



Forklift

NEW ENERGY FORKLIFT LEADER ELECTRIC COUNTERBALANCE FORKLIFT



Smart Safe Productive Economical

NEX Series 2.0-2.5T

- 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

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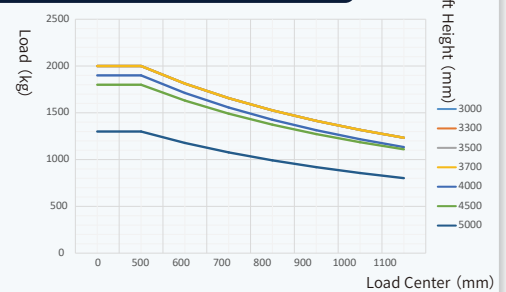
NEX Series 2.0-2.5T Light&Mid-Duty Electric Counterbalance Forklift

► Technical Parameters

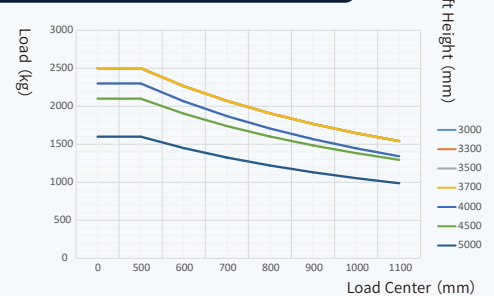
Model		NEX20	NEX25
Drive	/	Electric	Electric
Operation Type	/	Seat	Seat
Load Capacity	Q t	2000	2500
Load Center	c mm	500	500
Load distance, center of drive axle to fork	x mm	460	460
Wheelbase	y mm	1700	1700
Weight (Battery Included)	kg	3200	3470
Axle load, with load, front/rear	kg	4570/630	5290/680
Axle load, without load, front/rear	kg	1470/1730	1390/2080
Tire		Pneumatic	Pneumatic
Tire size, front	mm	7.00/12-12PR	7.00/12-12PR
Tire size, rear	mm	6.00-9-10PR	6.00-9-10PR
Wheel number, front/rear, x=drive wheels		2x/2	2x/2
Track width, front	b10 mm	975	975
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	2100	2100
Free lift	h2 mm	120	120
Lift height	h3 mm	3000	3000
Height, mast extended	h4 mm	4050	4050
guard height	h6 mm	2080	2080
Seat height from the ground	h7 mm	1100	1100
Coupling height	h10 mm	265	265
Overall length	l1 mm	3680	3680
Length to face of forks	l2 mm	2610	2610
Overall width	b1/b2 mm	1160	1160
Fork dimensions	s/e/l mm	40/125/920	40/125/1070
A,B Fork carriage to ISO 2328, class/type A, B		2A	2A
Fork carriage width	b3 mm	1040	1040
Ground clearance, below mast	m1 mm	115	115
Ground clearance, center of wheelbase	m2 mm	140	140
Aisle width for pallets 1000x1200 crossways	Ast mm	4100	4100
Aisle width for pallets 800x1200 lengthways	Ast mm	4300	4300
Turning radius(outer)	Wa mm	2380	2380
Turning radius(inner)	b13 mm	823	823
Travel speed,with/without load	km/h	16/17	16/17
Lift speed,with/without load	mm/s	400/450	400/450
Lower speed,with/without load	mm/s	400/450	400/450
Max drawbar pull, S2=5min,with/without load	KN	13/8	13/8
Max gradeability,S2=5min,with/without load	%	16/18	16/18
Service brake		Mechanical/Electric	Mechanical/Electric
Drive motor rating,S2=60min	kw	12	12
Lift motor rating,S3=15%ED	kw	15	15
Battery voltage/capacity	V/Ah	80/210	80/210
Battery weight	kg	150	150
Battery dimensions: L/W/H	mm	700/500/500	700/500/500
Type of battery control		PM	PM
Operating pressure for attachments	bar	160	160
Sound level at the driver' s ear	dB(A)	≤75	≤75
Traction connection way		PIN	PIN

► Load Capacity

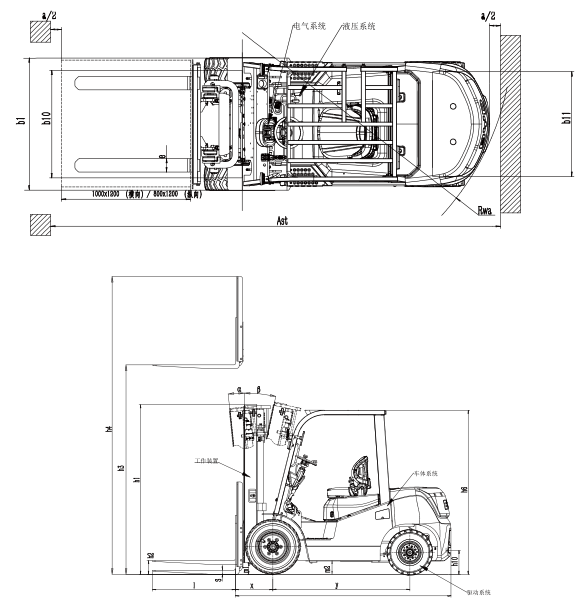
NEX Series 2.0t Load Capacity



NEX Series 2.5t Load Capacity



► Dimension Figure



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