

MP16UX

1,600kg

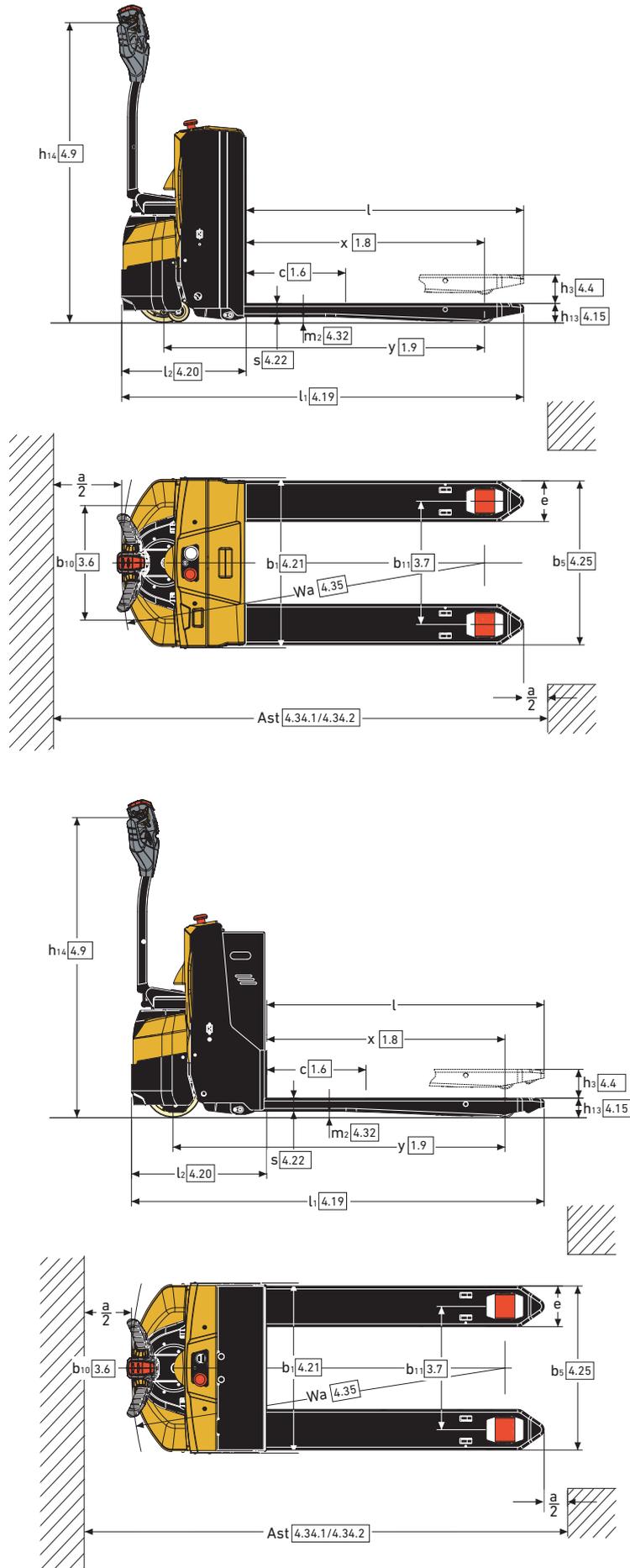
Powered Pallet Truck



SPECIFICATION SHEET

Models: MP16UX

Truck Dimensions



VDI 2198 – General Specifications

Distinguishing mark	1.1	Manufacturer (abbreviation)		Yale
	1.2	Manufacturer's type designation		MP16UX
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Battery
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
	1.5	Rated capacity / Rated load	Q (t)	1.6
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	984
	1.9	Wheelbase	y (mm)	1330
	Weights	2.1	Service weight	kg
2.2		Axle loading, laden front/rear	kg	788 / 1236
2.3		Axle loading, unladen front/rear	kg	326 / 98
Tyres/chassis	3.1	Tyres: polyurethane, tophane, NDIIThane, front/rear		Polyurethane
	3.2	Tyre size, front	ø (mm x mm)	230 x 100
	3.3	Tyre size, rear	ø (mm x mm)	78 x 98
	3.4	Additional wheels (dimensions)	ø (mm x mm)	90 x 40
	3.5	Wheels, number front/rear (x = driven wheels)		1x + 2 / 2
	3.6	Tread, front	b10 (mm)	480
	3.7	Tread, rear	b11 (mm)	375 / 515
Dimensions	4.4	Lift	h3 (mm)	120
	4.9	Height of tiller arm in driving position min./max.	h14 (mm)	750 / 1250
	4.15	Height, lowered	h13 (mm)	78
	4.19	Overall length	l1 (mm)	1666
	4.20	Length to face of forks	l2 (mm)	514
	4.21	Overall width	b1 / b2 (mm)	710
	4.22	Fork dimensions	s / e / l (mm)	55 / 160 / 1150
	4.25	Outside Fork Width	b5 (mm)	545
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	27
	4.33	Load dimension b12 x l6 crossways	b12 x l6 (mm)	-
	4.34.1	Aisle width for pallets 1000mm x 1200mm crossways	Ast (mm)	2288
	4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise	Ast (mm)	2143
	4.35	Turning radius	Wa (mm)	1488
Performance data	5.1	Travel speed, laden/unladen	km/h	5.8 / 6.0
	5.2	Lift speed, laden/unladen	m/s	0.03 / 0.038
	5.3	Lowering speed, laden/unladen	m/s	0.04 / 0.036
	5.7	Gradeability, laden/unladen	%	8 / 20
	5.8	Max. gradeability, laden/unladen	%	-
	5.10	Service brake		Generative
Electric engine	6.1	Drive motor S2 60 minute rating	kW	1.20
	6.2	Lift motor, S3 15% rating	kW	0.8
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		No
	6.4	Battery voltage/nominal capacity K5	V / Ah	24 / 150
	6.5	Battery weight	kg	150
	6.6	Energy consumption according to VDI cycle	kWh/h at no. of cycles	0.25
	6.7	Turnover output	t/h	-
	6.8	Energy consumption at turnover output	kWh in 1h (kWh/h)	-
8.1	Type of drive unit		AC	
10.7	Sound pressure level at the driver's seat	dB (A)	65	

All values are nominal values and they are subject to tolerances.

For further information, please contact the manufacturer.

Yale products might be subject to change without notice.

Lift trucks illustrated may feature optional equipment.

Values may vary with alternative configurations.

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The Yale MP16UX Powered Pallet Truck combines ergonomic features with reliable performance and energy efficient technology. Low maintenance schedules helps increase productivity and reduce operational costs.

Productivity

- Advanced AC control system eliminates the motor brushes, which limits maintenance requirements
- Side battery roll out system minimises time and effort to replace battery
- Integral pressure relief valve protects from overloading
- Emergency power disconnect switch
- Long tiller arm
- Emergency reversing system in handle
- Low speed switch in the handle
- Variable speed control
- Low energy consumption maximises battery shift life

Optimum Structural Design

- Casters improve lateral stability on uneven floors and enhance truck performance and service life
- Formed heavy gauge steel provides maximum fork strength and longevity
- Pull-rod design protects against bending
- Durable plastic covers.

Serviceability

- CAN bus technology reduces wiring complexity
- Low battery protection setting extends the battery life
- All pivot points have grease fittings and serviceable bushing, reducing component wear.



Handle (standard)
Left and right handed



Entry roller for easy operation
Left and right handed

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Safety: This truck conforms to the current EU requirements.
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