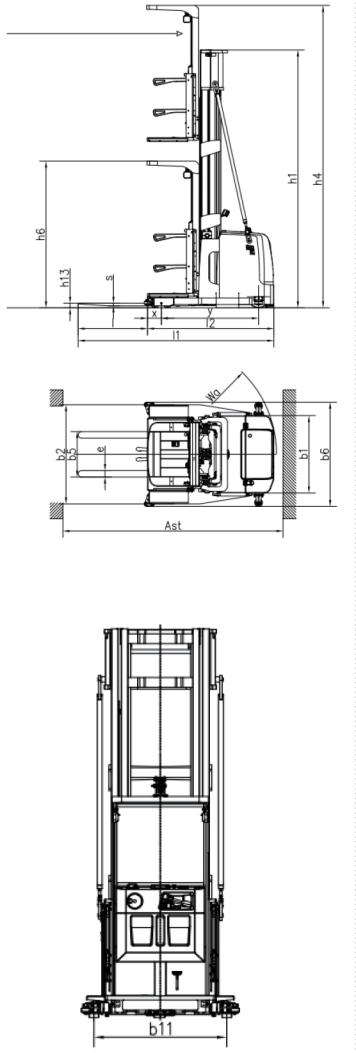
Characters			
1.1	Model		MHA1395SQ
1.2	Power Type		Battery
1.3	Operation Type		Stand on
1.4	Rated Capacity	Q(kg)	1360
1.5	Load Center	C(mm)	600
1.6	Front Overhang	x(mm)	213
1.7	Wheelbase	y(mm)	1495
Weight			
2.1	Service Weight(incl.battery)	kg	4800
Wheel			
3.1	Wheel Types		PU
3.2	Load Wheel	mm	ϕ 140×100
3.3	Drive wheel	mm	ϕ 343×120
3.4	Number of wheels,front/rear(x=drive wheel)		4/1X
3.5	Wheel tread,load side	b11(mm)	1353
Size			
4.1	Mast closed height	h1(mm)	4044
4.2	Lift height	h3(mm)	9280
4.3	Max lift height of fork	h25(mm)	9350
4.4	Mast extended height	h4(mm)	11711
4.5	Overhead guard height	h6(mm)	2251
4.6	Platform min.ground clearance	h7(mm)	220
4.7	Platform max.ground clearance	h12(mm)	9500
4.8	Picking height（h12+1600mm）	h28(mm)	11100
4.9	Fork face min.ground clearance	h13(mm)	70
4.10	Overall length	l1(mm)	3160
4.11	Length to fork face	l2(mm)	1928
4.12	Overall width	b1/b2(mm)	1190/1524
4.13	Fork size	l/e/s(mm)	1220/100/40
4.14	Fork outside width	b5(mm)	700
4.15	Guide wheel width	b6(mm)	1604
4.16	Mast ground clearance	m1(mm)	50
4.17	Body ground clearance	m2(mm)	50
4.18	Turning radius	Wa(mm)	1780
Function			
5.1	Driving speed(load/unload)	km/h	10/10
5.2	Lifting speed(load/unload)	mm/s	260/300
5.3	Lowering speed(load/unload)	mm/s	300/350
5.4	Brake type		Electromagnetic type
Drive			
6.1	Driving motor(S2-60min)	kw	6.5
6.2	Lifting motor(S3-15%)	kw	12.5
6.3	Steering motor	kw	0.6
6.4	Battery voltage/capacity	V/Ah	48/450
6.5	Battery weight	kg	767
Others			
7.1	Driving motor type		AC
7.2	Driver ear noise（EN12053 Standard）	dB(A)	75
7.3	Steering system		Electric power steering

The standard model data would vary according to the configuration

Three-view drawing



Mast Specification

Duplex Mast								
Model	MHA13	13-30	13-37	13-40	13-45	13-50	13-55	13-60
Lift height	h3	2780	3480	3780	4280	4780	5280	5780
Platform lift height	h12(h3+h7)	3000	3700	4000	4500	5000	5500	6000
Picking height	h28(h12+1600)	4600	5300	5600	6100	6600	7100	7600
Mast closed height	h1	2461	2728	2928	3128	3377	3711	3878
Max mast extended height	h4	5035	5735	6035	6535	7035	7535	8035

Triplex Mast								
Model	MHA13	13-60	13-65	13-70	13-75	13-80	13-85	13-90
Lift height	h3	5780	6280	6780	7280	7780	8280	8780
Platform lift height	h12(h3+h7)	6000	6500	7000	7500	8000	8500	9000
Picking height	h28(h12+1600)	7600	8100	8600	9100	9600	10100	10600
Mast closed height	h1	2928	3095	3211	3377	3544	3711	3878
Max mast extended height	h4	8035	8535	9035	9535	10035	10535	11035

Capacity chart

