

MC10-15

Counterbalanced Stacker

1,730 - 2,600 lbs.

DRIVEN
BY **BALYO**

- Deposit or remove pallets from 2nd or 3rd level
- Handle smaller width pallets
- Stack or unstack loads
- Deposit or remove pallet from shrink wrap station



DRIVEN

BY BALLYO



General specifications MC10, MC12 and MC15

				Yale / Balyo					
GENERAL	1	Manufacturer		Yale / Balyo					
	2	Model designation		MC10	MC12	MC15			
	3	Power		Battery					
	4	Voltage		24					
	5	Operation		Pedestrian Stacker					
	6	Rated capacity	lb (kg)	1730 (785)	2060 (935)	2600 (1180)			
	7	Overall width	in (mm)	37.5 (952)	37.5 (952)	37.5 (952)			
	8	Wheelbase	in (mm)	51.2 (1300)	57.1 (1450)	63 (1600)			
	9	Overall length	in (mm)	121 (3084)	127 (3234)	133 (3384)			
	10	Outside turning radius	in (mm)	67 (1705)	73 (1852)	79 (2000)			
	11	Ground clearance	in (mm)	3 (76)	3 (76)	3 (76)			
	12	Tread width	in (mm)	33 (839)	33 (839)	33 (839)			
	13	Battery compartment		in (mm) See Battery Box Tab					
PERFORMANCE	14	Travel speed, no load		mph (m/s)	4 (1.8)	4 (1.8)	4 (1.8)		
		Travel speed, rated load		mph (m/s)	4 (1.8)	4 (1.8)	4 (1.8)		
	15	Gradeability load/no load		%	11/11	11/11	11/11		
	16	Lift speed, no load		fps (m/s)	0.91 (0.28)	0.91 (0.28)	0.91 (0.28)		
	17	Lift speed, rated load		fps (m/s)	0.85 (0.26)	0.65 (0.20)	0.59 (0.18)		
	18	Lower speed, no load		fps (m/s)	1.11 (0.34)	1.11 (0.34)	1.11 (0.34)		
	19	Lower speed, rated load		fps (m/s)	0.65 (0.20)	0.65 (0.20)	0.65 (0.20)		
	20	Brake	Service / parking		Electromagnetic				
	WT.	21	Truck weight		w/o Battery	lb (kg)	5258 (2390)	5456 (2480)	5654 (2570)
		22	Axle loading, no load		Front wheel	lb (kg)	2834 (1288)	3089 (1404)	3402 (1546)
Rear wheel					lb (kg)	2424 (1102)	2367 (1076)	2552 (1024)	
23		Axle loading, rated load		Front wheel	lb (kg)	6238 (2836)	6828 (3104)	8030 (3650)	
				Rear wheel	lb (kg)	1220 (554)	1268 (576)	924 (420)	
WHEELS & TIRES	24	Tire type		Drive / load wheel		Vulkollan			
	25	Tire size	Std.	Drive / load wheel	in	10 x 4.9/7.9 x 3.9	11 x 4.9/7.9 x 3.9	12 x 4.9/7.9 x 3.9	
	26	Wheels - Number	X = Driven	Drive / load wheel		1X / 2	1X / 2	1X / 2	
ELECTRIC	27	Battery	Type		Lead acid				
	28	Traction motor		60 Minute rating	hp (kW)	5.36 (4)	5.36 (4)	5.36 (4)	
	29	Traction motor		Type / control method		AC / mosfet			
	30	Number of speeds		Infinitely variable					
	31	Lift motor	S3 at 15%		hp (kW)	4.02 (3)	4.02 (3)	4.02 (3)	
	32	Lift motor		Type / control method		DC			
	33	Number of speeds		Single					

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.


Battery & compartment specifications MC10, MC12 and MC15

Battery	Model type	Battery Compartment Dimensions			Battery Dimensions			Number of Cells	Cell Size	Plates per Cell	Capacity 6 Hour Rate
		Width	Length	Height	Width	Length	Height				
		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)				amp hr (kwh)
Industrial	MC10	29.7 (755)	10.2 (260)	29.7 (755)	Contact Engineering						
	MC10	29.7 (755)	10.2 (260)	29.7 (755)							
	MC12	29.7 (755)	10.2 (260)	29.7 (755)							
	MC15	29.7 (755)	10.2 (260)	29.7 (755)							



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