

LITHIUM

T66Q-T130Q

6,600 - 13,000 lbs. Tow Capacity
Sit-Down Tow Tractor



Why choose between price and quality **WHEN YOU CAN HAVE BOTH!**



HIGHLIGHTS

- ▶ American Curtis Controller with CAN-bus control
- ▶ 48V high performance AC drive motor
- ▶ Lithium battery: 48V/300Ah
- ▶ Fast charging 2.5 hours
- ▶ AC Power with aviation plug
- ▶ Compact design:
T66Q L 73.6", W 39.2", H 62"
T130Q L 79.5", W 39.2", H 62"
- ▶ Small turning radius:
T66Q 62.6"
T130Q 66.1"
- ▶ Multi-function instrument display: battery status, travel speed, fault codes, etc.
- ▶ Pin code panel
- ▶ On-board self-diagnostics
- ▶ Shock absorption design
- ▶ Operator presence sensing system (OPS)
- ▶ Safety Blue light, LED headlights, and strobe

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The T66Q-T130Q Sit-down Lithium Tow Tractors are highly efficient, cost effective and low maintenance. They are designed to smoothly transport the heaviest loads horizontally throughout a facility by towing multiple carts, trailers or dollies. Suitable for narrow-area operation, tow tractors are a great solution for order picking and item handling. Applications can include manufacturing, warehouses, distribution, airports, stations and more. Increase your work productivity with these highly maneuverable, multi-shift tow tractors.

COMPACT AND POWERFUL TOW TRACTORS



SUPERIOR DESIGN. RELIABLE. SAFE.



Dual rearview mirrors provide clear visibility while driving. Steering wheel design reduces operator steering force, alleviating driver fatigue.



Spacious driving area and rubber pedals ensure operator comfort throughout the entire work shift.



The adjustable seat is equipped with an Operator Presence System (OPS) that will stop the vehicle automatically when operator is not in seat.



Automotive-style levers provide easy and intuitive operating controls.



Standard multifunction instrument panel displays battery status, travel speed, fault code and more.



USB connector for charging and powering of additional devices during operations. Pin code panel prevents unauthorized use.



Travel speed: T66Q 8.7mph unloaded, 5mph loaded. T130Q 8.7mph unloaded, 4.3mph loaded.



Shock-absorption design on both axes provides smooth and comfortable driving.



Small Turning Radius allows the operator to easily maneuver even when space is limited.



Reinforced traction couplers with three adjustable heights ensure reliable connection to various trailers.



Coasting buttons give convenience to connect with trailer.



Highly efficient AC drive motor and large capacity battery meets the demand of long operating times.



Equipped with solid rubber tires. Lifting points clearly marked for transporting vehicle.



Easily check condition and troubleshoot with Curtis controller and CAN-bus technology.



Combination lights provide superior illumination coupled with steering indicator lights.



Equipped with a safety blue light that activates automatically for added safety.



Warning light flashes while operating the vehicle to alert pedestrians and other operators within the vicinity.



Emergency Stop Button immediately stops vehicle to prevent injuries and material loss.

LONG LASTING AND SAFE LITHIUM-IRON POWER

NOBLELIFT uses Lithium-Iron Phosphate batteries, the longest lasting and safest lithium battery available. Our lithium-iron batteries are equipped with a Battery Management System (BMS), thermal management system, and an automotive-grade DC high-voltage control system. BMS manages charging and discharging data to ensure safety throughout its life cycle.



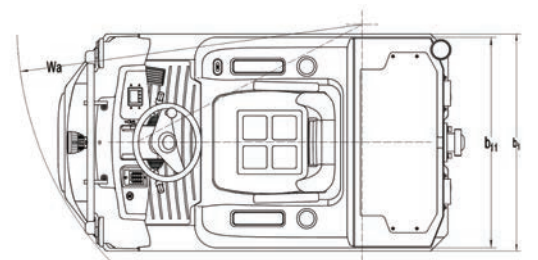
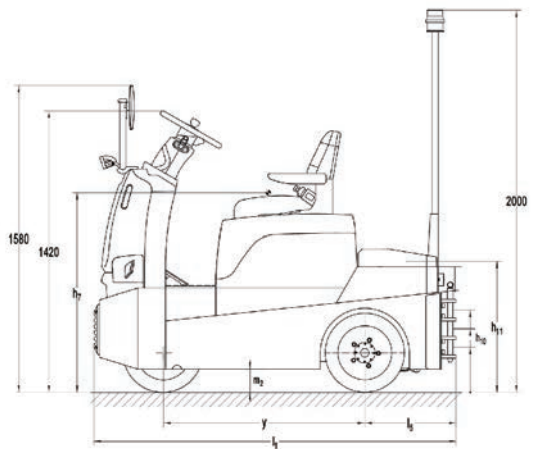
T66Q-T130Q Tow Tractors have a 3 year or 6,000 hours warranty on the lithium-Iron battery.

ADVANTAGES OF LITHIUM POWER

LITHIUM BATTERY ADVANTAGES

Lead-Acid Battery		Lithium Battery
Lower fleet availability - Work is interrupted because battery needs to be fully charged before next use	Productivity - Memory Effect 	100% Fleet availability - Opportunity charging allows battery to be charged in between use
Periodic battery replacement	Service Life 	Batteries last 3 times longer and do not need to be replaced
Outsourced or in-house maintenance personnel required	Ongoing Maintenance 	No maintenance cost
8-10 Hours - 2 or more batteries per lift truck	Charge Duration 	2.5 Hours - 1 Battery per lift truck
Build an expensive battery room with ventilation	Battery Room 	No battery room needed
Releases hydrogen while charging - Can result in explosion - Acid burns can happen during maintenance	Dangerous Substances 	No dangerous substances
Power loss	Power Savings 	No power loss - Reduces energy consumption by 35%

Fast-charging maintenance-free Lithium battery is fully charged in 2.5 hours. Battery can be opportunity charged during user breaks and during shift changes which allows the truck to run continuously through multi-shift operations. No battery changes are necessary.



Identification				
1.2	Model		T66Q	T130Q
1.3	Drive (electric – battery or mains, diesel, petrol, gas, manual)		Electric	Electric
1.4	Type of operation (hand, pedestrian, standing, seated, order picker)		Sit Down	Sit Down
1.5	Tow capacity / rated load	Q (lb)	6,600	13,000
1.7	Rated drawbar pull	lbf	168.6	337.2
1.9	Wheelbase	y (in)	40.9	45.3
Weights				
2.1	Service weight	lb	2,381	2,745
2.3	Axle loading, unladen front / rear	lb	970 / 1,411	1,091 / 1,653
Wheels, Chassis				
3.1	Tires (solid rubber, superelastic, pneumatic, polyurethane)		Solid rubber	Solid rubber
3.2	Tire size, front		4.00-8	4.00-8
3.3	Tire size, rear		4.00-8	4.00-8
3.5	Wheels, number front / rear (x = driven wheels)		1 / 2x	1 / 2x
3.6	Track width, front	b ₁₀ (in)	0	0
3.7	Track width, rear	b ₁₁ (in)	34.6	34.6
Basic Dimensions				
4.8	Seat height	h ₇ (in)	38.6	38.6
4.12	Coupling height	h ₁₀ (in)	9 / 13 / 16.5	9 / 13 / 16.5
4.13	Loading height, unladen	h ₁₁ (in)	26.8	26.8
4.19	Overall length	l ₁ (in)	73.6	79.5
4.21	Overall width	bl (in)	39.2	39.2
4.32	Ground clearance, center of wheelbase	m ₂ (in)	4.7	4.7
4.35	Turning radius	Wa (in)	62.6	66.1
Performance Data				
5.1	Travel speed, laden / unladen	mph	5 / 8.7	4.3 / 8.7
5.5	Drawbar pull	lbf	168.6	337.2
5.6	Max drawbar pull	lbf	674.4	1,348.9
5.8	Max. gradeability, laden / unladen	%	6 / 15	6 / 15
5.10	Service brake		Hydraulic / Electric	Hydraulic / Electric
E-Motor				
6.1	Drive motor rating S2 60 min	HP	6.7	8
6.3	Battery standard		Lithium-iron phosphate	Lithium-iron phosphate
6.4	Battery voltage, nominal capacity K5	V/Ah	48/300	48/300
6.5	Battery weight	lb	924 ±5%	924 ±5%
Other Details				
8.1	Type of drive control		AC - Speed Control	AC - Speed Control
8.4	Sound level at driver's ear according to EN 12 053	dB(A)	<70	<70