



CUSHMAN

MODEL: REFRESHER® OASIS PRO
TYPE: ELECTRIC 72V POWERED REFRESHMENT VEHICLE
MODEL YEAR: 2018
Option Part No: 654411 & Base Hauler Pro w/ Bed 651395



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Refresher Unit Overview: Refresher unit designed for inventory of unopened, pre-packaged, non-perishable foods for distribution through daily use.

Each Refresher Unit Consist Of: Windshield with Frame; Struts and Canopy; Side Mirrors, left and right; Beverage tank with built-in dividers; 4 locking lids in white countertop with hold open brackets; Drain valve; Extended countertop at rear of deck with trash/recycle storage with lid and hold open bracket, 2 plastic removeable bins (1 blue, 1 green).

- Solid State continuously variable AC speed controller
● Seatwrap mounted direction selector switch (Forward-Neutral-Reverse)
● Anti-roll back, walkaway braking and alarm
● Anti-stall motor protection
● Regenerative 'Pedal Down' and/or 'Pedal Up' braking
● Full torque, reduced speed reverse
● Inductive throttle sensor
● Diagnostic indicator
● Factory programmable to application

Battery Charger: 900 Watt, 72 VDC, 120/230 VAC 50/60 Hz. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)
Motor: 72 Volt AC Induction, solid copper windings. Non vented 22.4 hp (16.7 kW) Peak.
Drive Train: Direct motor shaft connected to transaxle pinion shaft
Electrical System: 72 Volt DC, nine, 8 volt deep cycle storage batteries (78 minutes @ 75 Amps, 170 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.
Beverage Unit: 5000 Series Aluminum, Super Durable TGIC Polyester Powder Coating

Beverage Unit Storage Capacity:

- Beverage Bin: Four divided compartments, capacity 500 cans
● Merchandising Capacity: 6.7 cu ft (0.189 cu m)
● Trash Bin Volume: 3.4 cu ft (0.96 cu m)
● Work Space: 12.1 sq ft (1.12 sq m)

PRODUCT OVERVIEW

Dimensions

Table with 2 columns: Dimension, Value. Includes Overall Length, Overall Width, Overall Height (No Canopy), Overall Height (With Canopy), Wheel Base, Front Wheel Track, Rear Wheel Track, Gnd Clearance @ Differential.

Vehicle Power

Table with 2 columns: Component, Specification. Includes Power Source, Motor Type, Horsepower (kW), Electrical System, Batteries (Qty, Type), Key or Pedal Start, Battery Charger, Speed Controller, Drive Train, Transaxle, Gear Selection, Rear Axle Ratio.

Performance

Table with 2 columns: Performance Metric, Value. Includes Seating Capacity, Dry Weight, Curb Weight, Vehicle load capacity, Outside Clearance Circle, Intersecting Aisle Clearance, Speed (Level Ground), Towing Capacity.

Steering & Suspension

Table with 2 columns: Component, Specification. Includes Steering, Front Suspension, Rear Suspension, Service Brake, Parking Brake, Front Tires, Rear Tires.

Body & Chassis

Table with 2 columns: Component, Specification. Includes Frame, Front Body & Finish, Rear Body & Finish, Standard Color.

Noise & Vibration

Table with 2 columns: Metric, Value. Includes Noise, Vibration, WBV, Vibration, HAV.

Measurement methods were applied per the ISO 2631 and ISO 5349 standards under conditions of typical vehicle surfaces.

Some items shown may be optional equipment



OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
IMPROVED SURFACE TIRES:			
Loadstar 18.5 x 8.5 - 8 (8 Ply), Black Wheel	X		
Loadstar 20.5 x 8 - 10 (6 Ply), Black Wheel		X	
TURF TIRES:			
K500 18 x 8.5 - 8 (6 Ply), Black Wheel		X	
K500 20 x 8 - 10 (6 Ply), Black Wheel		X	
WHEEL COVERS:			
8" Black & Gold (Set of 4)		X	
8" Black & Silver (Set of 4)		X	
10" Silver Wheelcover (Set of 4)		X	
COWL COLORS:			
Forest Green	X		
Patriot Blue, Ivory, Bright White, Flame Red & Black		X	
Almond, Matte Black, Safety Yellow & Metallic Charcoal		X	
SIDE DECAL COLORS:			
Matte Black	X		
Forest Green, Patriot Blue, Ivory, Bright White,		X	
Flame Red & Black		X	
SEAT COLORS:			
Gray	X		
Tan		X	
VEHICLE ENHANCEMENTS:			
2 Wheel Mechanical Brakes	X		
4 Wheel Mechanical Brakes		X	
4 Wheel Hydraulic Brakes		X	
Differential (Scuff) Guard		X	
Limited Slip Differential		X	
Fender Flare - Large		X	
Frame - E-Shield Enhanced Coating	X		
Brush Guard	X		
CE Kit		X	
Comfort Grip Steering Wheel		X	
Scorecard Holder		X	
Glove Box Locking Door		X	
Glove Box Shelf		X	

Item	Std	Opt	Fld
WEATHER PROTECTION:			
Windshield Flat with Side Mirrors (left & right)	X		
SUN CANOPY COLORS:			
Slate (With Pebble Platinum Unit)	X		
Walnut Brown Tweed (With Desert Stone Unit)			
Clinton Granite, Classic Regimen, Motive Denim,			X
Forest Green Beige & Ginza Onyx			X
Tresco Birch & Walnut Brown Tweed			X
Custom Canopy Colors			X
REFRESHER UNIT COLORS:			
Graphite Gray	X		
Custom Refresher Unit Colors			X
REFRESHER COUNTER TOP:			
White	X		
REFRESHER ACCESSORIES:			
Airpots (2, 3-liter airpots mounted on the dry goods section)			X
Ice Sink (installation replaces trash & recycle components)			X
Humidor (mounts inside dry goods)			X
Consumable Ice Bin with Lid			X
Reversible Bottle Holder (box and double-sided white plastic insert)			X
ELECTRICAL:			
Charger, 72 VDC, On Board	X		
Charger Cord - 5M (16ft) NA for On Board Charger	X		
DC Converter (30 amp)	X		
Charger, 72 VDC, On Board CE		X	
Off-Board, High Capacity 1500 Watt Charger		X	
T875 Batteries	X		
T890 Batteries		X	
Battery Fill System		X	
Hose - 20 ft Regulated		X	
Hand Pump		X	
Halogen Headlights	X		
LED Headlights		X	
Turn Signals with 4-Way Flashers (Brake Lights Required)		X	
Taillights		X	
Brake Lights		X	
Hour Meter		X	
State of Charge Meter	X		
12 Volt Outlet		X	
USB Outlet		X	
Unique Key Switch		X	