

# ERP 4.0-5.0MXLG

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Electric forklift trucks

4,000-5,000 kg



# Reliability and durability

- Proven and tested structural design is ideal for indoor and outdoor working conditions
- Intensive environmental testing enables reliability and durability
- Water cooled motors and controllers to maintain optimal operating temperatures
- Lithium battery
  - Side charging minimises need to open battery compartment
  - Automatic heating function manages temperature recovery during discharge and before charging



# Ergonomics and comfort

- Ergonomic design and optimised operator compartment improves driving experience
- Multiple seat options to suit most operator sizes
- Informative colour display including performance mode settings
- Wide view mast provides good forward visibility
- Large tyre size and high ground clearance provides optimal performance on uneven ground conditions



# High efficiency and performance

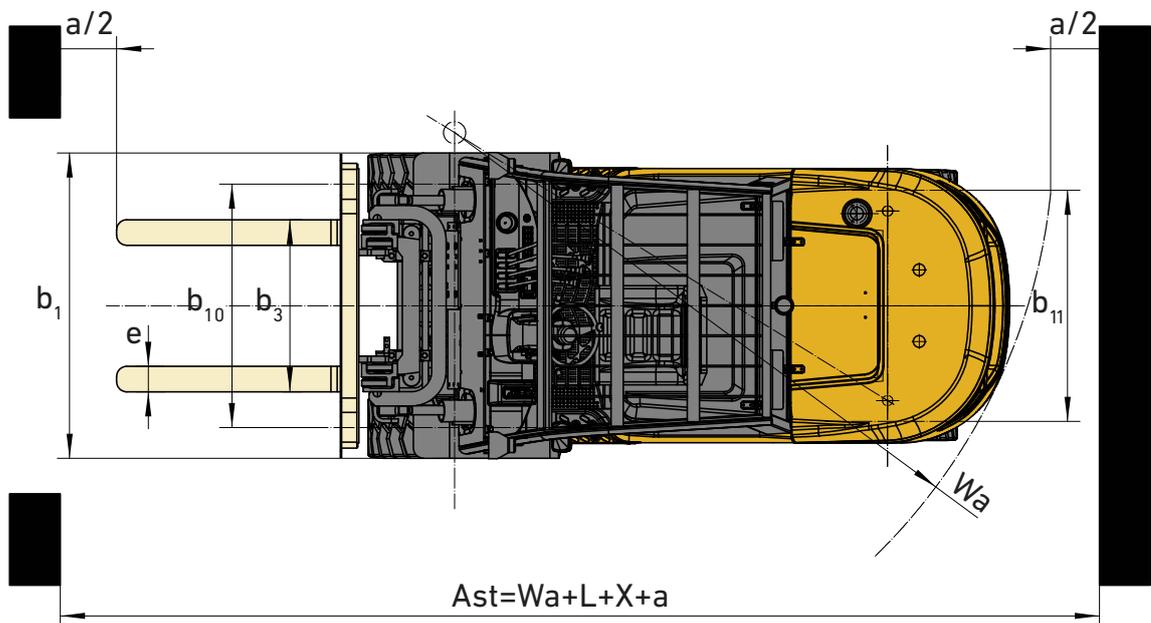
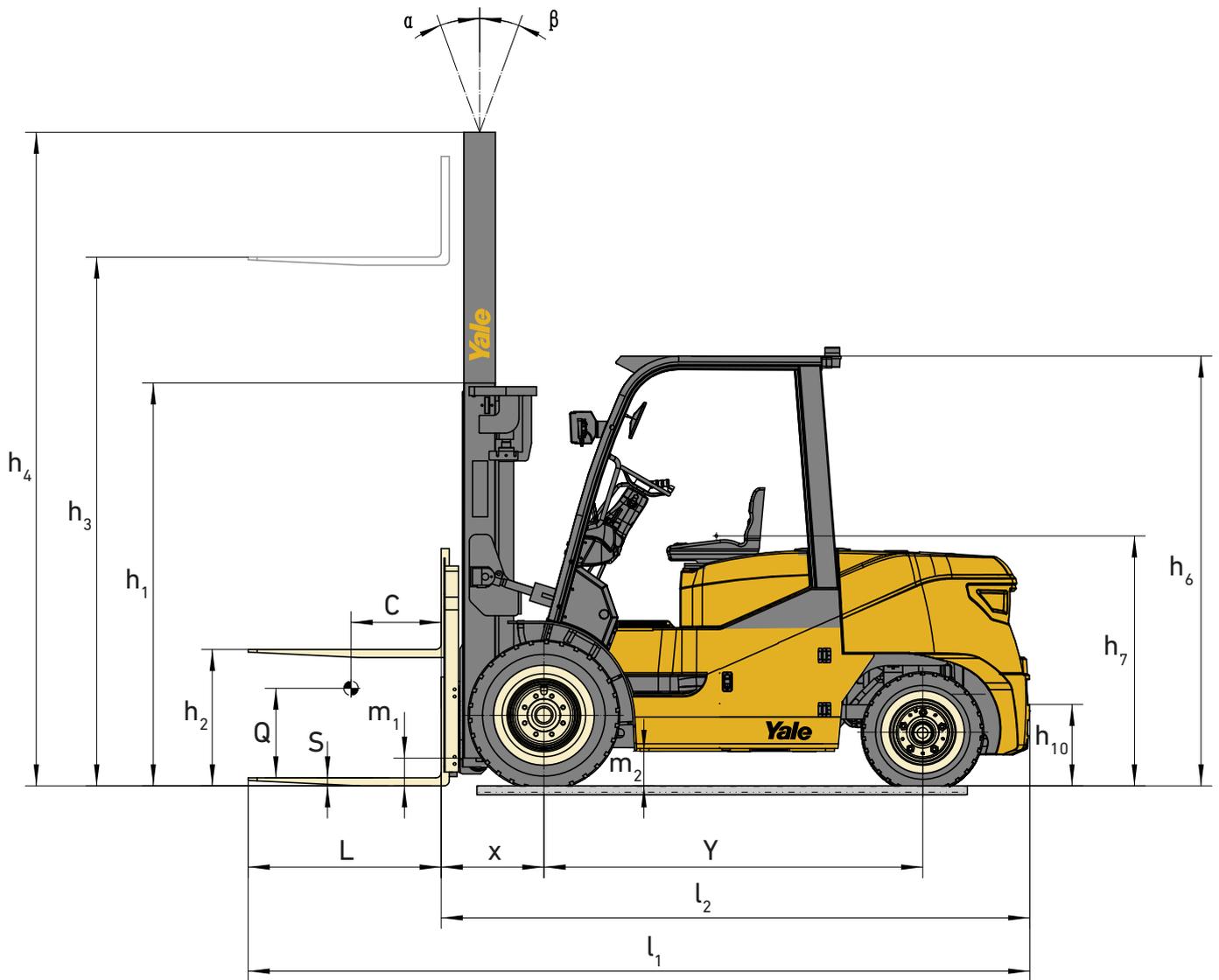
- High efficiency permanent magnet motor and controller system
  - Provides up to 95% working efficiency
  - Reduces energy consumption by 20%
- IPX4 waterproof rating
  - Enables continuous operation in wet conditions
- BMS and controller with leakage detection system
- Permanent magnet synchronous motor delivers high efficiency



## Other features

- Standard curve deceleration
- Standard energy saving bright LED lights
- Standard USB charge ports
- Standard operator presence system
- Optional dual wheels
- Optional automatic park brake
- Optional telemetry





## ERP4.0-4.5MXLG SPECIFICATIONS

DISTINGUISHING MARK	1.1	Manufacturer	Yale		
	1.2	Model designation	ERP4.0MXLG	ERP4.5MXLG	
	1.3	Drive: electric(battery or mains), diesel, petrol, fuel gas	Electric	Electric	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated	
	1.5	Rated capacity/rated load	Q (kg)	4000	4500
	1.6	Load centre distance	c (mm)	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	575	575
	1.9	Wheelbase (with mast vertical)	y (mm)	2100	2100
	WEIGHT	2.1	Service weight	kg	6545
2.2		Axle loading, laden front/rear	kg	9279/1266	9926/1354
2.3		Axle loading, unladen front/rear	kg	2945/3600	3114/3666
TYRES/CHASSIS	3.1	Tyres: Solid rubber, superelastic, pneumatic, polyurethane	Pneumatic		
	3.2	Tyre size, front	300-15-18PR		
	3.3	Tyre size, rear	7.00-12-12PR		
	3.5	Wheels, number front/rear	2x2		
	3.6	Tread, front	b <sub>10</sub> (mm)	1190	
	3.7	Tread, rear	b <sub>11</sub> (mm)	1130	
	DIMENSIONS	4.1	Tilt of mast/fork carriage, forward/backward	$\alpha / \beta$ (°)	6/12
4.2		Height, mast lowered	h <sub>1</sub> (mm)	2250	
4.3		Free lift	h <sub>2</sub> (mm)	150	
4.4		Lift	h <sub>3</sub> (mm)	3000	
4.5		Height, mast extended <sup>1</sup>	h <sub>4</sub> (mm)	4260	
4.7		Height of overhead guard (low overhead guard) <sup>2</sup>	h <sub>6</sub> (mm)	2400 (2250)	
4.8		Seat height/stand height <sup>3</sup>	h <sub>7</sub> (mm)	1350	
4.12		Towing coupling height	h <sub>10</sub> (mm)	340	
4.19		Overall length	l <sub>1</sub> (mm)	4280	
4.20		Length to face of forks	l <sub>2</sub> (mm)	3210	
4.21		Overall width	b <sub>1</sub> (mm)	1490/1924	
4.22		Fork dimensions ISO2331	s/e/l (mm)	50/150/1070	
4.23		Fork carriage ISO 2328. Class/type, A/B		ISO 3A	
4.24		Fork carriage width <sup>4</sup>	b <sub>3</sub> (mm)	1380	
4.31		Ground clearance, laden, below mast	m <sub>1</sub> (mm)	130	
4.32		Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	186	
4.33		Load dimension b12 x l6 crossways	b <sub>12</sub> x l <sub>6</sub> (mm)	1000x1000	
4.34.1		Aisle width with pallets 1000mm x 1200mm crossways	Ast (mm)	4625	
4.34.2		Aisle width with pallets 800mm x 1200mm lengthways	Ast (mm)	4825	
4.35		Turning radius	Wa (mm)	2850	
4.36		Inner turning radius	b <sub>13</sub> (mm)	845	
PERFORMANCE DATA		5.1	Travel speed, laden/unladen	km/h	18/18
		5.1.1	Travel speed, laden/unladen, backwards	km/h	14/14
	5.2	Lifting speed, laden/unladen	mm/s	400/480	
	5.3	Lowering speed laden/unladen	mm/s	480/500	
	5.5	Drawbar pull laden/unladen	N	33000/25000	
	5.8	Maximum gradeability, laden/unladen	%	20/25	
	5.9	Acceleration time, laden/unladen 15m	sec	6.1/5.14	
	5.10	Service brake		Hydraulic	
	ELECTRIC ENGINE	6.1	Drive motor rating S2 60 min	Kw	30KW/2400rpm
		6.2	Lift motor rating at S3 15 %	Kw	25KW
6.3		Battery according to DIN 43531/35/36 A, B, C, no		No	
6.4		Battery voltage/nominal capacity K5	(V)/(Ah)	154.5V302Ah	
6.5		Battery weight	kg	427	
6.6		Energy consumption according to VDI cycle	kWh/h	12.19	12.63
6.7		Turnover output	t/h	148	153
6.8		Energy consumption at turnover output	kWh in 1 h	7.7	7.98
ADDITIONAL DATA	8.1	Type of drive unit		PM AC	
	10.1	Operating pressure for attachments	bar	195	
	10.2	Oil volume for attachments <sup>5</sup>	l/min	70	
	10.7	Sound pressure level at the driver's seat	dB (A)	69.4	
	10.7.1	Sound power level during the workcycle <sup>6</sup>	dB (A)	86.2	
10.8	Towing coupling, type DIN		PIN		

1. Without load backrest.

2. h<sub>1</sub> subject to +/- 5mm tolerance.

3. Full suspension seat in depressed position.

4. Add 32mm with load backrest.

5. Variable.

6. LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

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. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this technical guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

## ERP5.0MXLG–ERP5.0MXLG(S6) SPECIFICATIONS

DISTINGUISHING MARK	1.1		Yale		
	1.2		ERP5.0MXLG	ERP5.0MXLG(S6)	
DISTINGUISHING MARK	1.3		Electric	Electric	
	1.4		Seated	Seated	
	1.5	Rated capacity/rated load	Q (kg)	5000	
	1.6	Load centre distance	c (mm)	500	
	1.8	Load distance, centre of drive axle to fork	x (mm)	580	
	1.9	Wheelbase (with mast vertical)	y (mm)	2100	
	WEIGHT	2.1	Service weight	kg	7165
		2.2	Axle loading, laden front/rear	kg	10733/1432
		2.3	Axle loading, unladen front/rear	kg	3148/4017
TYRES/CHASSIS	3.1		Pneumatic		
	3.2		300-15-18PR		
	3.3		7.00-12-12PR		
	3.5		2x2		
	3.6	Tread, front	b <sub>10</sub> (mm)	1190	
	3.7	Tread, rear	b <sub>11</sub> (mm)	1130	
	DIMENSIONS	4.1	Tilt of mast/fork carriage, forward/backward	$\alpha / \beta$ (°)	6/12
4.2		Height, mast lowered	h <sub>1</sub> (mm)	2250	
4.3		Free lift	h <sub>2</sub> (mm)	155	
4.4		Lift	h <sub>3</sub> (mm)	3000	
4.5		Height, mast extended <sup>1</sup>	h <sub>4</sub> (mm)	4260	
4.7		Height of overhead guard (low overhead guard) <sup>2</sup>	h <sub>6</sub> (mm)	2400 (2250)	
4.8		Seat height/stand height <sup>3</sup>	h <sub>7</sub> (mm)	1350	
4.12		Towing coupling height	h <sub>10</sub> (mm)	340	
4.19		Overall length	l <sub>1</sub> (mm)	4345	
4.20		Length to face of forks	l <sub>2</sub> (mm)	3275	
4.21		Overall width	b <sub>1</sub> (mm)	1490/1924	
4.22		Fork dimensions ISO2331	s/e/l (mm)	50/150/1070	
4.23		Fork carriage ISO 2328. Class/type, A/B		ISO 3A	
4.24		Fork carriage width <sup>4</sup>	b <sub>3</sub> (mm)	1380	
4.31		Ground clearance, laden, below mast	m <sub>1</sub> (mm)	130	
4.32		Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	186	
4.33		Load dimension b <sub>12</sub> x l <sub>6</sub> crossways	b <sub>12</sub> x l <sub>6</sub> (mm)	1000x1000	
4.34.1		Aisle width with pallets 1000mm x 1200mm crossways	Ast (mm)	4685	
4.34.2		Aisle width with pallets 800mm x 1200mm lengthways	Ast (mm)	4885	
4.35		Turning radius	Wa (mm)	2905	
PERFORMANCE DATA		4.36	Inner turning radius	b <sub>13</sub> (mm)	845
	5.1	Travel speed, laden/unladen	km/h	18/18	
	5.1.1	Travel speed, laden/unladen, backwards	km/h	14/14	
	5.2	Lifting speed, laden/unladen	mm/s	400/480	
	5.3	Lowering speed laden/unladen	mm/s	480/500	
	5.5	Drawbar pull laden/unladen	N	33000/25000	
	5.8	Maximum gradeability, laden/unladen	%	20/25	
	5.9	Acceleration time, laden/unladen 15m	sec	6.1/5.14	
	5.10	Service brake		Hydraulic	
	ELECTRIC ENGINE	6.1	Drive motor rating S2 60 min	Kw	30KW/2400rpm
6.2		Lift motor rating at S3 15 %	Kw	25KW	
6.3		Battery according to DIN 43531/35/36 A, B, C, no		No	
6.4		Battery voltage/nominal capacity K5	(V)/(Ah)	154.5V302Ah	
6.5		Battery weight	kg	427	
6.6		Energy consumption according to VDI cycle	kWh/h	13.35	
6.7		Turnover output	t/h	161.7	
6.8		Energy consumption at turnover output	kWh in 1 h	8.44	
ADDITIONAL DATA	8.1	Type of drive unit		PM AC	
	10.1	Operating pressure for attachments	bar	195	
	10.2	Oil volume for attachments <sup>5</sup>	l/min	70	
	10.7	Sound pressure level at the driver's seat	dB (A)	69.4	
	10.7.1	Sound power level during the workcycle <sup>6</sup>	dB (A)	86.2	
	10.8	Towing coupling, type DIN		PIN	

1. Without load backrest.

2. h<sub>1</sub> subject to +/- 5mm tolerance.

3. Full suspension seat in depressed position.

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6. LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053. Specification data is based on VDI 2198, with the following configuration: Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1070mm forks, overhead guard and standard pneumatic drive and steer tyres.

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. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this technical guide. Performance specifications are affected by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

### ERP4.0MXLG MAST DIMENSIONS

	Maximum fork height (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with LBR (mm)	Free lift height without LBR (mm)	Back tilt (°)	4.0 capacities (kg) @ 500mm LC			
							Front single pneumatic tyres		Dual pneumatic tyres	
							Without sideshift (kg)	With sideshift (kg)	Without sideshift (kg)	With sideshift (kg)
							ERP4.0MXLG	ERP4.0MXLG	ERP4.0MXLG	ERP4.0MXLG
2-STAGE LIMITED FREE-LIFT	3000	2250	3855	4260	150	12	4000	4000	4000	4000
	3300	2400	4155	4560	150	12	4000	4000	4000	4000
	3500	2500	4355	4760	150	12	4000	4000	4000	4000
	3700	2600	4605	5010	150	6	4000	4000	4000	4000
	4000	2800	4855	5260	150	6	3790	3770	3950	3950
	4500	3050	5355	5760	150	6	3600	3570	3850	3830
	5000	3300	5855	6260	150	6	3070	3050	3740	3710
	5500	3600	6355	6760	150	6	2600	2580	3620	3560
2-STAGE FULL FREE-LIFT	3000	2250	3855	4250	1425	12	4000	3860	4000	3860
	3300	2400	4155	4550	1575	12	4000	3860	4000	3860
	3500	2500	4355	4750	1675	12	4000	3840	4000	3840
3 STAGE FULL FREE-LIFT	4000	2110	4880	5265	1275	6	3710	3560	3710	3560
	4350	2235	5230	5615	1395	6	3410	3400	3630	3490
	4500	2285	5385	5770	1450	6	3280	3250	3600	3450
	4800	2385	5685	6070	1545	6	3020	3000	3520	3380
	5000	2485	5880	6265	1645	6	2890	2880	3470	3330
	5400	2610	6275	6660	1770	6	2550	2530	3370	3230
	6000	2850	6875	7260	2010	6	2160	2140	3180	3050
6500	3050	7375	7760	2210	6	1870	1840	3010	2890	

### ERP4.5MXLG MAST DIMENSIONS

	Maximum fork height (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with LBR (mm)	Free lift height without LBR (mm)	Back tilt (°)	4.5 capacities (kg) @ 500mm LC			
							Front single pneumatic tyres		Dual pneumatic tyres	
							Without sideshift (kg)	With sideshift (kg)	Without sideshift (kg)	With sideshift (kg)
							ERP4.5MXLG	ERP4.5MXLG	ERP4.5MXLG	ERP4.5MXLG
2-STAGE LIMITED FREE-LIFT	3000	2250	3855	4260	150	12	4500	4430	4500	4430
	3300	2400	4155	4560	150	12	4500	4420	4500	4420
	3500	2500	4355	4760	150	12	4500	4410	4500	4410
	3700	2600	4605	5010	150	6	4500	4410	4500	4410
	4000	2800	4855	5260	150	6	4360	4330	4450	4350
	4500	3050	5355	5760	150	6	4140	4110	4340	4220
	5000	3300	5855	6260	150	6	3570	3550	4220	4090
	5500	3600	6355	6760	150	6	3080	3070	4090	3940
2-STAGE FULL FREE-LIFT	3000	2250	3855	4250	1425	12	4500	4340	4500	4340
	3300	2400	4155	4550	1575	12	4500	4340	4500	4340
	3500	2500	4355	4750	1675	12	4500	4320	4500	4320
3-STAGE FULL FREE-LIFT	4000	2110	4880	5265	1275	6	4120	3990	4160	3990
	4350	2235	5230	5615	1395	6	3790	3780	4080	3920
	4500	2285	5385	5770	1450	6	3650	3630	4040	3880
	4800	2385	5685	6070	1545	6	3380	3370	3960	3810
	5000	2485	5880	6265	1645	6	3260	3240	3910	3750
	5400	2610	6275	6660	1770	6	2910	2890	3800	3650
	6000	2850	6875	7260	2010	6	2510	2500	3600	3460
6500	3050	7375	7760	2210	6	2210	2190	3420	3280	

Note: For integral sideshift deduct 50kg from stated capacity, all ratings with 1070 mm forks, dual tyre capacities available upon request

**ERP5.0MXLG MAST DIMENSIONS**

	Maximum fork height (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with LBR (mm)	Free lift height without LBR (mm)	Back tilt (°)	5.0 capacities (kg) @ 500mm LC			
							Front single pneumatic tyres		Dual pneumatic tyres	
							Without sideshift (kg)	With sideshift (kg)	Without sideshift (kg)	With sideshift (kg)
							ERP5.0MXLG	ERP5.0MXLG	ERP5.0MXLG	ERP5.0MXLG
2-STAGE LIMITED FREE-LIFT	3000	2250	3855	4260	155	12	5000	4830	5000	4830
	3300	2400	4155	4560	155	12	5000	4820	5000	4820
	3500	2500	4355	4760	155	12	5000	4810	5000	4810
	3700	2600	4605	5010	155	6	5000	4800	5000	4800
	4000	2800	4855	5260	155	6	4940	4740	4940	4740
	4500	3050	5355	5760	155	6	4760	4610	4810	4610
	5000	3300	5855	6260	155	6	4140	4120	4670	4480
	5500	3600	6355	6760	155	6	3630	3600	4510	4320
2-STAGE FULL FREE-LIFT	3000	2250	3855	4250	1430	12	5000	4820	5000	4820
	3300	2400	4155	4550	1580	12	5000	4820	5000	4820
	3500	2500	4355	4750	1680	12	5000	4810	5000	4810
3-STAGE FULL FREE-LIFT	4000	2110	4880	5265	1280	6	4550	4370	4550	4370
	4350	2235	5230	5615	1400	6	4310	4290	4470	4290
	4500	2285	5385	5770	1455	6	4160	4130	4430	4250
	4800	2385	5685	6070	1550	6	3870	3850	4350	4180
	5000	2485	5880	6265	1650	6	3730	3710	4290	4120
	5400	2610	6275	6660	1775	6	3350	3340	4180	4010
	6000	2850	6875	7260	2015	6	2930	2920	3970	3820
6500	3050	7375	7760	2215	6	2620	2610	3790	3640	

**ERP5.0MXLG(S6) MAST DIMENSIONS**

	Maximum fork height (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with LBR (mm)	Free lift height without LBR (mm)	Back tilt (°)	5.0T capacities (kg) @ 600mm LC			
							Front single pneumatic tyres		Dual pneumatic tyres	
							Without sideshift (kg)	With sideshift (kg)	Without sideshift (kg)	With sideshift (kg)
							ERP5.0MXLG	ERP5.0MXLG	ERP5.0MXLG	ERP5.0MXLG
2-STAGE LIMITED FREE-LIFT	3000	2250	3855	4420	160	12	5000	4800	5000	4600
	3300	2400	4155	4720	160	12	5000	4800	5000	4600
	3500	2500	4355	4920	160	12	5000	4800	5000	4600
	3700	2600	4605	5170	160	6	5000	4800	5000	4600
	4000	2800	4855	5420	160	6	4880	4680	5000	4480
	4500	3050	5355	5920	160	6	4610	4410	4550	4210
	5000	3300	5855	6420	160	6	4030	3830	3750	3630
	5500	3600	6355	6920	160	6	3550	3350	3350	3150
2-STAGE FULL FREE-LIFT	3000	2250	3855	4410	1435	12	5000	4800	5000	4600
	3300	2400	4155	4710	1585	12	5000	4800	5000	4600
	3500	2500	4355	4910	1685	12	5000	4800	5000	4600
3-STAGE FULL FREE-LIFT	4000	2110	4880	5425	1285	6	4560	4360	4750	4160
	4350	2235	5230	5775	1405	6	4200	4000	4500	3800
	4500	2285	5385	5930	1460	6	4050	3850	4250	3650
	4800	2385	5685	6230	1555	6	3780	3580	4000	3380
	5000	2485	5880	6425	1655	6	3640	3440	3650	3240
	5400	2610	6275	6820	1780	6	3270	3070	3350	2870
	6000	2850	6875	7420	2020	6	2870	2670	2950	2470
6500	3050	7375	7920	2220	6	2560	2360	2650	2160	

**LI-ION BATTERY DATA – ERP4.0–5.0MXLG(S6)**

<b>Battery Type</b>			<b>154.5V302AH</b>
Dimension	L x W x H	mm	1015 x 552 x 544
Weight		kg	427
Nominal voltage		V	154.56
Maximum voltage		V	173.76
Minimum voltage		V	122.4
Nominal capacity		Ah	302
Usable capacity		Ah	272
Nominal energy (Kwh)		kWh	46.7
Maximum continuous discharge current (A)		A	250
Maximum discharge current (-15s) (A)		A	400
Maximum charge current (A)		A	200
Operating temperature		°C	-25°C to + 45°C *
Charging temperature		°C	0°C – 45°C
Power connector			Cable
Power connector position			Side
Charge connector			GB250A
Charge connector position			Side
Antiarc type			N/A
CANBUS speed			125Kbps for CH and TR
Chemistry			LFP

\* Operating performance may be restricted below -10°C please consult the Operator Manual

**LI-ION CHARGER DATA – ERP4.0-5.0MXLG(S6)**

Charger type			HWCD18-153.6V100A (CE)	HWCD18-153.6V150A (CE)
Maximum output power		kW	18	20
Rated output current		A	100	150
Output voltage range		V	60-180	
Current limit adjustable range		A	0-100	0-150
Peak-peak murmurs		%	≤1	
Precision of voltage regulation		%	≤±0.5	
Steady current accuracy		%	≤±0.5	
Parallel current sharing module		%	≤±5	
Machine efficiency			Efficiency ≥94% when load ≥50%	
Output protection			Short-circuit, over-current, over-voltage, reverse connection, current backflow protection	
Rated input voltage			Three-phase four-wire system 380Vac	
Input voltage range		Vac	323~475	
Input current		A	34.6	38.4
Input frequency		Hz	45~65	
Power factor (PF)	PF		≥0.99	
Current distortion (THD)	THD	%	≤5%	
Input protection			Over-voltage, under-voltage, lack of phase, over-current protection	
Working environment temperature		°C	-30°C to 55°C normal operation; 57°C to 75°C reduced output; over 75°C shutdown protection	
Storage temperature		°C	-30 ~ 70	
Relative humidity		%	0~95	
Altitude			≤2000m (6562 ft) full load output, 2000-3000m (656-9843 ft) in accordance with GB/T3859.2-1993 5.11.2 derating	
Insulation strength			Input-output: 3500VDC/10Ma/60Min	
			Input-shell: 2800VDC/10Ma/60Min	
			Output-shell: 2800VDC/10Ma/60Min	
			Input-output: DC1000V>20MΩ ;	
			Input-shell: DC1000V>20MΩ ;	
			Output-shell: DC1000V>20MΩ ;	
External dimension (host)	LxWxH	mm	558 (L) × 330 (W) × 617 (H)	
One machine net weight		kg	47	
Protection level			IP54	
Output plug-in model			WOER 125A DC Charging Gun	
Output plug-in specifications			Comply with GB/T 20234-2015.3	
Cooling method			Forced convection	
Auxiliary power supply			12V power supply 6A/75W	
Batteries			Lithium batteries	
CAN protocol			Yale	

## FEATURES LIST

PERFORMANCE	STD	OPT
154.5 Volt electrical system with GB250 connection	●	
Standard (-5°C to 45°C) environmental construction	●	
Drum brakes	●	
Antistatic strap	●	
154.5V302Ah (46.7kWh) integrated li-ion battery	●	
154.5V 100A three phase lithium Ion LFP CACTi charger with GB250 connector (input 320V-475V)	●	
154.5V 150A three phase lithium Ion LFP CACTi charger with GB250 connector (input 320V-475V)		●
Battery disconnect	●	
DRIVE	STD	OPT
Directional lever	●	
Foot directional control (FDC)		●
Standard tread tyres	●	
Dual tread tyres		●
Tyres - super elastic		●
Tyres - super elastic - non marking		●
Tyres - pneumatic radial	●	
Tyres - pneumatic		●
Steering column mounted directional control	●	
Steering wheel with spinner knob	●	
Steer column with infinitely adjustable tilt	●	
On demand power steering	●	
LIFT	STD	OPT
2 stage limited free lift mast – class III	●	
3 stage full free lift mast – class III		●
6° forward / 12° back mast tilt	●	
6° forward / 6° back mast tilt		●
6° forward / 10° back mast tilt (for cab)		●
3° forward / 6° back mast tilt		●
Tilt cylinder boots	●	
HANDLING	STD	OPT
Hook type standard carriage - 1380mm class 3 (class 4 for ERP5.0MXLGS6 model only)	●	
Hook type standard carriage -1600mm class 3 (class 4 for ERP5.0MXLGS6 model only)		●
Hook type standard carriage - 1700mm class 3 (class 4 for ERP5.0MXLGS6 model only)		●
Hook type standard carriage - 1800mm class 3 (class 4 for ERP5.0MXLGS6 model only)		●
Hook type integral sideshift carriage - 1380mm class 3 (class 4 for ERP5.0MXLGS6 model only)		●
1380mm cascade hang-on sideshift carriage (hook type forks)		●
1245mm cascade hang-on sideshift carriage with fork positioner (hook type forks)		●
Hook type standard taper forks 1070 x 150 x 50mm	●	
Without load backrest		●
1195mm high load backrest class 3	●	
1305mm high load backrest class 4 (ERP5.0MXLGS6 model only)		●
Manual lever hydraulic control	●	
Clamping function		●
2 function (0 auxiliary) hydraulic valve	●	
3 function (1 auxiliary) hydraulic valve		●
4 function (2 auxiliary) hydraulic valve		●

VISIBILITY	STD	OPT
LED work lights	●	
LED rear light package brake/tail/backup		●
LED rear light package brake/tail/backup/turn		●
Audible reverse alarm	●	
Switch activated strobe light	●	
Dual side view mirrors	●	
Rear reflector	●	
Blue LED pedestrian awareness spotlights		●
Red LED pedestrian awareness perimeter lines		●
Parking alarm	●	
ERGONOMICS	STD	OPT
2400mm overhead guard	●	
2250mm low overhead guard (ideal for container applications)*		●
Non suspension vinyl seat SC29 (for non CE regions only)		●
Full suspension vinyl seat value (not available with low overhead guard)	●	
Full suspension seat vinyl standard		●
Semi suspension vinyl seat (non CE regions only)	●	
Standard seat belt with/without interlock	●	
Cabin options (partial, pvc, steel doors)		●
Rear drive handle with horn button		●
Console tray	●	
LCD dash display	●	
Air conditioning		●
12V supply with twin USB charging sockets	●	
OPERATION	STD	OPT
Traction speed limiters	●	
Key switch start	●	
Battery disconnect	●	
Telemetry prepared	●	
Speed reduction in corners	●	
Foot direction control		●
Yale Vision™ Wireless Monitoring	●	
Yale Vision™ Wireless Access		●
Yale Vision™ Wireless Verification		●
SUPPLEMENTAL	STD	OPT
12 month / 2000 hour limited warranty (parts only)	●	
60 months / 7500 hours integrated Li-ion battery warranty	●	
12 months Li-ion CACTi charger warranty	●	

\* Operator headroom may be restricted, should only be ordered for specific container/low doorway entry applications.

Option availability varies by region.



# About Yale

Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

## MATERIALS HANDLING FOR:

Third-Party Logistics (3PL)

Auto Parts Distribution

Beverage

Cold & Frozen Foods

Food Distribution

Food Processing

Furniture & Furnishings

Health & Pharma

Home Centres

Retail & E-Commerce

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United Kingdom

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**Safety:** All Yale products sold into EU countries, UK, and Turkey conform to the EU requirements of Machinery Directive 2006/42/EC and contain **CE** marking. Yale trucks sold into other countries may be ordered for production in conformance with Machinery Directive requirements, and when so ordered will contain **CE** marking.

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**Notice:** Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Care must be exercised when handling elevated loads. Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual. Consult your Yale® Dealer if any of the information shown is critical to your application.