



RELIABLE
STORAGE SYSTEMS

ELECTRIC FORKLIFT (3Wheel)



*One Stop Storage Solution
In Material Handling Equipments*

ELECTRIC FORKLIFT (3 Wheels)

► Features

Engineered for Drivers



► Performance

- On-demand hydraulic power steering, with twin drive motor system, delivers superb manoeuvrability and low energy consumption
- Excellent stopping capability - delivered through maintenance free oil immersed brakes and regenerative braking system
- Simple and clear dash display helps the operator to be fully informed
- Display with integrated performance selection functions
- AC traction and lifting motors, with electronic control, improves performance
- Sequential seatbelt interlock available to comply with Australia ISO standards



► Comfort

- Hydraulic power steering requires low steering effort for precise positioning
- Driver fatigue minimised by full suspension, superior comfort and lumbar support seat
- Adjustable steering column and seat to suit all operators
- Low noise and vibration
- Low entrance step, large uncluttered floor space and ergonomically positioned pedals
- Ergonomic handbrake and operator controls – maximising comfort

► Safety and Compliance

- High visibility, shock absorbing mast as standard enables soft landing
- Controllable mast lowering speed to avoid damage
- Secure overhead guard, passed CE drop test
- LED lights as standard
- Operator presence system



► Service

- AC traction and hydraulic motors reduce maintenance costs
- Easy service access to the controllers – mounted inside the counterweight, at waist height, protected by removable cover
- IP54 Design – protects the hydraulic and drive motor components
- Readily accessible drivetrain - minimising service time
- CANbus communication simplifies troubleshooting

► Mast Specifications

► RERP16UXT Mast and Capacity Chart

	Max fork height (mm)	Overall Extended Height			Free Lift		Mast Tilt		Capacity without Side Shift	
		Lowered height (mm)	Lift height		Without LBR (mm)	With LBR (mm)	Forward (Deg)	Back (Deg)	@ 500mm Single Pneumatic Tyre (kg)	@ 600mm Single Pneumatic Tyre (kg)
			Without LBR (mm)	With LBR (mm)					1.6T	1.6T
2LFL	3000	1975	3490	4010	35	35	6	6	1600	1435
	3300	2125	3790	4310	35	35	6	6	1600	1435
	3500	2225	3990	4510	35	35	6	6	1600	1435
	3700	2325	4190	4710	35	35	6	6	1600	1435
	4000	2525	4490	5010	35	35	3	5	1600	1435
	4500	2775	4990	5510	35	35	3	5	1400	1255
	5000	3025	5490	6010	35	35	3	5	1250	1120
2FFL	3000	1975	3490	4010	1510	990	6	6	1600	1435
	3300	2125	3790	4310	1660	1140	6	6	1600	1435
	3500	2225	3990	4510	1760	1240	6	6	1600	1435
	3700	2325	4190	4710	1860	1340	6	6	1600	1330
	4000	2525	4490	5010	2060	1540	3	5	1600	1330
	4000	1850	4490	5010	1385	865	3	5	1600	1330
	4350	1975	4840	5360	1510	990	3	5	1500	1345
3FFL	4500	2025	4990	5510	1560	1040	3	5	1400	1255
	4800	2125	5290	5810	1660	1140	3	5	1300	1165
	5000	2225	5490	6010	1760	1240	3	5	1250	1120
	5500	2390	5990	6510	1925	1405	3	5	1150	1030
	6000	2575	6490	7010	2110	1590	3	5	1050	940
	6500	2790	6990	7510	2325	1805	3	5	900	805

► RERP18UXT Mast and Capacity Chart

	Max fork height (mm)	Overall Extended Height			Free Lift		Mast Tilt		Capacity without Side Shift	
		Lowered height (mm)	Lift height		Without LBR (mm)	With LBR (mm)	Forward (Deg)	Back (Deg)	@ 500mm Single Pneumatic Tyre (kg)	@ 600mm Single Pneumatic Tyre (kg)
			Without LBR (mm)	With LBR (mm)					1.8T	1.8T
2LFL	3000	1975	3490	4010	35	35	6	6	1800	1615
	3300	2125	3790	4310	35	35	6	6	1800	1615
	3500	2225	3990	4510	35	35	6	6	1800	1615
	3700	2325	4190	4710	35	35	6	6	1800	1615
	4000	2525	4490	5010	35	35	3	5	1800	1615
	4500	2775	4990	5510	35	35	3	5	1600	1435
	5000	3025	5490	6010	35	35	3	5	1450	1300
2FFL	3000	1975	3490	4010	1510	990	6	6	1800	1615
	3300	2125	3790	4310	1660	1140	6	6	1800	1615
	3500	2225	3990	4510	1760	1240	6	6	1800	1615
	3700	2325	4190	4710	1860	1340	6	6	1800	1500
	4000	2525	4490	5010	2060	1540	3	5	1800	1500
	4000	1850	4490	5010	1385	865	3	5	1800	1500
	4350	1975	4840	5360	1510	990	3	5	1700	1525
3FFL	4500	2025	4990	5510	1560	1040	3	5	1600	1435
	4800	2125	5290	5810	1660	1140	3	5	1500	1345
	5000	2225	5490	6010	1760	1240	3	5	1450	1300
	5500	2390	5990	6510	1925	1405	3	5	1200	1075
	6000	2575	6490	7010	2110	1590	3	5	1100	985
	6500	2790	6990	7510	2325	1805	3	5	950	850

► RERP20UXT Mast and Capacity Chart

	Max fork height (mm)	Overall Extended Height			Free Lift		Mast Tilt		Capacity without Side Shift	
		Lowered height (mm)	Lift height		Without LBR (mm)	With LBR (mm)	Forward (Deg)	Back (Deg)	@ 500mm Single Pneumatic Tyre (kg)	@ 600mm Single Pneumatic Tyre (kg)
			Without LBR (mm)	With LBR (mm)					2.0T	2.0T
2LFL	3000	1975	3490	4010	54	54	6	6	2000	1795
	3300	2125	3790	4310	54	54	6	6	2000	1795
	3500	2225	3990	4510	54	54	6	6	2000	1795
	3700	2325	4190	4710	54	54	6	6	2000	1795
	4000	2525	4490	5010	54	54	3	5	2000	1795
	4500	2775	4990	5510	54	54	3	5	1800	1615
	5000	3025	5490	6010	54	54	3	5	1500	1345
2FFL	3000	1975	3490	4010	1510	990	6	6	2000	1795
	3300	2125	3790	4310	1660	1140	6	6	2000	1795
	3500	2225	3990	4510	1760	1240	6	6	2000	1795
	3700	2325	4190	4710	1860	1340	6	6	2000	1665
	4000	2525	4490	5010	2060	1540	3	5	2000	1665
	4000	1850	4490	5010	1385	865	3	5	2000	1665
	4350	1975	4840	5360	1510	990	3	5	1900	1705
3FFL	4500	2025	4990	5510	1560	1040	3	5	1800	1615
	4800	2125	5290	5810	1660	1140	3	5	1650	1480
	5000	2225	5490	6010	1760	1240	3	5	1500	1345
	5500	2390	5990	6510	1925	1405	3	5	1300	1165
	6000	2575	6490	7010	2110	1590	3	5	1200	1075
	6500	2790	6990	7510	2325	1805	3	5	1000	895

Note: For integral sideshifts deduct 50kg from stated capacity

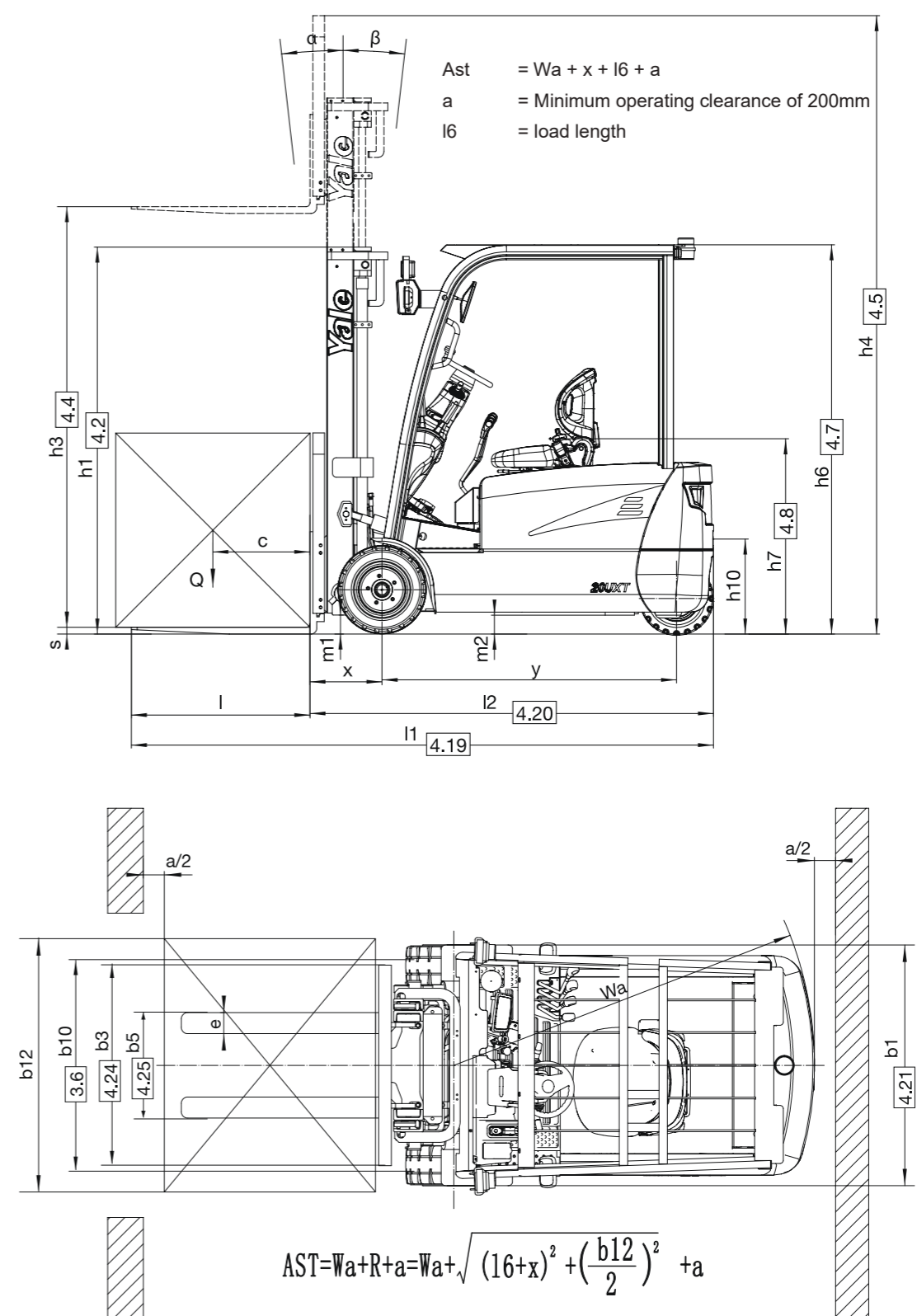
Electric ForkLift (3 wheel)

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			RERP16UXT	RERP18UXT	RERP20UXT	
Distinguishing mark	1.2	Model designation	RERP16UXT	RERP18UXT	RERP20UXT	
	1.3	Power: battery, diesel, LPG, electric mains	Battery	Battery	Battery	
	1.4	Operation: manual, pedestrian, stand, seat, orderpicker	Seated	Seated	Seated	
	1.5	Load capacity	Q (kg)	1600	1800	2000
	1.6	Load centre	c (mm)	500	500	500
Weight	1.8	Load distance	x (mm)	371	371	
	1.9	Wheelbase	Y (mm)	1400	1400	1515
	2.1	Unladen weight (max. battery)	kg	3120	3190	3380
Tyres, chassis	2.2	Axle loading, laden front / rear (max. battery)	kg	4010 / 660	4420 / 510	4870 / 580
	2.3	Axle loading, unladen front / rear (max. battery)	kg	1480 / 1640	1500 / 1690	1580 / 1810
	3.1	Tyres: L=pneumatic, V=cushion, SE= superelastic		SE	SE	SE
	3.2	Tyre size, front		18 x 7-8	18 x 7-8	200 / 50-10
	3.3	Tyre size, rear		15 x 4.5-8	15 x 4.5-8	15 x 4.5-8
Dimensions	3.5	Number of wheels, front / rear (X = driven)		2x / 2	2x / 2	2x / 2
	3.6	Track width, front	b10 (mm)	933	933	952
	3.7	Track width, rear	(mm)	186	186	186
	4.1	Mast tilt, forward	degrees	6 / 6	6 / 6	6 / 6
	4.2	Height of mast, lowered	h1 (mm)	1992	1992	1990
	4.4	Lift height	h3 (mm)	3036	3036	3045
	4.5	Height of mast, extended	h4 (mm)	4030	4030	4000
	4.7	Height to top of overhead guard	h6 (mm)	2002	2002	2004
	4.8	Seat height	h7 (mm)	965	965	965
	4.12	Towing coupling height	h10 (mm)	445	445	485
	4.19	Overall length (with forks)	l1 (mm)	2894	2894	3153
	4.2	Length to face of forks	l2 (mm)	1974	1974	2084
	4.21	Overall width	b1 (mm)	1084	1084	1140
	4.22	Fork dimensions	s/e/l (mm)	35 / 100 / 920	35 / 100 / 920	40 / 120 / 1070
	4.23	Fork carriage DIN 15173, Class, A / B		2A	2A	2A
	4.24	Fork carriage width	b3 (mm)	950	950	950
	4.25	Width over forks	b5 (mm)	890	890	890
	4.31	Ground clearance, laden, below mast	m1 (mm)	90	90	90
	4.32	Ground clearance at centre of wheelbase	m2 (mm)	96	96	96
	4.33	Aisle width with pallets 1000 mm long x 1200 mm wide	Ast (mm)	3290	3290	3445
4.34	Aisle width with pallets 800 mm wide x 1200 mm long	Ast (mm)	3415	3415	3410	
4.35	Outer turning radius	Wa (mm)	1601	1601	1716	
4.36	Inner turning radius	b13 (mm)	0	0	0	
Performance data	5.1	Travel speed laden / unladen	km/h	14 / 16	14 / 16	14 / 16
	5.2	Lifting speed laden / unladen	mm/s	352 / 500	349 / 500	310 / 500
	5.3	Lowering speed laden / unladen	mm/s	344 / 420	382 / 421	390 / 430
	5.6	Maximum drawbar pull laden / unladen, 5 minute rating	N	15500 / 10000	15000 / 10500	15500 / 12000
	5.8	Maximum gradeability with / without load, 5 minute rating	%	20 / 30	20 / 30	20 / 30
Electric-Motor	5.9	Acceleration time with / without load 10m	sec	4.4 / 4.3	4.4 / 4.3	5.9 / 5.6
	5.1	Service brake		Hydraulic	Hydraulic	Hydraulic
	6.1	Drive Motor Rating, S2, 60min	kW	2 x 5.0	2 x 5.0	2 x 5.0
	6.2	Lifting motor, S3 15% rating	kW	11	11	11
	6.3	Battery DIN 43531 / 35 / 36 A, B, C, no		43531A	43531A	43531A
Additional data	6.4	Battery voltage / capacity (5hr rate)	V/Ah	48 / 460	48 / 460	48 / 600
	6.5	Battery weight (min/max)	kg	945	945	1090
	6.6	Battery dimensions	l/w/h (mm)	830 / 630 / 627	830 / 630 / 627	830 / 738 / 627
	8.1	Power consumption in accordance with VDI cycle	kWh/h	5.19	5.3	5.7
	8.1	Drive control		AC	AC	AC
8.2	Manufacturer		ZAPI	ZAPI	ZAPI	
8.2	Operating pressure for attachments	bar	145	175	175	
8.3	Oil volume for attachments	Vmin	38	38	38	
8.4	Average noise level at operator's ear	dB (A)	64.8	64.8	69.6	
8.5	Towing coupling, type DIN		Ø32	Ø32	Ø32	



Think outside the box



Drive-in Drive Thru Pallet Racking



Modular Mezzanine Floor



Narrow Aisle Pallet Racking



LONG SPAN SHELVING RACK



Boltless Long Span Shelving Rack



Multi Tier Long Span Shelving Rack



Cantilever Racking



M.S Powder Coated Cupboard



Rivet Shelving Rack



Mobile Shelving Rack, Compactor



M.S Powder Coated Lockers



Electric Forklift

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