



CUSHMAN

MODEL: HAULER 800
TYPE: ELECTRIC 48V POWERED TRUCK
MODEL YEAR: 2017
Part No: 618840



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

TrueCourse Technology: Programmable to any golf course terrain, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Programmable regenerative braking, acceleration and speed
- Six, 8 Volt Deep Cycle Batteries
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Handheld vehicle diagnostics and rounds tracking

Battery Charger: 48 Volt DC high frequency, fully line compensating. 10ft (3m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- Input: 120 Volts AC, 50/60Hz, 8 amps
- Output: 48 Volts DC at 13 amps

Motor: 48 Volt DC shunt wound, brazed armature, solid copper windings

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 48 Volt DC, six, 8 volt deep cycle batteries (110 minute minimum, 160 amp-hour @ 20 hr. discharge rate)

Transaxle: Differential with helical gears

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

Cargo Bed: Roto-molded cross-linked polyethylene. Lifts for access to powertrain. Removable hinged multi-position tailgate requires no latch mechanism

PRODUCT OVERVIEW

| Dimensions | |
|------------------------------|--|
| Overall Length | 107 in (272 cm) |
| Overall Width | 49.5 in (128 cm) |
| Overall Height (No Canopy) | 46.5 in (118 cm) (Top of steering wheel) |
| Overall Height (With Canopy) | 70.0 in (178 cm) |
| Wheel Base | 65.5 in (166 cm) |
| Front Wheel Track | 37.0 in (94 cm) |
| Rear Wheel Track | 38.0 in (97 cm) |
| Gnd Clearance @ Differential | 4.3 in (11 cm) |
| Cargo Box Width (inside) | 44.5 in (113 cm) |
| Cargo Box Length (inside) | 30.5 in (77 cm) |
| Cargo Box Depth (inside) | 7.5 in (19 cm) |
| Cargo Box Capacity | 5.9 cu ft (0.17 m3) |
| Cargo Box material | Roto-molded polyethylene |

| Performance | |
|------------------------------|-------------------------------------|
| Seating Capacity | 2 Person |
| Dry Weight | 747 lb (339 kg) (Without Batteries) |
| Curb Weight | 1,112 lb (504 kg) |
| Bed Load Capacity | 500 lb (226 kg) |
| Vehicle load capacity | 800 lb (360 kg) |
| Outside Clearance Circle | 18.9 ft (5.76 m) |
| Intersecting Aisle Clearance | N/A |
| Speed (Level Ground) | 10.2-14.8 mph (16.4-23.8 kph) |
| Towing Capacity | 475 lb (215 kg) max load |

| Vehicle Power | |
|-----------------------|--|
| Motor Type | 48 VDC, Shunt Wound |
| Horsepower (kW) | 3.0 HP (2.2kW) Continuous |
| Electrical System | 48 Volt |
| Batteries (Qty, Type) | Six, 8 Volt Deep Cycle |
| Key or Pedal Start | Pedal Start |
| Battery Charger | 48 Volt DC, 120 VAC input, UL/CSA |
| Speed Controller | 250 Amp Solid State Controller |
| Drive Train | Motor Shaft Direct Drive |
| Transaxle and Ratio | Differential with helical gears, 12.44:1 Ratio |
| Gear Selection | Forward-Neutral-Reverse Dash Mounted Switch |

| Steering & Suspension | |
|-----------------------|---|
| Steering | Self-compensating rack and pinion |
| Front Suspension | Leaf springs with hydraulic shock absorbers |
| Rear Suspension | Leaf springs with hydraulic shock absorbers |
| Service Brake | Rear wheel mechanical self-adjusting drum |
| Parking Brake | Self-compensating, single point engagement |
| Front Tires | Links 18 x 8.50 - 8 (4 Ply Rated) |
| Rear Tires | Turf Saver 18 x 8.50 - 8 (Load Range B) |

| Body & Chassis | |
|---------------------|---|
| Frame | Welded steel with DuraShield™ powder coat |
| Front Body & Finish | Injection molded TPO, Painted |
| Rear Body & Finish | Steel. Polyester Powder coat |
| Standard Color | Forest Green |

Some items shown may be optional equipment



CUSHMAN

OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

| Item | Std | Opt | Fld |
|---|-----|-----|-----|
| TIRES & WHEELS: | | | |
| Front: | | | |
| Links 18 x 8.50 - 8 (4 Ply Rated) | X | | |
| USA Trail 18 x 8.50 - 8 (Load Range C) | | X | |
| Turf Saver 18 x 8.50 - 8 (Load Range B) | | X | |

| | | | |
|---|---|---|--|
| Rear: | | | |
| Turf Saver 18 x 8.50 - 8 (Load Range B) | X | | |
| USA Trail 18 x 8.50 - 8 (Load Range C) | | X | |
| Links 18 x 8.50 - 8 (4 Ply Rated) | | X | |

| | | | |
|-----------------------|--|---|--|
| Wheel Covers: | | | |
| Spoke, Black & Gold | | X | |
| Spoke, Black & Silver | | X | |

| | | | |
|---------------------------|---|---|--|
| COLORS: | | | |
| Body Color - Forest Green | X | | |
| Body Color - Ivory | | X | |
| Body Color - Bright White | | X | |
| Body Color - Patriot Blue | | X | |
| Body Color - Orange | | X | |

| | | | |
|---------------------|---|---|--|
| Seating: | | | |
| Seat Color - Grey | X | | |
| Seat Color - Oyster | | X | |
| Seat Color - White | | X | |

| | | | |
|---|---|---|--|
| OTHER PERFORMANCE: | | | |
| Front Bumper & Fascia - Black | X | | |
| Ash Tray | | X | |
| Differential Guard | | X | |
| Front Hydraulic Disc Brakes | | X | |
| Glove Box Door (Locking) Driver Side | | X | |
| Glove Box Door (Locking) Passenger Side | | X | |
| Fender Flares (International) | | X | |

| | | | |
|---|---|---|--|
| ELECTRICAL: | | | |
| Battery Chargers and Batteries: | | | |
| 48VDC 10 ft (3.0 m) DC Cord | X | | |
| 48VDC 18 ft (5.5 m) DC Cord | | X | |
| World Charger 48VDC 10 ft (3.0 m) DC Cord | | X | |
| World Charger 48VDC 18 ft (5.5 m) DC Cord | | X | |
| T8V Battery | X | | |
| T8V Battery w/Battery Fill System | | X | |
| T890 Battery (HD) | | X | |
| T890 Battery (HD) w/Battery Fill System | | X | |

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|----------------------------------|---|---|--|
| Lighting Package: | | | |
| Headlights | X | | |
| Headlights & Taillights | | X | |
| Turn Signals with 4-Way Flashers | | X | |

| Item | Std | Opt | Fld |
|------------------------------|-----|-----|-----|
| Electrical Other | | | |
| DC Converter | X | | |
| Horn | X | | |
| State of Charge Meter | X | | |
| Hour Meter | | X | |
| Unique Individual Key Switch | | X | |

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| HAULING & TOWING: | | | |
| 36" Poly Bed w/Manual Dump | X | | |
| 36" Poly Bed w/Elec Dump | | X | |
| 2 in (5 cm) Receiver (Rear) | | X | |
| 1 7/8 in (48 mm) Ball (Rcvr Req'd) | | X | |
| 1 7/8 in (48 mm) Ball, Drop (Rcvr Req'd) | | X | |
| Angle (Rcvr Req'd) | | X | |
| Angle, Drop (Rcvr Req'd) | | X | |
| Clevis (Rcvr Req'd) | | X | |
| Clevis, Drop (Rcvr Req'd) | | X | |

| | | | |
|---------------------------|--|---|--|
| TRANSAXLE: | | | |
| Limited Slip Differential | | X | |

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|---|--|--|---|
| WEATHER PROTECTION: | | | |
| Sun Canopy (Top) Black | | | X |
| Windshield Fold Down | | | X |
| Weather Enclosure, (3 Side, Top & Windshield Req'd) | | | X |
| Windshield Flat | | | X |

| | | | |
|--|--|--|---|
| VEHICLE CAB: | | | |
| Steel Cab without doors (Tan): | | | X |
| Steel Cab without doors (White): | | | X |
| Doors (Steel) Tan (Cab Required) | | | X |
| Doors (Steel) White (Cab Required) | | | X |
| Defroster/Cooling Fab | | | X |
| Beacon, Amber (Cab Required) | | | X |
| Defroster/Fan (Cab Required) | | | X |
| Canopy Grab Handle | | | X |
| Doors (Vinyl), Tan (Cab Required) | | | X |
| Doors (Vinyl), White (Cab Required) | | | X |
| Strobe Light (Cab Required) | | | X |
| Switch Panel & Fuse kit (Cab Required) | | | X |
| Windshield Wiper (Cab Required) | | | X |
| Work Light (Cab Required) | | | X |