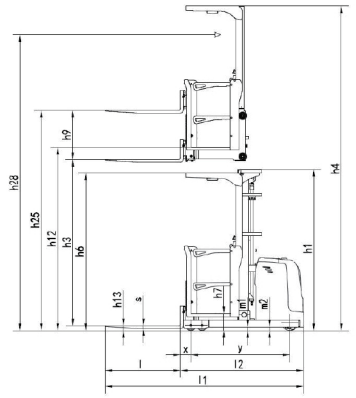
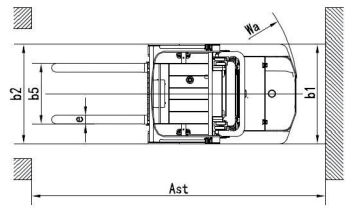
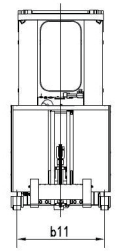
Characters				
1.1	Manufacturer		MHA1030	MHA1060S
1.2	Model		Battery	Battery
1.3	Power Type		Stand on	Stand on
1.4	Operation Type	Q(kg)	1000	1000
1.5	Load Center C(mm)	C(mm)	500	500
1.6	Front Overhang	x(mm)	148	160
1.7	Wheelbase y(mm)	y(mm)	1410	1410
Weight				
2.1	Service Weight(incl.battery)	kg	2490	2830
2.2	Weight distribution when loaded，drive side/load side	kg	940/2550	1130/2700
2.3	Weight distribution when unloaded，drive side/load side	kg	1410/1080	1610/1220
Wheel				
3.1	Wheel Types		PU	PU
3.2	Load Wheel	mm	ϕ 150×90	ϕ 150×90
3.3	Drive wheel	mm	ϕ 254×100	ϕ 254×100
3.4	Number of wheels,front/rear(x=drive wheel)		4/1X	4/1X
3.5	Wheel tread,load side	b11(mm)	1008	1008
Size				
4.1	Mast closed height	h1(mm)	2300	2815
4.2	Lift height	h3(mm)	2760	5760
4.3	Max lift height of fork	h25(mm)	3530	6530
4.4	Mast extended height	h4(mm)	5010	7955
4.5	Overhead guard height	h6(mm)	2270	2270
4.6	Platform min.ground clearance	h7(mm)	260	260
4.7	Auxiliary lift height	h9(mm)	700	700
4.8	Platform max.ground clearance	h12(mm)	3000	6000
4.9	Picking height（h12+1600mm）	h28(mm)	4600	7600
4.10	Fork face min.ground clearance	h13(mm)	70	70
4.11	Overall length	l1(mm)	2825	2835
4.12	Length to fork face	l2(mm)	1755	1765
4.13	Overall width	b1/b2(mm)	1150	1150
4.14	Fork size	l/e/s(mm)	1070/100/40	1070/100/40
4.15	Fork outside width	b5(mm)	700	700
4.16	Guide wheel width	b6(mm)	1336	1336
4.17	Mast ground clearance	m1(mm)	50	50
4.18	Body ground clearance	m2(mm)	50	50
4.19	"Aisle width for pallet 1000*1200 1200 Cross fork direction"	Ast(mm)	3120	3130
4.20	"Aisle width for pallet 800*1200 1200 Extended fork direction"	Ast(mm)	3230	3245
4.21	Turning radius	Wa(mm)	1625	1625
Function				
5.1	Driving speed(load/unload)	km/h	6/6.3	6/6.3
5.2	Lifting speed(load/unload)	mm/s	115/140	115/140
5.3	Lowering speed(load/unload)	mm/s	135/140	135/140
5.4	Brake type		Electromagnetic type	Electromagnetic type
Drive				
6.1	Driving motor(S2-60min)	kw	2.5	2.5
6.2	Lifting motor(S3-15%)	kw	3	3
6.3	Battery voltage/capacity	V/Ah	24/400	24/400
6.4	Battery weight	kg	350	350
Others				
7.1	Driving motor type		AC	AC
7.2	Driver ear noise（EN12053 Standard）	dB(A)	70	70
7.3	Steering system		Electric Power Steering	Electric Power Steering

"The standard model data would vary according to the configuration Guide wheel is optional,rail width ≥ b6+30mm"

Three-view drawing







Mast Specification

Duplex Mast					
Model	MHA	10-30	10-35	10-40	10-45
Lift height	h3	2760	3260	3760	4260
Total lift height	h24(h3+h9)	3460	3960	4460	4960
Fork lift height	h25(h3+h9+h13)	3530	4030	4530	5030
Auxiliary lift height	h9	700	700	700	700
Platform lift height	h12(h3+h7)	3000	3500	4000	4500
Picking height	h28(h12+1600)	4600	5100	5600	6100
Mast closed height	h1	2300	2550	2850	3100
Max mast extended height	h4	5010	5510	6060	6610

Triplex Mast						
Model	MHA	10-40S	10-45S	10-50S	10-55S	10-60S
Lift height	h3	3760	4260	4760	5260	5760
Total lift height	h24(h3+h9)	4460	4960	5460	5960	6460
Fork lift height	h25(h3+h9+h13)	4530	5030	5530	6030	6530
Auxiliary lift height	h9	700	700	700	700	700
Platform lift height	h12(h3+h7)	4000	4500	5000	5500	6000
Picking height	h28(h12+1600)	5600	6100	6600	7100	7600
Mast closed height	h1	2149	2316	2482	2649	2815
Max mast extended height	h4	5955	6455	6955	7455	7955

Capacity chart

