



Forklift

NEW ENERGY FORKLIFT LEADER ELECTRIC COUNTERBALANCE FORKLIFT



Smart Safe Productive Economical

NEX Series 3.8-4.0T

- NO.1 " Blade Battery enables high energy density, superior safety and extended cycle life.
- NO.2 " The battery features a standard PTC heating system with an IP65 protection rating.
- NO.3 " The permanent magnet synchronous system boosts efficiency by 10%-15%.
- NO.4 " Lift Height reaches 3.7m with a stability safety factor of 2.2.
- NO.5 " The reinforced frame, IC drive axle housing and tires strengthen overall durability.
- NO.6 " High-strength steel or thickened design in key areas enhances structural integrity.
- NO.7 " Comfort configurations include 7- inch color LED display, semi-wrap seat and more.
- NO.8 " Tool-free hydraulic tank cover and open dashboard allows faster and easier maintenance.



BYD Forklift
Official Account

📍 BYD Industrial Park, Kuichong, Dapeng New District, Shenzhen City, Guangdong Province
🌐 <http://forklift.byd.com>

✉ bydforklift@byd.com
☎ 400-6298-666

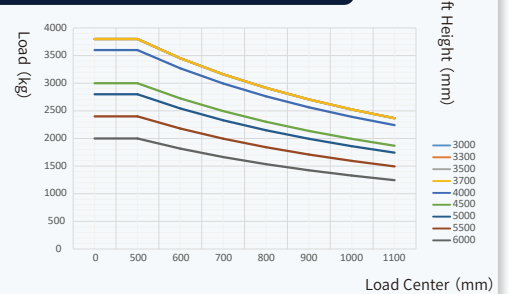
NEX Series 3.8-4.0T Light&Mid-Duty Electric Counterbalance Forklift

► Technical Parameters

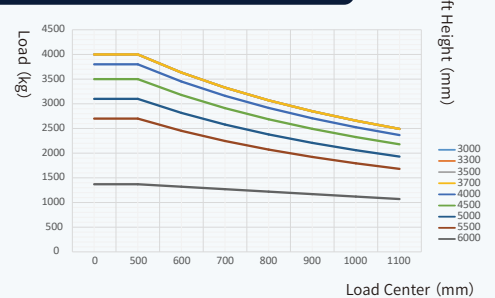
Model		NEX38	NEX40
Drive	/	Electric	Electric
Operation Type	/	Seat	Seat
Load Capacity	Q t	3800	4000
Load Center	c mm	500	500
Load distance, center of drive axle to fork	x mm	493	493
Wheelbase	y mm	1770	1800
Weight (Battery Included)	kg	4820	5080
Axle load, with load, front/rear	kg	7610/1010	8020/1060
Axle load, without load, front/rear	kg	1640/3180	1830/3250
Tire		Pneumatic	Pneumatic
Tire size, front	mm	28x9-15-14PR	250-15-16PR
Tire size, rear	mm	6.50-10-10PR	6.50-10-12PR
Wheel number, front/rear, x=drive wheels		2x/2	2x/2
Track width, front	b10 mm	1000	1024
Track width, rear	b11 mm	970	970
Tilt of mast, fork carriage forward/backward	α/β °	6/12	6/12
Height, mast lowered	h1 mm	2115	2115
Free lift	h2 mm	120	130
Lift height	h3 mm	3000	3000
Height, mast extended	h4 mm	4200	4200
guard height	h6 mm	2100	2110
Seat height from the ground	h7 mm	1128	1128
Coupling height	h10 mm	275	275
Overall length	l1 mm	3860	3890
Length to face of forks	l2 mm	2790	2820
Overall width	b1/b2 mm	1230	1295
Fork dimensions	s/e/l mm	50/125/1070	50/150/1070
A,B Fork carriage to ISO 2328, class/type A, B		3A	3A
Fork carriage width	b3 mm	1100	1270
Ground clearance, below mast	m1 mm	135	140
Ground clearance, center of wheelbase	m2 mm	155	155
Aisle width for pallets 1000x1200 crossways	Ast mm	4230	4330
Aisle width for pallets 800x1200 lengthways	Ast mm	4430	4530
Turning radius(outer)	Wa mm	2515	2560
Turning radius(inner)	b13 mm	355	315
Travel speed,with/without load	km/h	16/17	16/17
Lift speed,with/without load	mm/s	350/420	350/420
Lower speed,with/without load	mm/s	400/450	400/450
Max drawbar pull, S2=5min,with/without load	KN	13/9	16/11
Max gradeability,S2=5min,with/without load	%	16/18	16/18
Service brake		Mechanical/Electric	Mechanical/Electric
Drive motor rating,S2=60min	kw	17	20
Lift motor rating,S3=15%ED	kw	23	27
Battery voltage/capacity	V/Ah	80/270	80/420
Battery weight	kg	210	308
Battery dimensions: L/W/H	mm	930/500/537	695/500/687
Type of battery control		PM	PM
Operating pressure for attachments	bar	180	180
Sound level at the driver' s ear	dB(A)	≤75	≤75
Traction connection way		PIN	PIN

► Load Capacity

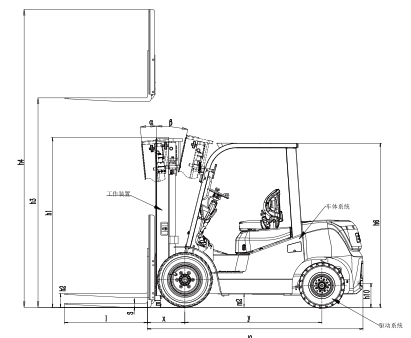
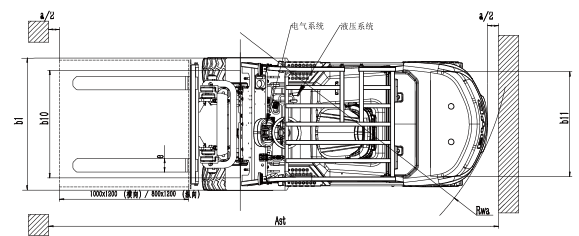
NEX Series 3.8t Load Capacity



NEX Series 4.0t Load Capacity



► Dimension Figure



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