

# MPE series

6,000lb

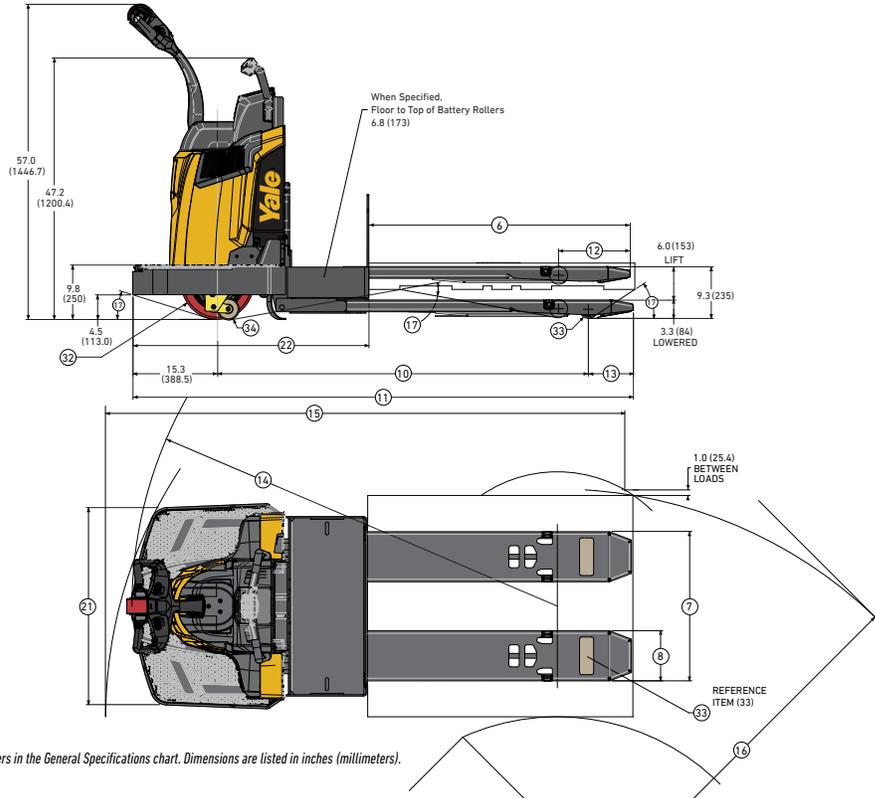
## End Rider Pallet Truck



### SPEC SHEET

Models: MPE060G

## TRUCK DIMENSIONS MPE060G



## FEATURES LIST

STANDARD FEATURES		
48" long forks – standard tip	Knock-out load wheel axles	Smart coast control with pick assist
27" fork spread	Boxed fork construction with reinforced fork tips	Manual coast control with pick assist
37.2" operator platform	Flush pallet stop	Stability casters
White rubber platform markers	Heavy duty, long life lift linkage with lubrication fittings	– Heavy duty – greaseable wheel
Standard construction operating temperatures: +32°F to 120°F	– "X" groove style greaseable pivot bushings	– Heavy duty – sealed wheel
Drive tire – 85 durometer, 10" x 4.0" smooth red polyurethane	– 1" hardened, bolt retained flag pins	LED platform lights
Load wheels – single, 3.25" x 6.5" polyurethane	On-board software	Fork lengths
Casters – spring loaded, 4" x 2.5" polyurethane wheel	– Program, test and diagnose	– 36" – standard tip
Multifunction full-color touch display	– No handset required	– 42" – standard tip
– Battery state of charge	– Password protected	– 54" – standard tip
– Hour meter	Operating manual	– 60" – standard tip
– Low battery lift interrupt	12 months / unlimited hour manufacturer's warranty	Drive tire
– Performance mode indicator	36 months / 6,000 hour powertrain warranty	– 85 durometer, 10" x 4.0" grooved red polyurethane
– Fault indicator	Lifetime main frame warranty	– 93 durometer, 10" x 4.0" smooth polyurethane
Manual steering	<b>OPTIONAL FEATURES</b>	– 93 durometer, 10" x 4.0" super smooth polyurethane
Key ignition switch	UL Classification "EE"	Load wheels
24 volt AC transistor control electrical system	Power assist steering	– Single and dual
Ergonomic rear hand rail	Battery rollers	– 2 bearing and 4 bearing
AC traction motor	Ergonomically designed, impact resistant, combination butterfly rotary control handle	– Standard bearing and sealed bearing
4 operator selectable, programmable performance modes	Ergonomic rear hand rail with Smart Shift Functions:	Load backrest
Integrated "soft start" transistor lift pump control	– Smart Lift	– 48" high (pivoting or bolt-on)
ADS (Auto Deceleration System) with regenerative braking	– Smart Lower	– 60" high (pivoting or bolt-on)
High performance and extended shift feature	– Dual Acceleration	– 72" high (bolt-on)
32.0" x 13.4" open battery compartment	– Smart Cruise	Application/Environmental Construction
Electro-mechanical park brake	– Yale Smart Slow Down™	– Cooler/Freezer Package - Operating temps: 0°F to +120°F
UL Classification "E"	Convenience tray (load backrest mounted or battery mounted)	– SUBZERO Freezer Package - Operating temps: -40°F to +120°F
Electronic horn	RF terminal power supply – 24-volt	– Wash Down Package - Operating temps: 0°F to +120°F
Composite handle with butterfly travel control	Audible alarm	– Extreme Corrosion Wash Down Package - Operating temps: 0°F to +120°F
Pallet exit rollers and runners / entry blades or skids	Visible alarm – pole mounted amber strobe	

## GENERAL SPECIFICATIONS MPE060G

GENERAL	1	Manufacturer			Yale				
	2	Model designation			MPE060G				
	3	Power type			24 Volt				
	4	Operator type			Stand ride				
	5	Rated capacity		lb. (kg)	6000 (2722)				
DIMENSIONS	6	Fork length	Nominal	in (mm)	36(914)	42(1067)	48(1219)	54(1372)	60(1524)
			Actual	in (mm)	35.7(908)	41.8(1213)	47.8(1213)	53.7(1365)	59.8(1518)
	7	Fork overall width		in (mm)	27.1 (688)				
	8	Fork width		in (mm)	9.1(232)				
	9	Load distance (face of battery box to center of load wheels)	Raised	in (mm)	23.3(591)	29.3(744)	35.3(896)	41.3(1048)	47.3(1201)
			Lowered	in (mm)	27.6(702)	33.6(854)	39.6(1007)	45.6(1159)	51.7(1312)
	10	Wheelbase	Raised	in (mm)	53.3(1353)	59.3(1505)	65.3(1658)	71.3(1810)	77.2(1962)
			Lowered	in (mm)	57.1(1450)	63.1(1602)	69.1(1755)	75.1(1907)	81.1(2060)
	11	Overall length	Raised	in (mm)	79.1(2008)	85.0(2160)	91.1(2313)	97.0(2465)	103.1(2618)
			Lowered	in (mm)	78.5(1995)	84.5(2147)	90.6(2300)	96.5(2452)	102.5(2604)
	12	Center of load wheel to fork tips	Raised	in (mm)	12.5(317)				
	13		Lowered	in (mm)	8.1(206)				
	14	outside turning radius	Raised	in (mm)	68.8(1747)	74.8(1899)	78.7(1999)	84.7(2152)	90.7(2304)
			Lowered	in (mm)	72.6(1844)	78.6(1996)	82.5(2096)	88.5(2249)	94.5(2401)
	15	Right angle stack	Raised	in (mm)	81.6(2073)	N/A	94.1(2391)	N/A	N/A
	16	Equal intersecting aisle	Raised	in (mm)	63.0(1599)	N/A	69.2(1758)	N/A	N/A
	17	Grade clearance	Chassis	%	28				
			Center of wheelbase	%	38	34	31	30	27
			Forks	%	37				
	18	Overall lift height	Top of forks	in (mm)	9.3(235)				
	19	Lowered height	Top of forks	in (mm)	3.3(84)				
	20	Total lift		in (mm)	5.9(151)				
	21	Truck overall width		in (mm)	37.2(944)				
22	Chassis length	Raised	in (mm)	43.3(1100)					
		Lowered	in (mm)	42.8(1087)					
23	Battery compartment (standard /w battery rollers)		in (mm)	32.0 x 13.4 x open (813 x 340 x open)					
PERFORMANCE	24	Max travel speed - chassis first	No load/ rated load	mph (kph)	9.0/6.0(14.5/9.7)				
	25	Max travel speed - forks first	No load/ rated load	mph (kph)	6.0/6.0(9.7/9.7)				
	26	Number of speeds			Infinitely variable				
	27	Traction motor control method	Type		AC Transistor				
28	Service brake	Type		Electro-mechanical					
WEIGHT	29	Truck weight (approx w/o battery)	No load	lb. (kg)	382(627)	1433(650)	1481(672)	1523(691)	1567(711)
			Rated load		7382(3349)	7433(3372)	7481(3394)	7523(3413)	7567(3433)
	30	Axle loading - drive	(static, max bat., no load)	lb. (kg)	1735(787)	1828(829)	1907(865)	2002(908)	2094(950)
31	Axle loading - load	(static, max bat., no load)	lb. (kg)	802(364)	754(342)	719(326)	670(304)	622(282)	
WHEELS	32	Drive tire - size/type	(# of wheels)	in.	10.0 x 4.0 x 7.5 / polyurethane (1)				
	33	Load wheel - size/type	(# of wheels) (# of bearings)	in.	3.25" x 6.5" / polyurethane (2) (4)				
	34	Caster wheel - size/type	(# of wheels) (caster type)	in.	4.0' x 2.5" / polyurethane (2) urethane block loaded				
BATTERY	35	Type			Lead-acid				
	36	Ampere hours - max		ah	930				
	37	Ampere hours - min		ah	375				
	38	Weight - max		lb. (kg)	1500 (680)				
	39	Weight - min		lb. (kg)	540 (245)				

# About Yale®



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CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters' Laboratories, Inc.