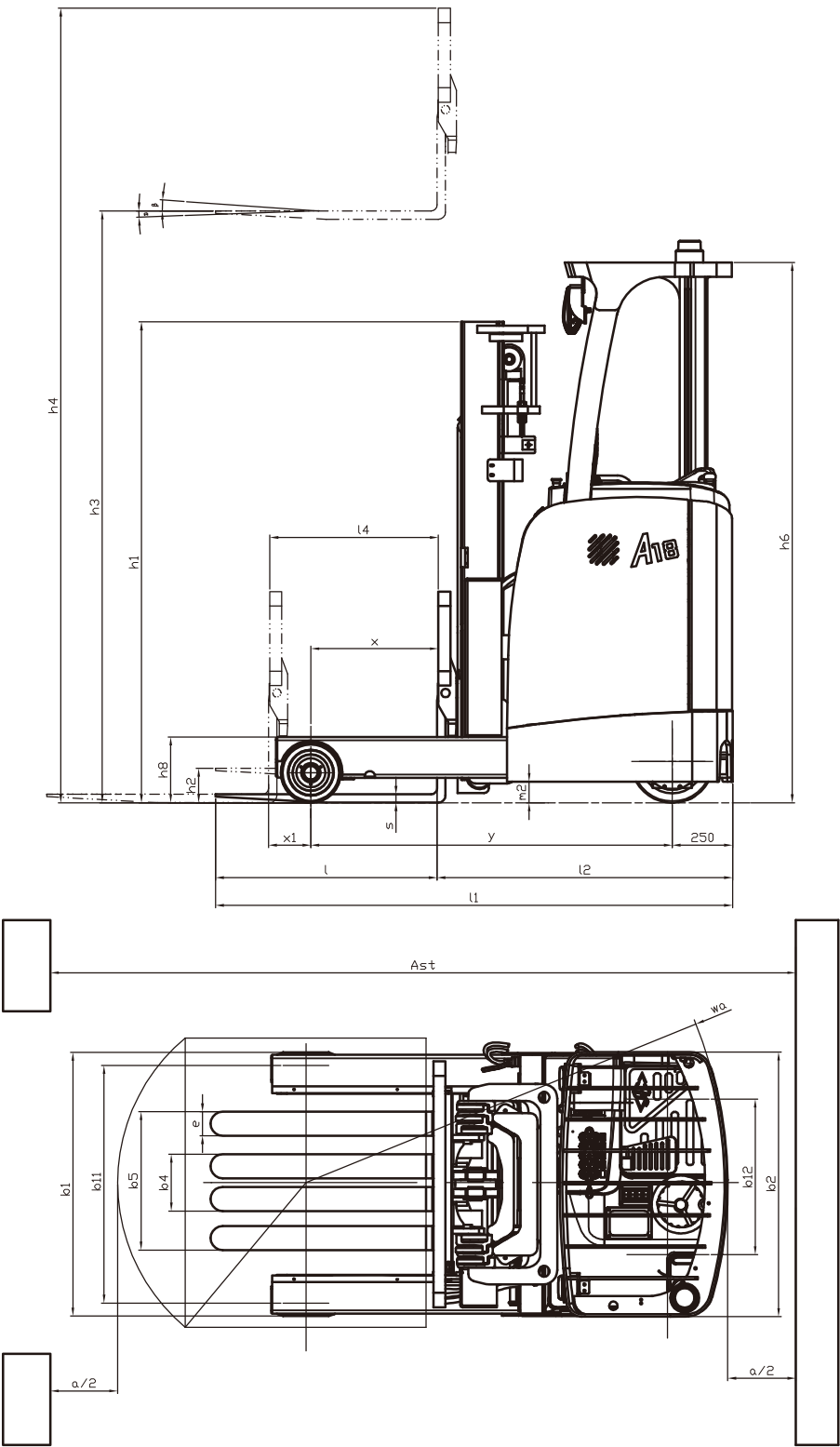


A Series 1.5~1.8t Stand-on Reach Truck Specification

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.	
	1.2	Manufacturer's type designation		CQD15-AC2S	CQD18-AC2S
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric	Electric
	1.4	Operator Position		Stand On	Stand On
	1.5	Rated capacity/rated load	Q (kg)	1500	1800
	1.6	Load centre distance	c (mm)	500	500
	1.7	Load distance, centre of drive axle to fork	x (mm)	375	525
	1.8	Load distance, centre of drive axle to fork,mast reached forward	x ₁ (mm)	175	175
	1.9	Wheelbase	y (mm)	1350	1500
Weight	2.1	Service weight (including battery)	Kg	2430	2460
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane
	3.2	Tyre size, rear	mm	Ø343×135	Ø343×135
	3.3	Tyre size, front ×2	mm	Ø250×105	Ø250×105
	3.4	Tyre size,Caster ×2	mm	Ø150×85	Ø150×85
	3.5	Wheels,number front/rear(×=driven wheels)		2/1×+2	2/1×+2
	3.6	Tread width,front	b ₁₁ (mm)	986	986
	3.7	Tread width,rear	b ₁₂ (mm)	645	645
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	3/5	3/5
	4.2	Height, mast lowered	h ₁ (mm)	1995	1995
	4.3	Lift	h ₃ (mm)	3000	3000
	4.4	Mast Extended height	h ₄ (mm)	3886	3886
	4.5	Free lift	h ₂ (mm)	100	100
	4.6	Height of overhead guard	h ₆ (mm)	2240	2240
	4.7	Ground clearance,below mast	m ₂ (mm)	80	80
	4.8	Height of support arms	h ₈ (mm)	275	275
	4.9	Overall length	l ₁ (mm)	2146	2146
	4.10	Length to face of forks	l ₂ (mm)	1226	1226
	4.11	Overall width	b ₁ /b ₂ (mm)	1094/1090	1094/1090
	4.12	Fork dimensions ISO	s/e/l (mm)	35×100×920	35×100×920
	4.13	Distance between fork-arms	b ₄ /b ₅ (mm)	230-720	230-720
	4.14	Reach distance	l ₄ (mm)	550	700
	4.15	Aisle width for pallets 1100 x 1100 , clearance 200	A _{st} (mm)	2710	2745
	4.16	Aisle width for pallets 1000 x 1200 crossways,clearance 200	A _{st} (mm)	2666	2715
	4.17	Turning radius	W _a (mm)	1600	1750
Performance Data	5.1	Travel speed,laden/unladen	Km/h	9.5/10.5	9.5/10.5
	5.2	Lift speed,laden/unladen	m/s	0.320/0.550	0.300/0.530
	5.3	Lowering speed,laden/unladen	m/s	0.440/0.400	0.440/0.400
	5.4	Reach speed,laden/unladen	m/s	0.110/0.110	0.110/0.110
	5.5	Max. gradeability,laden/unladen	%	15/20	15/20
Electric-engine	6.1	Drive motor rating S2 60 min	kW	AC 4	AC 4
	6.2	Lift motor rating at S3 15%	kW	AC 9	AC 9
	6.3	Steering motor	kW	DC 0.45	DC 0.45
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/280	48/280
	6.5	Battery weight	kg	485	485
Addition data	7.1	Type of drive control		CURTIS Full AC	CURTIS Full AC
	7.2	Operating pressure for attachments	bar	140	140
	7.3	Sound level at the driver's ear according to EN / DIN 12 053	dB (A)	<75	<75



1.5~1.8t Mast Specification

Type	Model	Lifting height h ₃	Mast lowered h ₁	Mast extended h ₄	Free lifting height h ₂	Tilting range		Load capacity at 500mm	
				With backrest	With backrest	Forward	Backward		
		mm	mm	mm	mm	(°)	(°)	1.5t	1.8t
Wide view duplex mast	QAZ18M	2500	1745	3386	100	3	5	1500	1800
		2700	1845	3586	100	3	5	1500	1800
		3000	1995	3886	100	3	5	1500	1800
		3500	2245	4386	100	3	5	1500	1800
		4000	2595	4886	100	3	5	1500	1800
		4500	2845	5386	100	3	5	1500	1800
		5000	3095	5886	100	3	5	1250	1550
Full free triplex mast	QAZ18N	4500	2165	5376	1179	3	5	1500	1800
		5000	2315	5876	1339	3	5	1250	1550
		5500	2490	6376	1519	3	5	1150	1450
		6000	2665	6876	1689	3	5	900	1200

