

MO70T

Tow Tractor

15,000 lbs.

DRIVEN
BY **BALYO**

- Standard trailer handling configurations
- Sequencing in assembly operations
- Kitting separate items to be supplied as one unit
- Stock replenishment and material hauling



DRIVEN

BY BALLYO



General specifications MO70T

GENERAL	1	Manufacturer			Yale / Balyo		
	2	Model designation			MO70T		
	3	Power			Battery		
	4	Voltage			24		
	5	Operation			Stand		
	6	Rated capacity			lb (kg)	15000	
DIMENSIONS	7	Tow pin height	Vertical center of pin	in (mm)	14.3 (365)		
	8	Overall width		in (mm)	35.9 (913)		
	9	Wheelbase		in (mm)	42.7 (1084)		
	10	Overall length		in (mm)	67.2 (1706)		
	11	Outside turning radius		in (mm)	62 (1575)		
	12	Ground clearance	Center of wheelbase	in (mm)	2 (50)		
	13	Tread width		in (mm)	14.8 (376)		
	14	Step height		in (mm)	6 (152)		
	15	Battery compartment	Height	Std. / battery	in (mm)	31.2 x 14.1 x 32 (792 x 357 x 814)	
	16	Floor to top of battery rollers		Side extraction	in (mm)	5.6 (141)	
PERFORMANCE	17	Travel speed		mph (m/s)	4.5 (2)		
	18	Gradeability	5 Minute reading	%	20 / 6		
		Maximum gradeability	5 Minute reading	%	20 / 10		
	19	Drawbar pull	5 Minute reading	lbf (N)	299 (1330)		
		Drawbar pull	60 Minute reading	lbf (N)	1011 (4500)		
20	Brake	Service / parking		Electromagnetic			
WT.	21	Truck Weight	w/o Battery	NL	lb (kg)	2455 (1114)	
	22	Axle Loading		Drive / load wheel	lb (kg)	1765 / 941 (801 / 427)	
WHEELS & TIRES	23	Tire type		Drive / steer	Topthane / polyurethane		
	24	Tire size	Std.	Drive / steer	in	10 x 3.5 / 10 x 3.5	
	25	Wheels - Number	X = Driven	Drive / steer	1X / 2		
ELECTRIC	26	Battery	Type				Lead Acid
	27	Traction motor	60 Minute rating			hp (kW)	4.0 (3.0)
	28	Traction motor		Type / control method	AC / mosfet		
	29	Number of speeds			Infinitely variable		

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

Battery & compartment specifications MO70T


Battery Type	Battery Compartment Dimensions			Battery Dimensions			Number of Cells	Cell Size	Plates per Cell	Capacity 6 Hour Rate
	Width	Length	Height	"X"	"Y"	"Z"				
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)				amp hr (kwh)
Industrial	31.2 (792.0)	14.1 (357.0)	32.0 (814.0)	26.1 (663)	12.8 (325)	23.3 (592)	12	85	11	425 (9.9)
				30.9 (785)	13.0 (330)	23.3 (592)	12	85	13	510 (11.9)
				30.9 (785)	13.0 (330)	26.2 (665)	12	1000	13	600 (14.0)

Battery connector: 175 Amp, Red
 Battery Lead: Length 20" (508mm), Position "B", 1/0 AWG
 Battery Weight: Min. (372 kg) 820 lbs. and Max. (537 kg) 1184 lbs.



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