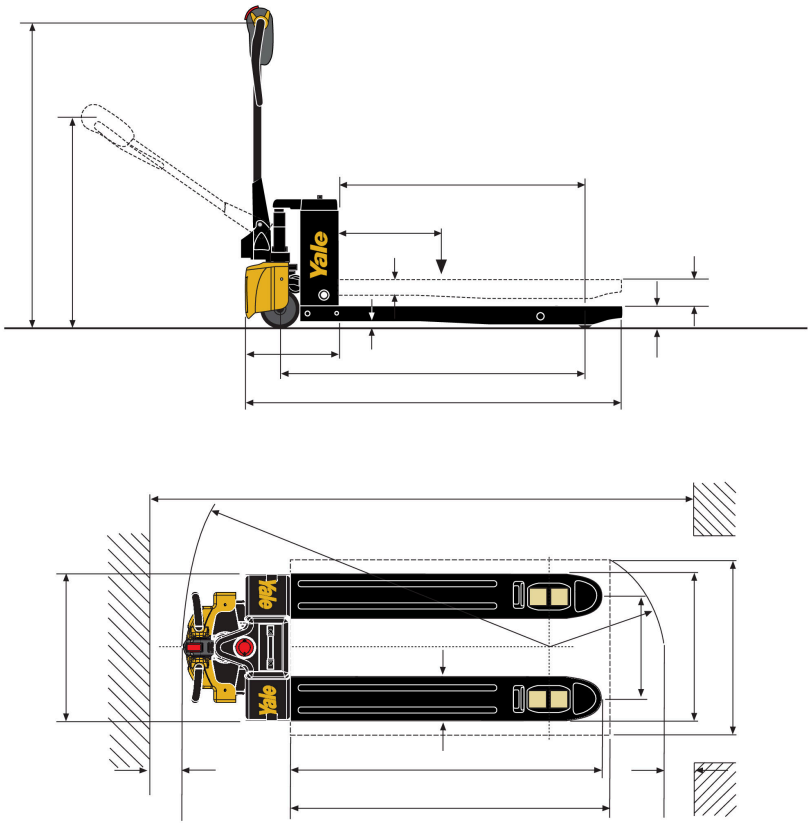
MPC15-20 SERIES

PEDESTRIAN PALLET TRUCK

TECHNICAL SPECIFICATIONS

TRUCK DIAGRAM



TECHNICAL DATA

Specifications Table

GENERAL	1.2	MODEL DESIGNATION			MPC15	MPC20
	1.1	Manufacturer			YALE	YALE
	1.3	Drive type			Full-Electric	Full-Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q	t	1.5	2.0
	1.6	Load centre distance	c	mm	600	600
	1.9	Wheelbase	y	mm	1197/1267	1197/1267
Weight	2.1	Service weight including battery		kg	116.5/123	119/125.5
Wheels	3.1	Tyres, front/rear			PU (Polyurethane)	PU (Polyurethane)
	3.2	Tyre size, front		mm	Ø140*55	Ø140*55
	3.3	Tyre size, rear		mm	Single wheel: Ø80*93	Single wheel: Ø80*93
				mm	Double wheel: Ø80*70	Double wheel: Ø80*70
	3.5	Number of wheels, front/rear (X = driven)			1x+2/4	1x+2/4
	3.7	Tread, rear	b11	mm	385/520	385/520
Dimensions	4.4	Lift	h3	mm	115	115
	4.9	Height drawbar in driving position min./max.	h14	mm	820/1150	820/1150
	4.15	Height, fork lowered	h13	mm	82±2	82±2
	4.19	Overall length	l1	mm	1552/1622	1552/1622
	4.20	Length to face of forks	l2	mm	1150/1220	1150/1220
	4.21	Overall width (single / wide / dual)	b1	mm	550/685	550/685
	4.22	Fork dimensions (Height*width*length)	s/e/l	mm	58/160/1150 or 1220	58/160/1150 or 1220
	4.25	Distance between fork-arms	b5	mm	550/685	550/685
	4.32	Ground clearance, centre of wheelbase	m2	mm	22/137 or 24/13	22/137 or 24/13
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2376	2376
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2257	2257
	4.35	Turning radius	Wa	mm	1353/1426	1353/1426
Performance	5.1	Travel speed, laden/unladen		km/h	4.0/4.5	4.0/4.5
	5.1.1	Travel speed, laden/unladen, backwards		km/h	4.0/5.0	4.0/5.0
	5.2	Lift speed, laden/unladen		mm/s	23/38.7	22.5/32.8
	5.3	Lowering speed, laden/unladen		mm/s	39/28	40.9/27.3
	5.7	Gradeability, laden/unladen		%	6%/20%	6%/20%
	5.8	Max. gradeability - 1.6 km/h, with / without load		%	6%/20%	6%/20%
	5.10	Traveling brake			Regenerate	Regenerate
		Brake			Electromagnetic	Electromagnetic
	6.1	Drive motor, S2 60 min rating		kW	DC Brushless 0.75Kw	DC Brushless1.0Kw
	6.2	Lift motor S3 15% rating		kW	DC 0.8KW	DC 0.8KW
	6.3	Battery according to DIN 43531/35/36 A,B,C, no			No	No
	6.4	Battery voltage / nominal capacity K5		V/Ah	48V/10Ah/48V/15Ah	48V/10Ah/48V/15Ah
	6.5	Battery weight		kg	4.5/5.9	4.5/5.9
	6.6	Energy consumption acc. to VDI cycle		kWh/h	0.42	0.42
Additional Data	8.1	Type of drive unit			Electric	Electric
	10.7	Sound level at the driver's ear according to EN 12053		dB	< 70dB	< 70dB

OPTIONS TABLE

Available Options

DESCRIPTION	STANDARD	OPTIONAL
CONSTRUCTION	**STANDARD**	**OPTIONAL**
Metal Key Switch Start		X
Keyless Start	X	
Remote Control		X
Pin Code on tiller		X
Galvanization		X
LIFT OPTIONS - FRONT END EQUIPMENT	**STANDARD**	**OPTIONAL**
1150mm x 550mm / 21.7" x 45.3" Welded Type - Standard Tip Forks	X	
800mm x 550mm / 21.7" x 32" Welded Type - Standard Tip Forks		X
1150mm x 685mm / 27" x 45.3" Welded Type - Standard Tip Forks		X
1220mm x 685mm / 27" x 48" Welded Type - Standard Tip Forks		X
1000mm x 685mm / 27" x 39" Welded Type - Standard Tip Forks		X
1000mm x 550mm / 39" x 21.7" Welded Type - Standard Tip Forks		X
Load Back Rest		X
Retractable Cargo Belt		X
CHASSIS - DRIVE & STEER TIRES	**STANDARD**	**OPTIONAL**
80 x 70mm / 3.14" x 2.7" Tandem Polyurethane Load Wheels		X
80 x 93mm / 3.14" x 3.66" Single Polyurethane Load Wheel	X	
Cast Wheels		X

COMPANY INFORMATION

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