



## THE NEWTON™

The Smith Newton is the world's largest all-electric commercial vehicle, designed for a wide range of on-base applications including food and parcel delivery, maintenance, aerial lift, moving personnel and troop transport. Smith has more than 80 years of commercial experience and its proprietary Smith Drive™, Power™ and Link™ technologies deliver market-leading range, performance and reliability. Smith vehicles have minimal annual maintenance, can haul up to 16,000 lbs. of cargo, and have a range of up to 150 miles on a single charge.

**HUGE PAYLOADS**  
**100% ELECTRIC**  
**GSA AVAILABILITY**

**ANNUAL OPERATING COSTS ONE-HALF TO ONE-THIRD OF DIESEL**

**HIGH PERFORMANCE RELIABILITY**

**ZERO EMISSIONS**

# THE NEWTON™

## AVAILABLE CONFIGURATIONS

- Box
- Aerial Lift
- Stake / Flat Bed
- Utility / Maintenance
- Refrigerated Box
- Shuttle Bus
- Weapons Reset



Box Configuration



Utility/Maintenance Configuration



Stake Bed Configuration

## TECHNICAL SPECIFICATIONS

**MOTOR:** 180bhp[134kW] Peak, 480 lb-ft [650 Nm] Peak, Brushless Permanent Magnet

**CONTROLLER:** Vector Controlled A/C System with Regenerative Breaking

**BATTERIES:** Lithium-Ion [Iron Phosphate] 40kWh, 60kWh, 80kWh, 100kWh, 120kWh

**CHARGER:** On-Board, Fully Automatic

**CAB:** All steel, two door with hydraulic tilt, and shock absorbing latching, zinc coated panels with wax filled cavities and thermal insulation

**INTERIOR:** Air suspended driver's seat, dual passenger seat, Kenwood stereo CD, EV drivers information center, heated mirrors

**STEERING:** Hydraulic power assisted steering monoblock

**SUSPENSION:** Front & rear parabolic springs with transverse torsion bar stabilizer, hydraulic double acting shock absorbers

**BRAKES:** Dual circuit, 4 wheel disc air brake system with WABCO ABS, air dryer, parking brake, fail safe spring operated park brake to rear axle

**BRAKING:** 2 stage regenerative braking puts energy back into the battery during coasting & braking

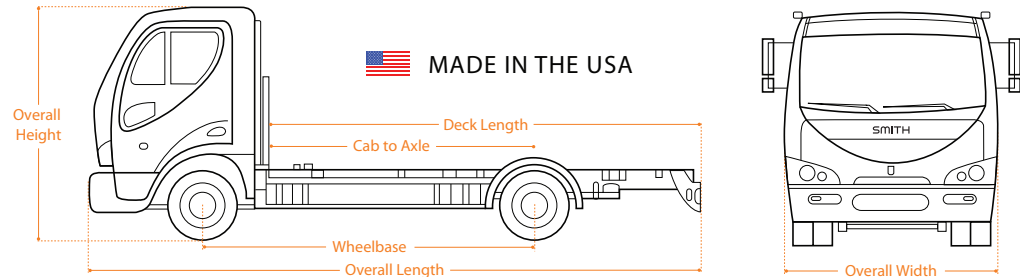
**FRAME:** Ladder type cold riveted and bolted with U-section side members and open profile steel cross members

**WHEELS:** 17.5 x 6.00 (16,500 - 22,000)  
19.5 x 6.75 (26,400)

**TIRES:** 225/75R 17.5 (16,500 - 22,000)  
245/70R 19.5 (26,400)

**WARRANTY:** 36 months chassis & drive train, 60 months on hv battery (3 years free replacement & 2 years prorated)

**SERVICE & TRAINING:** Fully supported training & Platinum Service Model



**SMITH™**

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GVW (LBS)	CHASSIS CURB WEIGHT (LBS)	PAYLOAD (LBS)*	OVERALL LENGTH (IN)	OVERALL HEIGHT (IN)	OVERALL WIDTH (IN)	WHEELBASE (IN)	DECK LENGTH (IN)	CAB TO AXLE (IN)
16,500	9,392	7,121	268	94 - 98	87	154	191	126
	9,412	7,101	307				231	149
	9,328	7,172	346				270	173
22,000	9,700	12,324	268	94 - 99	87	154	191	126
	9,678	12,346	307				231	149
	9,824	12,200	346				270	173
26,000	9,771	16,663	266	94 - 99	87	154	189	126
	9,881	16,552	305				229	149
	10,121	16,312	344				268	173
	10,200	16,200	368				292	193

\*Payload calculated for cab and chassis. Payload will vary according to vehicle configuration.

Values based on 80kwh model (specifications subject to change)