

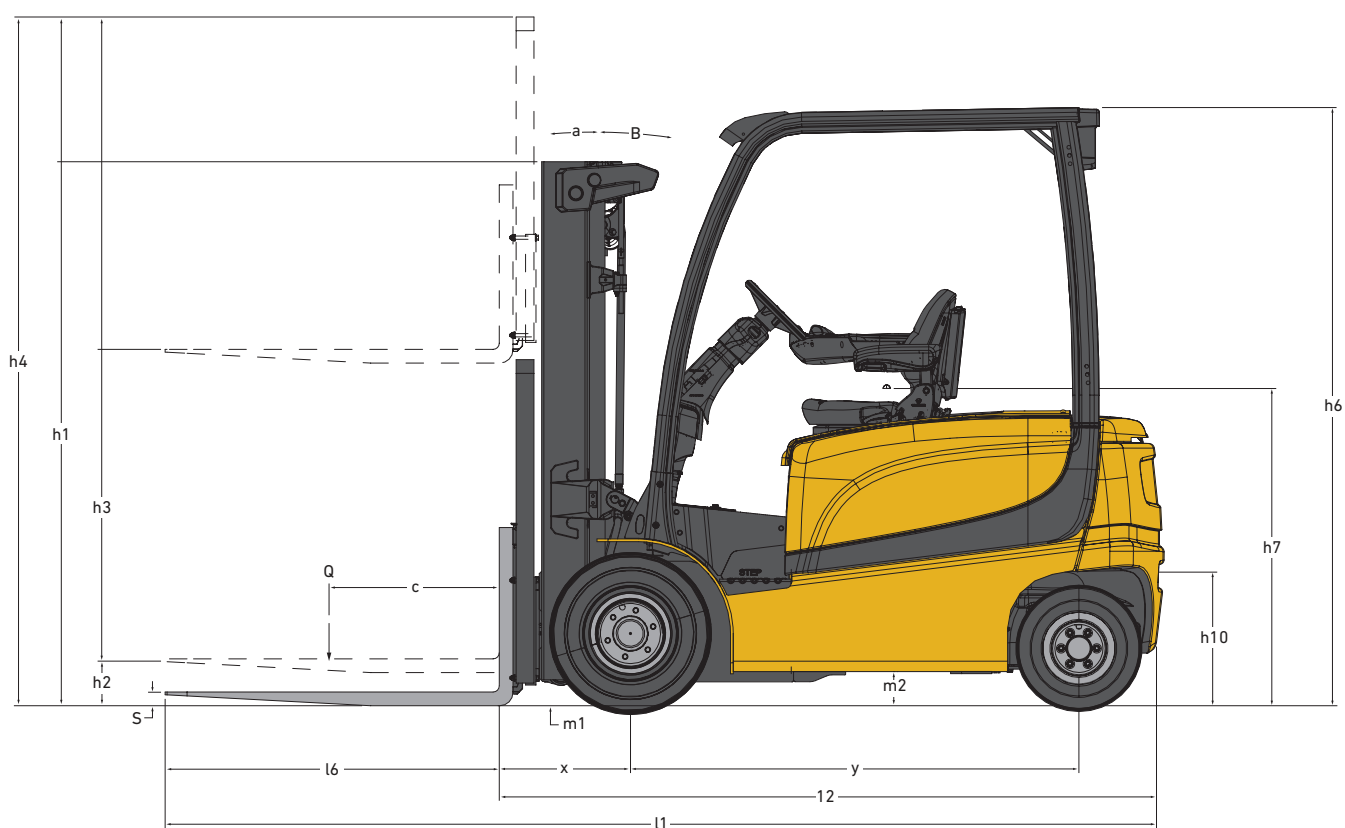


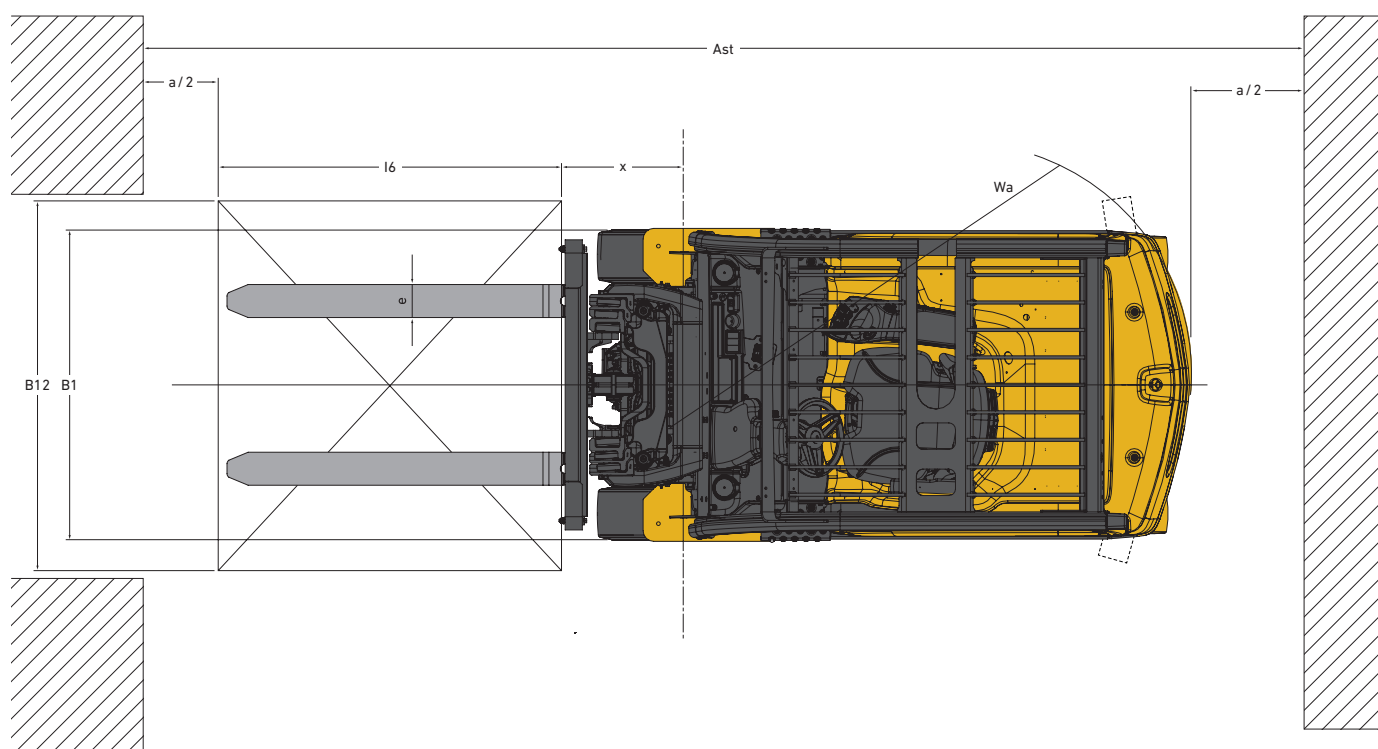
ERP 2.2-3.5N

SPEC SHEET

4 Wheel electric
forklift truck

2,200 – 3,500 kg





GENERAL SPECIFICATIONS

GENERAL	1-1	Manufacturer			Yale					
	1-2	Model designation			ERP2.2N	ERP2.5N	ERP2.5N	ERP3.0N	ERP3.5N	
	1-2-1	Model			Standard					
	1-3	Drive: electric (battery or mains), diesel, petrol, LPG			Electric (battery)					
	1-4	Operator type: hand, pedestrian, standing, seated, order-picker			Seated					
	1-5	Rated capacity/rated load	Q	kg	2200	2500		3000	3500	
	1-6	Load centre distance	c	mm	500					
	1-8	Load distance, centre of drive axle to fork	x	mm	424			434		
	1-9	Wheelbase	y	mm	1636		1780			
		Nominal Battery Compartment			mm	717		861		
WEIGHT	2-1	Service weight (1)		kg	4531	4642	5412	5509	5746	
	2-2	Axle loading laden, front/rear (1)		kg	5558 / 973	6252 / 889	6529 / 1382	7429 / 1079	8117 / 1130	
	2-3	Axle loading unladen, front/rear (1)		kg	2286 / 2245	2318 / 2324	2711 / 2701	2830 / 2679	2750 / 2996	
WHEELS	3-1	Tyres, front/rear			Super Elastic					
	3-2	Tyre size, front			23 × 9 - 10			23 × 10 - 12		
	3-3	Tyre size, rear			18 × 7 - 8					
	3-5	Number of wheels, front/rear (x = driven)			2x / 2					
	3-6	Tread, front *	b ₁₀	mm	972			983 / 1054		
	3-7	Tread, rear	b ₁₁	mm	973					
DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward	α / β	(°)	5 / 5					
	4-2	Height, mast lowered	h ₁	mm	2140			2240		
	4-3	Free lift (2)	h ₂	mm	100					
	4-4	Lift (2)	h ₃	mm	3260			3268		
	4-5	Height, mast extended (3)	h ₄	mm	4480			4498		
	4-7	Height of overhead guard (4)	h ₆	mm	2193					
	4-8	Seat height relating to SIP/stand height (5)	h ₇	mm	1177					
	4-12	Coupling height	h ₁₀	mm	484					
	4-19	Overall length	l ₁	mm	3371		3515	3525	3591	
	4-20	Length to face of forks (6)	l ₂	mm	2371		2515	2525	2591	
	4-21	Overall width *	b ₁	mm	1185 / 1296			1223 / 1296		
	4-22	Fork dimensions DIN ISO 2331	s/e/l	mm	40 × 100 × 1000			50 × 120 × 1000		
	4-23	Fork carriage ISO 2328, class/type A, B			II A			III A		
	4-24	Fork carriage width (7)	b ₃	mm	1067					
	4-31	Ground clearance, laden, below mast	m ₁	mm	98					
	4-32	Ground clearance, centre of wheelbase	m ₂	mm	137					
	4-33	Load dimensions b12 × l6 crossways	b12/l6	mm	1200 × 1000					
	4-34-1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	3654		3795	3805	3871	
	4-34-2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3799		3943	3953	4019	
	4-35	Turning radius	Wa	mm	1958		2102		2169	
	4-36	Internal turning radius	b13	mm	123		134			
	4-41	90° intersecting aisle (with pallet W = 1200mm, L = 1000mm)			mm	1993		2056	2072	2102
	4-42	Step height (from ground to running board) (9)			mm	708 / 810				
	4-43	Step height (between intermediate steps between running board and floor)			mm	475				

GENERAL SPECIFICATIONS *Continued*

PERFORMANCE	5-1	Travel speed, laden/unladen (10)	km/h	18 / 18		17 / 18	16 / 18
	5-1-1	Travel speed, laden/unladen, backwards	km/h	18 / 18		17 / 18	16 / 18
	5-2	Lift speed, laden/unladen	m/s	0.57 / 0.63	0.53 / 0.63	0.43 / 0.56	0.36 / 0.56
	5-3	Lowering speed laden / unladen	m/s	0.68 / 0.61	0.69 / 0.61	0.63 / 0.53	0.64 / 0.53
	5-5	Drawbar pull, laden / unladen, 60 minute rating **	N	7720 / 8250	5590 / 5730	7100 / 7700	6800 / 7300
	5-6	Maximum drawbar pull, laden / unladen, 5 minute rating ***	N	17400 / 18920	17300 / 18140	16800 / 17600	16500 / 17300
	5-7	Gradeability, laden / unladen, 30 minute rating **** (11)	%	13 / 21	13 / 21	11 / 19	10 / 17
	5-8	Maximum gradability, laden / unladen, *** (11)	%	25 / 31	24 / 31	22 / 32	19 / 29
	5-9	Acceleration time, laden/unladen, 15m (10)	s	5.3 / 4.7	5.4 / 4.8	5.5 / 4.9	5.5 / 5.0
	5-10	Service brake		Hydraulic			
ELECTRIC DRIVE	6-1	Drive motor rating S2 60 min	kW	2 × 9.0			
	6-2	Lift motor rating at S3 15%	kW	20.7			
	6-3	Battery according to DIN 43531/35/36 A, B, C, no		43536A			
	6-4	Battery voltage/nominal capacity K5	V/Ah	80 / 560	80 / 700		
	6-5	Battery weight (min/max)	kg	1690 / 1880	2020 / 2230		
	6-6	Energy consumption according to DIN EN 16796 (12)	kWh/h	6.0	6.1	6.5	7.0
ADDITIONAL DATA	8-1	Drive control		Induction			
	10-1	Operating pressure for attachments	bar	180			
	10-2	Oil volume for attachments (13)	l/min	10			
	10-3	Hydraulic oil tank, capacity	l	33.1			
	10-7	Sound pressure level at the driver's seat (14)	dB (A)	67			
	10-8	Towing coupling, type DIN		Pin			

(1) = Max. battery.

(2) = Bottom of forks.

(3) = Add 666 mm with class II load backrest.
Add 583 mm with class III load backrest.

(4) = h6 subject to +/- 5 mm tolerance. Add 20 mm with cab option. Add 104 mm for battery side removal option. Add 124 mm for battery side removal with cab option.

(5) = Full suspension in compressed position specified. Add 40 mm for nominal position. Add 104 mm for battery side removal option.

(6) = With sideshift carriage add 34 mm for ERP2.2N & ERP2.5N, 36 mm for ERP3.0N & ERP3.5N.

(7) = Add 28 mm with load backrest.

(8) = Stacking aisle width (lines 4.34.1 & 4.34.2) is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck.

(9) = Vertical/horizontal battery removal.

(10) = HiP Performance settings.

(11) = Gradeability figures (lines 5.7 & 5.8) are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.

(12) = eLo Performance settings.

(13) = Maximum flow set through dash display.

(14) = LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053.

* Standard / Wide tread

** 60 minute rating

*** 5 minute rating

**** 30 minute rating

Spec sheet truck based on: 3260 mm (ERP2.2-2.5N) / 3278 mm (ERP3.0-3.5N) TOF 2 stage LFL Mast with standard carriage, 1000 mm forks with manual levers. Including optional Noise Reduction Package.

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.

GENERAL SPECIFICATIONS

GENERAL	1-1	Manufacturer			Yale					
	1-2	Model designation			ERP2.2N	ERP2.5N	ERP2.5N	ERP3.0N	ERP3.5N	
	1-2-1	Model			Enhanced					
	1-3	Drive: electric (battery or mains), diesel, petrol, LPG			Electric (battery)					
	1-4	Operator type: hand, pedestrian, standing, seated, order-picker			Seated					
	1-5	Rated capacity/rated load	Q	kg	2200	2500		3000	3500	
	1-6	Load centre distance	c	mm	500					
	1-8	Load distance, centre of drive axle to fork	x	mm	424			434		
	1-9	Wheelbase	y	mm	1636		1780			
		Nominal Battery Compartment			mm	717		861		
WEIGHT	2-1	Service weight (1)		kg	4531	4642	5412	5509	5746	
	2-2	Axle loading laden, front/rear (1)		kg	5558 / 973	6252 / 889	6529 / 1382	7429 / 1079	8117 / 1130	
	2-3	Axle loading unladen, front/rear (1)		kg	2286 / 2245	2318 / 2324	2711 / 2701	2830 / 2679	2750 / 2996	
WHEELS	3-1	Tyres, front/rear			Super Elastic					
	3-2	Wheel size, front			23 × 9 - 10			23 × 10 - 12		
	3-3	Tyre size, rear			18 × 7 - 8					
	3-5	Number of wheels, front/rear (x = driven)			2x / 2					
	3-6	Tread, front *	b ₁₀	mm	972			983/1054		
	3-7	Tread, rear	b ₁₁	mm	973					
DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward		α / β	(o)	5 / 5				
	4-2	Height, mast lowered		h ₁	mm	2140			2240	
	4-3	Free lift (2)		h ₂	mm	100				
	4-4	Lift (2)		h ₃	mm	3260			3268	
	4-5	Height, mast extended (3)		h ₄	mm	4480			4498	
	4-7	Height of overhead guard (4)		h ₆	mm	2193				
	4-8	Seat height relating to SIP/stand height (5)		h ₇	mm	1177				
	4-12	Coupling height		h ₁₆	mm	484				
	4-19	Overall length		l ₁	mm	3371		3515	3525	3591
	4-20	Length to face of forks (6)		l ₂	mm	2371		2515	2525	2591
	4-21	Overall width *		b ₁	mm	1185 / 1296			1223 / 1296	
	4-22	Fork dimensions DIN ISO 2331		s/e/l	mm	40 × 100 × 1000			50 × 120 × 100w0	
	4-23	Fork carriage ISO 2328, class/type A, B			II A			III A		
	4-24	Fork carriage width (7)		b ₃	mm	1067				
	4-31	Ground clearance, laden, below mast		m ₁	mm	98				
	4-32	Ground clearance, centre of wheelbase		m ₂	mm	137				
	4-33	Load dimensions b12 x l6 crossways		b ₁₂ /l ₆	mm	1200 × 1000				
	4-34-1	Aisle width for pallets 1000 × 1200 crossways		Ast	mm	3654		3795	3805	3871
	4-34-2	Aisle width for pallets 800 × 1200 lengthways		Ast	mm	3799		3943	3953	4019
	4-35	Turning radius		Wa	mm	1958		2102		2169
	4-36	Internal turning radius		b ₁₃	mm	123		134		
	4-41	90° intersecting aisle (with pallet W = 1200mm, L = 1000mm)			mm	1993		2056	2072	2102
	4-42	Step height (from ground to running board) (9)			mm	708 / 810				
	4-43	Step height (between intermediate steps between running board and floor)			mm	475				

GENERAL SPECIFICATIONS *Continued*

PERFORMANCE	5-1	Travel speed, laden/unladen (10)	km/h	20 / 20			19.5 / 20		18 / 20	
	5-1-1	Travel speed, laden/unladen, backwards	km/h	20 / 20			19.5 / 20		18 / 20	
	5-2	Lift speed, laden/unladen	m/s	0.61 / 0.68	0.57 / 0.68		0.48 / 0.62		0.40 / 0.62	
	5-3	Lowering speed laden / unladen	m/s	0.68 / 0.61	0.69 / 0.61		0.63 / 0.53		0.64 / 0.53	
	5-5	Drawbar pull, laden / unladen, 60 minute rating **	N	13900 / 14500	13800 / 14400		13500 / 14200		13300 / 14000	
	5-6	Maximum drawbar pull, laden / unladen, 5 minute rating ***	N	18800 / 19800	18700 / 19700		18500 / 19500		18300 / 19300	
	5-7	Gradeability, laden / unladen, 30 minute rating **** (11)	%	24 / 31	23 / 31		21 / 32		18 / 29	
	5-8	Maximum gradability, laden / unladen, *** (11)	%	28 / 31	27 / 31		24 / 32		21 / 29	
	5-9	Acceleration time, laden/unladen, 15m (10)	s	5.2 / 4.6	5.3 / 4.7	5.4 / 4.8	5.5 / 4.9		5.5 / 5.0	
	5-10	Service brake		Hydraulic						
ELECTRIC	6-1	Drive motor rating S2 60 min	kW	2 × 12.0						
	6-2	Lift motor rating at S3 15%	kW	21.5						
	6-3	Battery according to DIN 43531/35/36 A, B, C, no		43536A						
	6-4	Battery voltage/nominal capacity K5	V/Ah	80 / 560		80 / 700				
	6-5	Battery weight (min/max)	kg	1690 / 1880		2020 / 2230				
	6-6	Energy consumption according to DIN EN 16796 (12)	kWh	5.6	5.7	6.05	6.5		7.0	
ADDITIONAL	8-1	Drive control		PM Motor						
	10-1	Operating pressure for attachments	bar	180						
	10-2	Oil volume for attachments (13)	l/min	10						
	10-3	Hydraulic oil tank, capacity	l	33.1						
	10-7	Sound pressure level at the driver's seat (14)		dB (A)		67				
	10-8	Towing coupling, type DIN		Pin						

(1) = Max. battery.

(2) = Bottom of forks.

(3) = Add 666 mm with class II load backrest. Add 583 mm with class III load backrest.

(4) = h₆ subject to +/- 5 mm tolerance. Add 20 mm with cab option. Add 104 mm for battery side removal option. Add 124 mm for battery side removal with cab option.

(5) = Full suspension in compressed position specified. Add 40 mm for nominal position. Add 104 mm for battery side removal option.

(6) = With sideshift carriage add 34 mm for ERP2.2N & ERP2.5N, 36 mm for ERP3.0N & ERP3.5N.

(7) = Add 28 mm with load backrest.

(8) = Stacking aisle width (lines 4.34.1 & 4.34.2) is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck.

(9) = Vertical/horizontal battery removal.

(10) = HiP Performance settings.

(11) = Gradeability figures (lines 5.7 & 5.8) are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.

(12) = eLo Performance settings.

(13) = Maximum flow set through dash display.

(14) = LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053.

* Standard / Wide tread

** 60 minute rating

*** 5 minute rating

**** 30 minute rating

Spec sheet truck based on: 3260 mm (ERP2.2-2.5N) / 3278 mm (ERP3.0-3.5N) TOF 2 stage LFL Mast with standard carriage, 1000 mm forks with manual levers. Including optional Noise Reduction Package.

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.

MAST DIMENSION – ERP2.2N									
SUPER ELASTIC TYRES	Tof maximum fork lift (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with 1220 LBR (mm)	Bof free lift height bottom of forks (mm)	Free lift height top of forks (mm)	Back tilt (°)	Capacities (kg) @ 500mm load centre	Capacities (kg) @ 600mm load centre
2LFL	2960	1990	3513	4180	100	140	5	2200	2200
	3260	2140	3813	4480	100	140	5	2200	2200
	3360	2190	3913	4580	100	140	5	2200	2200
	3560	2290	4113	4780	100	140	5	2200	2200
	3760	2390	4313	4980	100	140	5	2200	2200
	3900	2540	4453	5120	100	140	5	2200	2200
	4200	2690	4753	5420	100	140	5	2200	2200
	4800	2990	5353	6020	100	140	5	2200	2200
2FFL	5000	3190	5553	6220	100	140	5	2200	2200
	2990	1990	3552	4210	1388	1428	5	2200	2200
	3340	2140	3902	4560	1538	1578	5	2200	2200
	3540	2240	4102	4760	1638	1678	5	2200	2200
	3740	2340	4302	4960	1738	1778	5	2200	2200
	4060	2540	4622	5280	1938	1978	5	2200	2200
	4560	2790	5122	5780	2188	2228	5	2200	2200
	4960	2990	5522	6180	2388	2428	5	2200	2200
3FFL	5560	3340	6122	6780	2738	2778	5	2110	2110
	4100	1990	4653	5320	1397	1437	5	2200	2200
	4400	1990	4953	5620	1397	1437	5	2200	2200
	4650	2040	5203	5870	1447	1487	5	2200	2200
	4950	2140	5503	6170	1547	1587	5	2200	2200
	5250	2290	5803	6470	1697	1737	5	2170	2170
	5550	2390	6103	6770	1797	1837	5	2110	2110
	6150	2640	6703	7370	2047	2087	5	1990	1990
	6450	2790	7003	7670	2197	2237	5	1920	1920
	6900	2990	7453	8120	2397	2437	5	1660	1660

MAST DIMENSION – ERP2.5N – 717 MM BATTERY BOX									
SUPER ELASTIC TYRES	Maximum fork lift (mm)	Lowered height (mm)	Extended height without LBR (mm)	Free lift height without LBR (mm)	Free lift height bottom of forks (mm)	Free lift height top of forks (mm)	Back tilt (°)	Capacities (kg) @ 500mm load centre	Capacities (kg) @ 600mm load centre
								Without sideshift (kg)	Without sideshift (kg)
2LFL	2960	1990	3513	4180	100	140	5	2500	2500
	3260	2140	3813	4480	100	140	5	2500	2500
	3360	2190	3913	4580	100	140	5	2500	2500
	3560	2290	4113	4780	100	140	5	2500	2500
	3760	2390	4313	4980	100	140	5	2500	2500
	3900	2540	4453	5120	100	140	5	2500	2500
	4200	2690	4753	5420	100	140	5	2500	2500
	4800	2990	5353	6020	100	140	5	2500	2440
2FFL	5000	3190	5553	6220	100	140	5	2460	2390
	2990	1990	3552	4210	1388	1428	5	2500	2500
	3340	2140	3902	4560	1538	1578	5	2500	2500
	3540	2240	4102	4760	1638	1678	5	2500	2500
	3740	2340	4302	4960	1738	1778	5	2500	2500
	4060	2540	4622	5280	1938	1978	5	2500	2500
	4560	2790	5122	5780	2188	2228	5	2500	2480
	4960	2990	5522	6180	2388	2428	5	2470	2410
3FFL	5560	3340	6122	6780	2738	2778	5	2350	2300
	4100	1990	4653	5320	1397	1437	5	2500	2500
	4400	1990	4953	5620	1397	1437	5	2500	2500
	4650	2040	5203	5870	1447	1487	5	2500	2480
	4950	2140	5503	6170	1547	1587	5	2470	2430
	5250	2290	5803	6470	1697	1737	5	2410	2380
	5550	2390	6103	6770	1797	1837	5	2340	2330
	6150	2640	6703	7370	2047	2087	5	2140	2140
	6450	2790	7003	7670	2197	2237	5	1920	1920
	6900	2990	7453	8120	2397	2437	5	1630	1630

MAST DIMENSION – ERP2.5N – 861 MM BATTERY BOX

SUPER ELASTIC TYRES	Maximum fork lift (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height without LBR (mm)	Free lift height bottom of forks (mm)	Free lift height top of forks (mm)	Back tilt (°)	Capacities (kg) @ 500mm load centre	Capacities (kg) @ 600mm load centre
								Without sideshift (kg)	Without sideshift (kg)
2LFL	2960	1990	3513	4180	100	140	5	2500	2500
	3260	2140	3813	4480	100	140	5	2500	2500
	3360	2190	3913	4580	100	140	5	2500	2500
	3560	2290	4113	4780	100	140	5	2500	2500
	3760	2390	4313	4980	100	140	5	2500	2500
	3900	2540	4453	5120	100	140	5	2500	2500
	4200	2690	4753	5420	100	140	5	2500	2500
	4800	2990	5353	6020	100	140	5	2500	2500
2FFL	5000	3190	5553	6220	100	140	5	2500	2500
	2990	1990	3552	4210	1388	1428	5	2500	2500
	3340	2140	3902	4560	1538	1578	5	2500	2500
	3540	2240	4102	4760	1638	1678	5	2500	2500
	3740	2340	4302	4960	1738	1778	5	2500	2500
	4060	2540	4622	5280	1938	1978	5	2500	2500
	4560	2790	5122	5780	2188	2228	5	2500	2500
	4960	2990	5522	6180	2388	2428	5	2500	2500
3FFL	5560	3340	6122	6780	2738	2778	5	2420	2420
	4100	1990	4653	5320	1397	1437	5	2500	2500
	4400	1990	4953	5620	1397	1437	5	2500	2500
	4650	2040	5203	5870	1447	1487	5	2500	2500
	4950	2140	5503	6170	1547	1587	5	2500	2500
	5250	2290	5803	6470	1697	1737	5	2470	2470
	5550	2390	6103	6770	1797	1837	5	2420	2420
	6150	2640	6703	7370	2047	2087	5	2240	2240
	6450	2790	7003	7670	2197	2237	5	1990	1990
	6900	2990	7453	8120	2397	2437	5	1660	1660

MAST DIMENSION – ERP3.0N

SUPER ELASTIC TYRES	Maximum fork lift (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height with 1220 LBR (mm)	Free lift height bottom of forks (mm)	Free lift height top of forks (mm)	Back tilt (°)	Capacities (kg) @ 500mm load centre	Capacities (kg) @ 600mm load centre
								Without sideshift (kg)	Without sideshift (kg)
2LFL	2980	2090	3619	4198	100	150	5	3000	3000
	3280	2240	3919	4498	100	150	5	3000	3000
	3380	2290	4019	4598	100	150	5	3000	3000
	3580	2390	4219	4798	100	150	5	3000	3000
	3880	2640	4519	5098	100	150	5	3000	3000
	4180	2790	4819	5398	100	150	5	3000	3000
	4480	2940	5119	5698	100	150	5	3000	3000
	4780	3190	5419	5998	100	150	5	2980	2980
	5480	3540	6119	6698	100	150	5	2840	2840
2FFL	5880	3840	6519	7098	100	150	5	2750	2750
	3000	2040	3633	4224	1361	1411	5	3000	3000
	3200	2140	3833	4424	1461	1511	5	3000	3000
	3500	2290	4133	4724	1611	1661	5	3000	3000
	3700	2390	4333	4924	1711	1761	5	3000	3000
	4000	2590	4633	5224	1911	1961	5	3000	3000
	4500	2840	5133	5724	2161	2211	5	3000	3000
	5000	3140	5633	6224	2461	2511	5	2940	2940
3FFL	5400	3340	6033	6624	2661	2711	5	2820	2820
	4020	1990	4635	5238	1323	1373	5	3000	3000
	4320	2040	4935	5538	1373	1423	5	3000	3000
	4620	2140	5235	5838	1473	1523	5	3000	3000
	4920	2290	5535	6138	1623	1673	5	2970	2970
	5520	2540	6135	6738	1873	1923	5	2850	2840
	5820	2640	6435	7038	1973	2023	5	2780	2770
	6120	2790	6735	7338	2123	2173	5	2710	2690
	6570	2990	7185	7788	2323	2373	5	2600	2570
	7020	3140	7635	8238	2473	2523	5	2480	2440

MAST DIMENSION – ERP3.5N

SUPER ELASTIC TYRES	Maximum fork lift (mm)	Lowered height (mm)	Extended height without LBR (mm)	Extended height without LBR (mm)	Free lift height bottom of forks (mm)	Free lift height top of forks (mm)	Back tilt (°)	Capacities (kg) @ 500mm load centre	Capacities (kg) @ 600mm load centre
								Without sideshift (kg)	Without sideshift (kg)
2LFL	2980	2090	3619	4198	100	150	5	3500	3500
	3280	2240	3919	4498	100	150	5	3500	3500
	3380	2290	4019	4598	100	150	5	3500	3500
	3580	2390	4219	4798	100	150	5	3500	3500
	3880	2640	4519	5098	100	150	5	3500	3500
	4180	2790	4819	5398	100	150	5	3500	3500
	4480	2940	5119	5698	100	150	5	3440	3440
	4780	3190	5419	5998	100	150	5	3380	3380
	5480	3540	6119	6698	100	150	5	3230	3220
	5880	3840	6519	7098	100	150	5	3130	3110
2FFL	3000	2040	3633	4224	1361	1411	5	3500	3500
	3200	2140	3833	4424	1461	1511	5	3500	3500
	3500	2290	4133	4724	1611	1661	5	3500	3500
	3700	2390	4333	4924	1711	1761	5	3500	3500
	4000	2590	4633	5224	1911	1961	5	3500	3500
	4500	2840	5133	5724	2161	2211	5	3440	3440
	5000	3140	5633	6224	2461	2511	5	3320	3320
	5400	3340	6033	6624	2661	2711	5	2820	2820
3FFL	4020	1990	4635	5238	1323	1373	5	3500	3500
	4320	2040	4935	5538	1373	1423	5	3500	3500
	4620	2140	5235	5838	1473	1523	5	3470	3470
	4920	2290	5535	6138	1623	1673	5	3400	3400
	5520	2540	6135	6738	1873	1923	5	3270	3260
	5820	2640	6435	7038	1973	2023	5	3200	3180
	6120	2790	6735	7338	2123	2173	5	3120	3090
	6570	2990	7185	7788	2323	2373	5	3000	2960
	7020	3140	7635	8238	2473	2523	5	2830	2820

FEATURES LIST

PERFORMANCE	STD	OPT
80 Volt	●	
Standard performance	●	
Standard performance: Low noise		●
Enhanced performance		●
Enhanced performance: Low noise		●
Standard construction	●	
Sub-zero freezer (-40° C to 30° C)		●
Belly screen		●
System monitoring package		●
Vertical battery extraction	●	
Hinged door		●
Removable panels		●
Side extraction (using fork pockets)		●
Side extraction (using rollers)		●
Primary DC/DC converter	●	
Auxiliary DC/DC converter		●
Without battery	●	
Battery options		●
Without charger	●	
Charger options		●
DRIVE	STD	OPT
Integrated directional switch	●	
Foot directional control		●
Tyres – super elastic	●	
Tyres – super elastic – non marking		●
Standard tread width	●	
Wide tread width		●
Steer column with infinitely adjustable tilt	●	
Telescopic steering column with tilt memory		●
Steering wheel with spinner knob	●	
On demand power steering	●	
LIFT	STD	OPT
2 stage limited free lift mast – Class II/III	●	
2 stage full free lift mast – Class II/III		●
3 stage full free lift mast – Class II/III		●
5° forward / 5° back mast tilt	●	
5° forward / 4° back mast tilt		●
HANDLING	STD	OPT
With tilt cylinder boots		●
Hook type carriage – 1070mm	●	
Hook type integral sideshift carriage – 1070mm		●
Hook type integral sideshift carriage with fork positioner – 1070mm		●
Hook type standard carriage – 1220mm		●
Hook type integral sideshift carriage – 1220mm		●
Hook type integral sideshift carriage with fork positioner – 1220mm		●
Without load backrest	●	
1220mm high load backrest		●
Hook type standard taper forks	●	
3 function (1 auxiliary) hydraulic valve	●	
4 function (2 auxiliary) hydraulic valve		●
Manual lever hydraulic controls	●	
Accutouch mini lever hydraulic controls		●
Joystick hydraulic controls		●
Clamping function		●
Return to set tilt function		●
Without hose group	●	
3 function hose group (1 auxiliary)		●
4 function hose group (2 auxiliary)		●
Auxiliary extension tubes		●
Auxiliary extension tubes with quick disconnect		●
Hydraulic accumulator		●
Load weight display		●

VISIBILITY	STD	OPT
Audible reverse alarm		●
Amber strobe light		●
Audible forward and reverse alarm		●
Without lights	●	
LED work lights		●
LED rear lights		●
LED rear lights – stop/tail/reverse		●
LED rear lights – stop/tail/reverse/turn		●
Blue LED pedestrian awareness spot light – front and rear		●
Red LED pedestrian awareness spot light – front and rear		●
Travel speed alarm		●
Travel speed indicator		●
ERGONOMICS	STD	OPT
Aftermarket cabin kit ready dash	●	
Standard display: 127mm colour touchscreen	●	
2193mm overhead guard	●	
2297mm overhead guard		●
Front/top cabin panels with front wiper motor		●
Steel modular cab with PVC doors		●
Full steel cab		●
Heater and demister		●
Air conditioning		●
LED dome / reading light		●
Panoramic mirror		●
Dual mirrors side view		●
12V outlet - automotive style socket on dash		●
Rear drive handle with horn button		●
Full suspension vinyl seat - value	●	
Full suspension vinyl seat		●
Full suspension cloth seat		●
Air ride full suspension vinyl seat		●
Air ride full suspension cloth seat		●
Full suspension vinyl seat – low profile		●
Standard seat belt	●	
Hi vis red seat belt		●
Hi vis red seat belt with interlock		●
OPERATION	STD	OPT
Key switch start	●	
Keyless with operator password		●
Traction speed limiter pre-set to (3, 6, 8, 10, 13)km/h		●
Two battery stands		●
Gravity feed water reservoir		●
Manual filler gun		●
Pressure reduction valve		●
Aquamatic filling trolley		●
Mud guards front and rear		●
Dynamic stability system		●
Speed reduction in corners		●
Yale Reliant™		●
SUPPLEMENTAL	STD	OPT
24 Months / 4,000 hours manufacturer's warranty	●	
36 Months / 6,000 hours extended warranty		●
Extended protection plans		●
Literature package	●	
CE certification		
Yale Vision™ Telemetry	●	

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

Government

Health & pharma

Home centers & durables

Retail & e-commerce

Yale Lift Truck Technologies
P.O. Box 7367
Greenville, NC 27835-7367
U.S.A.

yale.com

© 2026 Hyster-Yale Materials Handling, Inc., all rights reserved. YALE and  are trademarks of Hyster-Yale Materials Handling, Inc.

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. Consult your Yale® Dealer if any of the information shown is critical to your application.

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.