

# ALL ELECTRIC

PRESENTED BY BEN STONE

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**CURBTENDER**

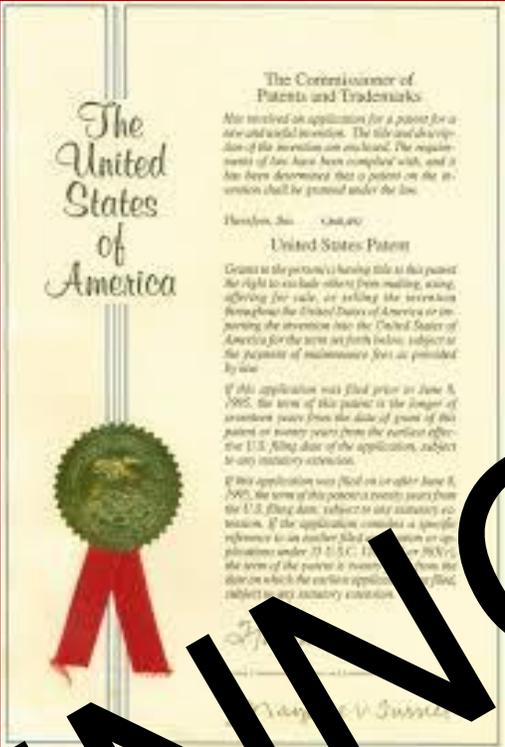


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**WHAT DOES IT TAKE  
TO SAVE THE PLANET?**

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# Who is Curbtender?



ALL ELECTRIC FLEET





When was the first electric car available to the public?



## William Morrison

Des Moines, IA

Inventor of the Morrison  
Electric Automobile

1887

# WHAT'S THE HOLDUP?

RANGE

WEIGHT

EXPENSE

ALL ELECTRIC FLEET

**CURBTENDER**



# INTEGRATED DESIGN

- Reduced Power Consumption
- Purpose-Built Chassis
- Haz-Mat Containment
- Purpose-Built Lightweight Bodies

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ALL ELECTRIC FLEET

**CURBTENDER**



## 8R

- BATTERY WARRANTY
- FIVE YEAR/150,000 MI WARRANTY
- TIME TO FULL CHARGE : 2 ½ HRS
- BATTERY CAPACITY: 188 kw HRS
- AVG RANGE: 85 MI BASED ON 750 ARM CYCLES



## 6R

- BATTERY WARRANTY
- FIVE YEAR/ 150,000 MI WARRANTY
- TIME TO FULL CHARGE: 4 HRS
- BATTERY CAPACITY: 148 kw HRS
- AVG RANGE: 129 MI BASED ON 300 PACK CYCLES



## THREE CYLINDER BODY DESIGN

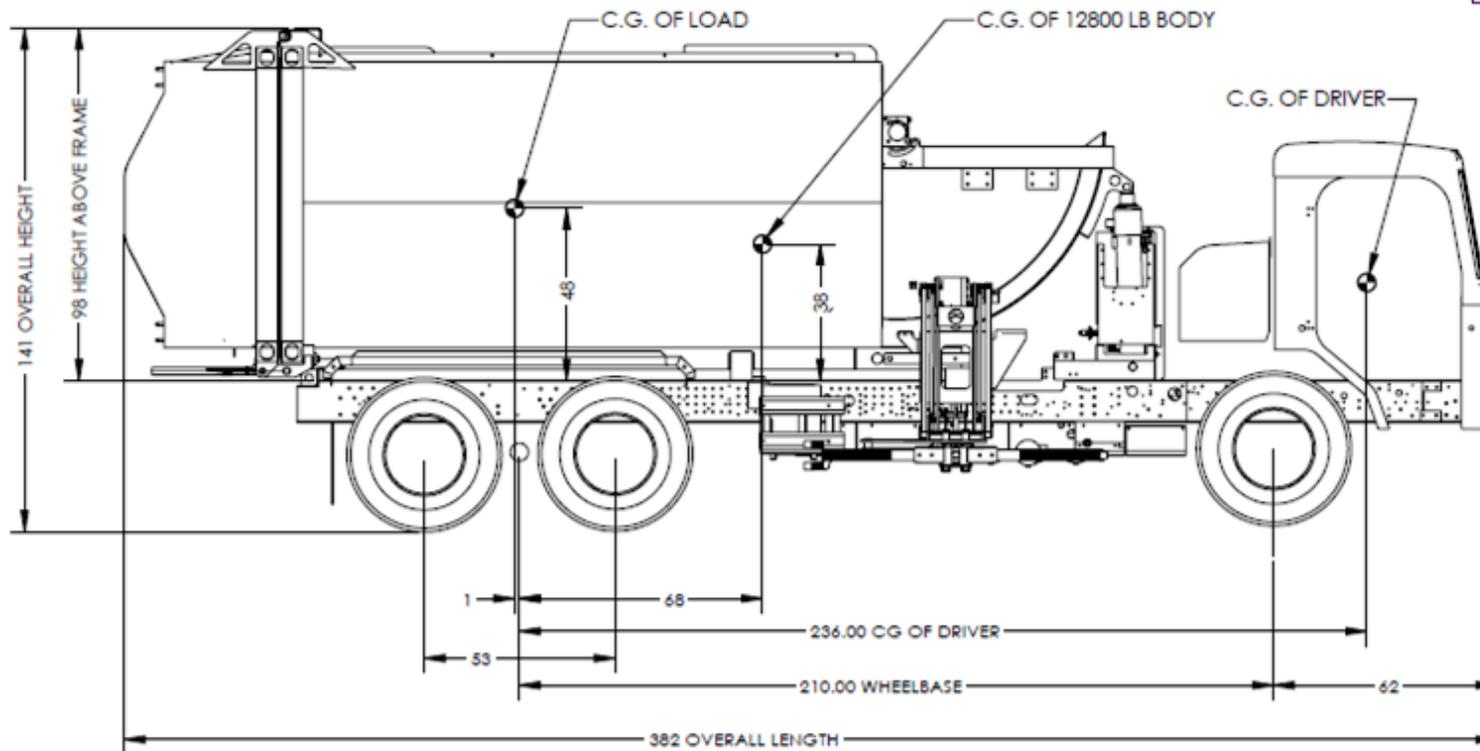
- ONE SINGLE-STAGE PACK CYLINDER
- ONE SINGLE-STAGE TAILGATE CYLINDER
- ONE BODY LIFT CYLINDER

# XTENDER ARM



- 145” Arm Reach
- 450 lbs. Lift capacity
- 8 Second Cycle time
- Rotary Lift Cylinder
- Inner Arm is 3/16 100K steel.
- Designed to minimize deflection

# NEARLY 11-TON PAYLOAD



- Bare Chassis Weight 21,000 lbs
- Body Weight 12,800 lbs
- Available payload 21,971 lbs

# HAZMAT CURTAILMENT

- Channel on roof of body
- Non-toxic iron phosphate batteries
- Drip Pans under arm hoses and hydraulic tank
- Only 40 gallon Hydraulic tank
- Body has 40% fewer hydraulic functions
- Fully sealed tailgate



A SIMPLE FACT:

**THE BYD/CURBTENDER  
ELECTRIC HAMMERPAK WILL  
BE ABOUT TWICE AS MUCH UP  
FRONT AS A SIMILAR DIESEL  
TRUCK.**

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ALL ELECTRIC FLEET

**CURBTENDER**



\$1.12 per Liter  
\$336 per Daily Fill-up  
\$87,360 Annual Fuel Cost



\$.78 per Liter  
\$265 per Daily Fill-up  
\$68,900 Annual Fuel Cost



\$.12 per kWh  
\$22.52 per Daily Fill-up  
\$5,865

\*Based on 75 gallon diesel tank, 90 DGE CNG tank, and 188 kWh battery capacity at average BC market price.

# Dollars and Common Sense

- DEF/DPF
- Engine Service
- CNG Fueling Stations
- CARB Tax
- Transmission Maintenance
- Over Height CNG Tanks
- Performance Concerns from Lack of Torque
- Noise Pollution



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