

WE PROMISE | WE DELIVER

NOBLELIFT
CANADA 

CBT15-18

Stand-Up Counterbalance
Capacity 1500-1800KG/3300-4000lbs



Lithium
Battery

CAN-bus

CAN-bus



High
Performance



Easy
Maintenance



Highly Cost
Effective



CSA UL

Productive. Solid. Smart.

The CBT15-18 Lithium Stand-Up Counterbalance Forklift

Capacity:
1500-1800KG/3300-4000lbs

Built for indoor environments where frequent entry and exit is essential, the CBT15-18 delivers reliability, precision, and performance. Its compact design and excellent visibility make it ideal for tasks like loading trailers, operating in narrow aisles, and maneuvering through high-traffic warehouse areas. Powered by lithium and engineered for low maintenance, the CBT15 is your go-to solution for smooth operation and maximum productivity.



Highlights

- ✓ Lithium Battery (36V/560Ah)
- ✓ Dual Independent AC Drive Motors
- ✓ Curtis Intelligent Control System
- ✓ Large LED Display
- ✓ ZF GP25 German Gearbox
- ✓ Proportional Lift & Fork Tilt Leveling
- ✓ Speed Reduction in Turns
- ✓ Side Shifter

Exceptional Design, Unmatched Performance

Automatic speed reduction during turns enhances safety, stability, and operator comfort while minimizing the risk of product damage.



Zero
Turning
Radius



Enhanced Maneuverability and Precision Control

Dual independent AC drive motors with separate controllers enhance maneuverability for smooth and precise turning. Advanced AC drive and gearbox technology ensure accurate control and optimal travel speed.





The multi-functional handle provides precise control over key vehicle functions, including forward and backward travel speed, side shifting, and proportional lifting and lowering.



A single-button tilt control system enhances safety by restricting cargo tilt when the forks are raised.



The compact, ergonomic steering wheel with a knob ensures comfortable and effortless operation.



The backrest and hip pad are designed to contour the body, providing optimal comfort for the operator throughout the entire shift.



The adjustable armrest ensures maximum comfort for operators of all heights.



The floor suspension system adjusts to the operator's weight, reducing impact and vibration for a smoother ride.





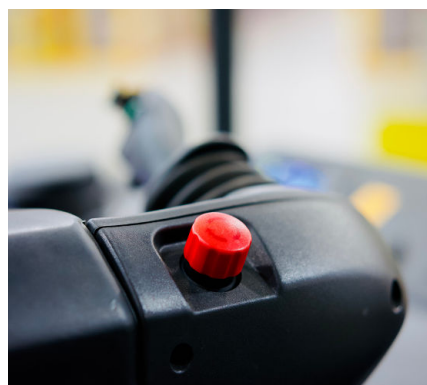
- ✓ The large LED screen provides easy access to vital information, displaying lifting weight, height, speed, power, steering, fault codes, alarms, and more.



- ✓ Equipped with LED headlights, safety blue light and a buzzer for safe driving.



- ✓ Dual-brake/presence pedal design protects the operator and the forklift.



- ✓ Emergency power button cuts off the power in emergency situations to protect the operator and the cargo.



The angled columns, overhead guard, and open-view mast provide operators with a clear line of sight to both the load and their surroundings, enhancing efficiency and improving overall safety.

NOBELIFT

BT
SERIES

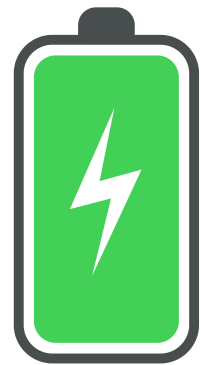


Advantages of Lithium-ion Power

Effortless Charging for Continuous Operation

The fast-charging, maintenance-free lithium battery reaches a full charge in just 2.5 hours. It supports opportunity charging during breaks and shift changes, enabling the truck to operate seamlessly through multi-shift schedules without the need for battery replacements.

- ✓ 36V/560Ah Lithium-iron battery has connection terminals with screws and is protected inside the steel case.
- ✓ 36V/200A Charger included standard.



Designed for Operator Comfort and Control

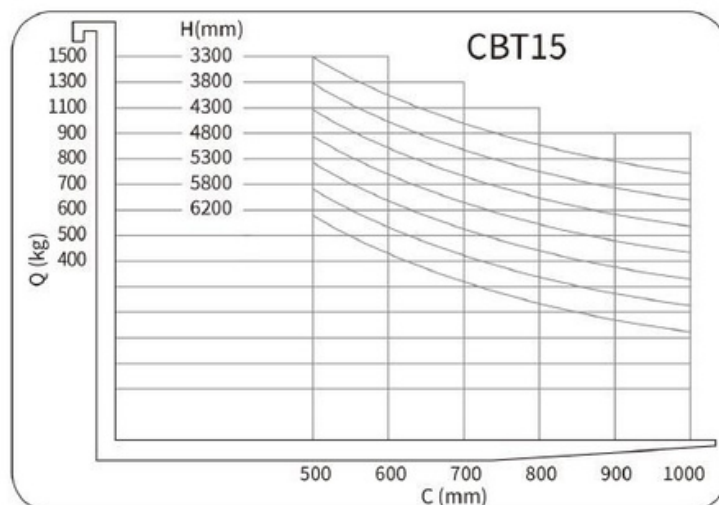
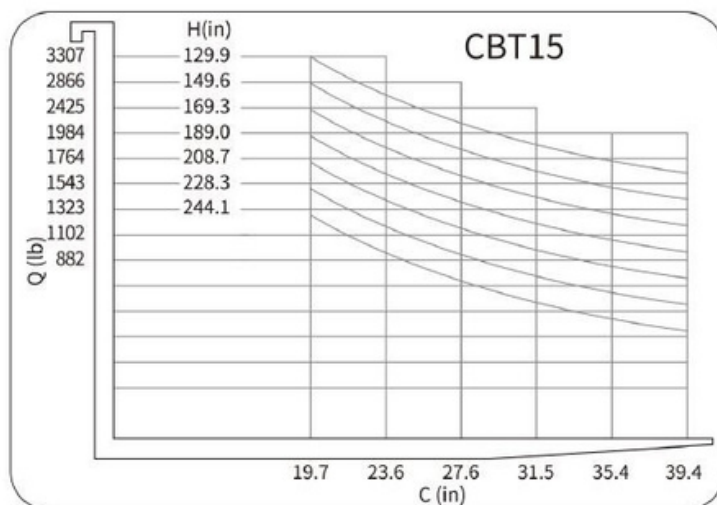
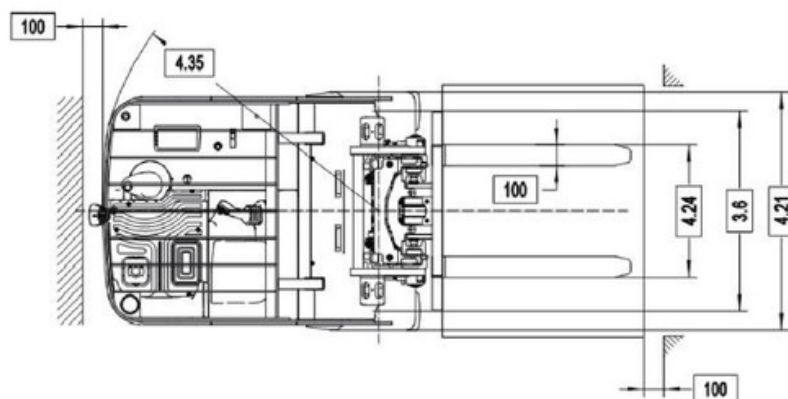
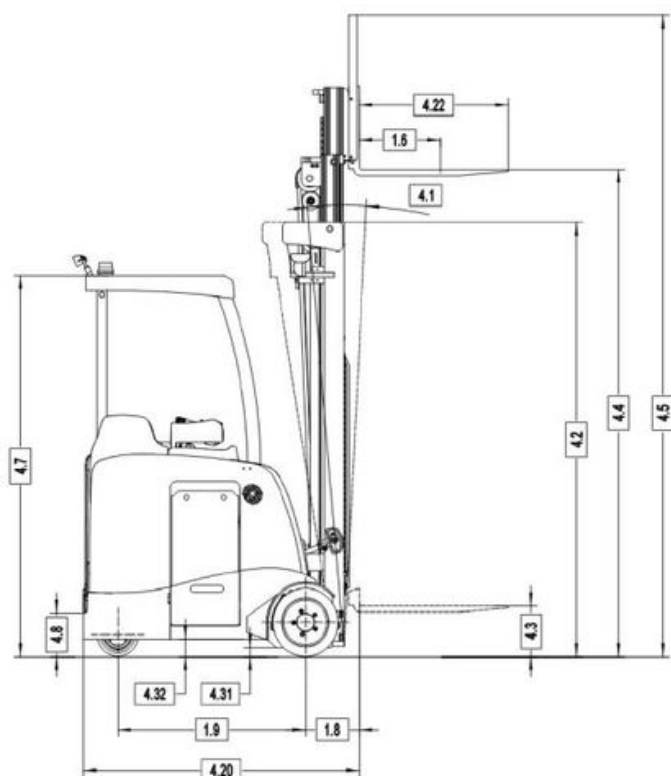
Noblelift utilizes lithium-ion phosphate batteries, known for their exceptional longevity and safety. These lithium-iron batteries feature a Battery Management System (BMS), a thermal management system, and an automotive-grade DC high-voltage control system.

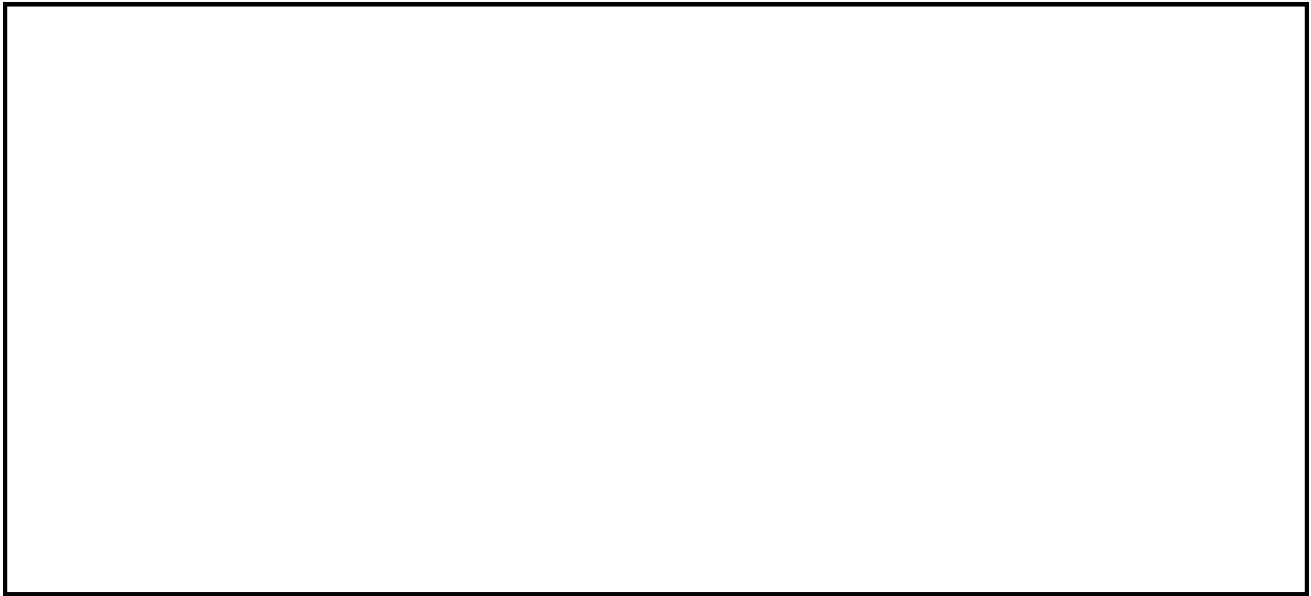


Identification				
1.1	Manufacturer		Noblelift	
1.2	Model		CBT15	CBT18
1.3	Drive		Electric	
1.4	Type of Operation		Stand	
1.5	Load capacity / rated load	Q lb(kg)	3300 (1500)	
1.6	Load center distance	c in(mm)	19.7 (500)	
1.8	Load distance	x in(mm)	13(330)	15(370)
1.9	Wheel base	y in(mm)	45.6 (1158)	49.8(1265)
Weights				
2.1	Service weight included battery (see line 6.5)	lb (kg)	9361 (4255)	10175 (4625)
2.2	Axle load with max battery, without load front	lb (kg)	5027 (2285)	5555 (2525)
2.3	Axle load with max battery, without load rear	lb (kg)	4334 (1970)	4620 (2100)
Wheels, Chassis				
3.1	Tires	in/mm	Press-fit Solid Tires	
3.2	Tire size, front	in/mm	Ø 406x178x267 (16x7x10.5)	
3.3	Tire size, rear	in/mm	Ø 254x127x165 (10x5x6.5)	
3.5	Wheels, number front / rear (x=driven wheels)		2x / 2	
3.6	Track width, front	b10 (in/mm)	37.5 (952)	
3.7	Track width, rear	b11 (in/mm)	6.7 (171)	
Basic Dimensions				
4.2	Lowered mast height	h1 (in/mm)	101.4 (2575)	
4.3	Free lift	h2 (in/mm)	65.2 (1655)	
4.4	Lift height	h3 (in/mm)	244.1 (6200)	
4.5	Extended mast height	h4 (in/mm)	280.2 (7116)	
4.7	Overhead guard height	h6 (in/mm)	89 (2260)	
4.8	Standing platform height	h7 (in/mm)	10.2 (260)	
4.20	Headlength	l2 (in/mm)	66.9 (1700)	75.2 (1910)
4.21	Overall width	b1 (in/mm)	44.5 (1130)	
4.22	Fork dimensions	s/e/l (in/mm)	1.4x3.9x36.2 (35x100x920)	
4.23	Fork carriage		2A	
4.24	Width across forks	b5 (in/mm)	7.9-33.9 (200-860)	
4.32	Ground clearance, center of wheelbase	m2 (in/mm)	3.9 (100)	
4.33	Aisle width of pallets 1000x1200L	Ast (in/mm)	120.5 (3060)	130 (3305)
4.34	Aisle width of pallets 800x1200L	Ast (in/mm)	125.4 (3185)	135 (3430)
4.35	Turning radius	Wa (in/mm)	55.4 (1406)	63.4 (1610)
Performance Data				
5.1	Travel speed w/ - Standard & with productivity pkg	mph / km/h	6.8 / 11	
5.2	Lift speed	m/s / fps	0.4/0.45 // 1.31/1.48	
5.3	Lower speed	m/s / fps	0.45/0.42 // 1.48 / 1.38	
5.10	Brakes (Service / Parking)		Foot-motor / Auto-Electric	
Electric				
6.1	Traction motor S2 60min	kW	2x5.5	
6.2	Lift motor rating at S3 7.5%	kW	11	
6.3	Max battery size	in/mm	16.1x38.6x30.9 (410x980x785)	
6.4	Battery voltage, Lead Acid 5h & Lithium 2h	V/Ah	Lead Acid -36 / 700 // Lithium - 38.4 / 560	
6.5	Battery weight	lb (kg)	1984 (900)	2508 (1104)
8.1	Controller type		AC	

Mast Table

Triple Mast			4000		4810		5260		5720		6200	
Height, mast lowered	h1	mm/in	1840	72.4	2110	83.1	2260	89	2415	95.1	2575	101.4
Free lift	h2	mm/in	920	36.2	1190	46.9	1340	52.8	1495	58.9	1655	65.2
Lift	h3	mm/in	4000	157.5	4810	189.4	5260	207.1	5720	225.2	6200	244.1
Height, mast extended	h4	mm/in	4916	193.5	5726	225.4	6176	243.1	6636	261.3	7116	280.2
Quad Mast			6000		6500		7000					
Height, mast lowered	h1	mm/in	2188	86.1	2303	90.7	2418	95.2				
Free lift	h2	mm/in	1260	49.6	1375	54.1	1490	58.7				
Lift	h3	mm/in	6000	236.2	6500	255.9	7000	275.6				
Height, mast extended	h4	mm/in	6911	272.1	7411	291.8	7911	311.5				





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