



CUSHMAN

MODEL: REFRESHER® 2000
TYPE: GASOLINE POWERED REFRESHMENT VEHICLE
MODEL YEAR: 2012
Part No.: 618845



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13 hp (9.7 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- **Valve Train:** Overhead valve
- **Lubrication:** Pressurized oil system, spin-on oil filter
- **Balancer:** Internal counter rotating balance shaft
- **Fuel System:** Fixed float bowl with remote pulse fuel pump
- **Ignition:** Electronic spark/magneto
- **Air Cleaner:** Replaceable dry cartridge

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

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

Transaxle: Limited Slip Differential with helical gears, ground speed governor, forward/reverse

Canopy: Sunbrella® Signature Series

Beverage Unit: 5000 Series Aluminum - Polyurethane Semi-Gloss Paint. Visible Product Doors with Locks

Beverage Unit Storage Capacity:

- **Cold Storage Cabinets:** 3
- **Beverages:** 12 oz cans: 887 or 20 oz bottles: 400
- **Trash Bin Volume** 1.3 cu ft (0.04 m3)
- **Accessory Mounting Area:** 69.0 in (175 cm) L x 23.20 in (60 cm) W

PRODUCT OVERVIEW

Dimensions	
Overall Length	149 in (378 cm)
Overall Width	50.0 in (127 cm)
Overall Height (No Canopy)	46.5 in (118 cm) (Top of steering wheel)
Overall Height (With Canopy)	80.3 in (204 cm)
Wheel Base	93.5 in (235 cm)
Front Wheel Track	36.5 in (93 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.0 in (10 cm)

Performance	
Seating Capacity	1 Person Std, 2 Persons Optional
Dry Weight	994lb (451 kg)
Curb Weight	1032 lb (474 kg)
Vehicle load capacity	2000 lb (907 kg)
Outside Clearance Circle	27.0 ft (7.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	Fwd - 13.5 mph ± 0.5 mph (21.7 kph ± 0.8 kph) Rev - 9.5 mph ± 0.5 mph (15.3 kph ± 0.8 kph)
Towing Capacity	N/A

Vehicle Power	
Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13 hp (9.7 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter
Lubrication	Pressurized Oil System
Oil Filter	Spin-On
Cooling System	Air Cooled
Fuel Capacity	6.2 Gallon (23.5 L) tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Limited Slip Differential with helical gears
Gear Selection	Forward-Reverse
Rear Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Steering & Suspension	
Steering	Self-compensating rack and pinion
Front Suspension	Leaf springs with hydraulic shock absorbers
Rear Suspension	Heavy Duty leaf springs with hydraulic shocks
Service Brake	4 Wheel hydraulic front disc/rear drum
Parking Brake	Mechanical hand brake
Front Tires	Trail 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Trail 18 x 9.50 - 8 (6 Ply Rated)

Body & Chassis	
Frame	Welded steel with DuraShield™ powder coat
Front Body & Finish	Injection molded TPO
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Hunter Green

Some items shown may be optional equipment



CUSHMAN

Refresher Unit Dimensions

Refresher Unit Length	69.0 in (175 cm)
Refresher Unit Width	48.25 in (122.5 cm)
Refresher Unit Height	21.70 in (55 cm)
Refresher Unit Weight	335 lb (152kg)
Canopy	Sunbrella® Signature Series
Insulation	1.0 in (2.5 cm)
Canopy & Frame Weight	63 lb (29 kg)
Cold Storage Cabinet Length (2)	43.5 in (110 cm)
Cold Storage Cabinet Width	22.7 in (58 cm)
Cold Storage Cabinet Depth	10.9 in (28 cm)
Cold Storage Cabinet Volume	7.3 cu ft (0.21 m3)

Refresher Unit Dimensions Cont.

Cold Storage Cabinet Length (1)	45.6 in (116 cm)
Cold Storage Cabinet Width	22.8 in (58 cm)
Cold Storage Cabinet Depth	10.9 in (28 cm)
Cold Storage Cabinet Volume	6.6 cu ft (0.18 m3)
Cold Storage Cabinet Volume (3 Total)	21.2 cu ft (0.60 m3)
Cold Storage Drainage	Single Common Drain
Cold Storage Capacity	12 oz cans: 887 or 20 oz bottles: 400
Trash Bin Volume	1.3 cu ft (0.04 m3)
Accessory Mounting Area	69.0 in (175 cm) L x 23.20 in (60 cm) W
Beverage Unit	5000 Series Aluminum
	- Polyurethane Semi-Gloss Paint
	- Visible Product Doors w/Locks

OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
REFRESHER UNIT ACCESSORIES:			
3.0 Liter Airpot	●		
Airpot Rack	●		
Cup Dispensers	●		
Dry Goods Storage Accessory	●		
Rear View Mirror (2)	●		
Food Warmer		●	
Sundries Cabinet (Slideout Option - Limit 2)		●	
Humidor (Slideout Option - Limit 2)		●	
Mini Bottle Carrier (Slideout Option - Limit 2)		●	
Cash Drawer (Slideout Option - Limit 2)		●	
Bottle Caddy		●	
Condiment Tray		●	
Sign Boards (4)		●	
TIRES & WHEELS:			
Front:			
Turf 18 x 8.50 - 8 (4 Ply Rated)		●	
Turf Saver 18 x 8.50 - 8 (Load Range B)	●		
Rear:			
Turf Saver 18 x 9.50 - 8 (6 Ply)	●		
Wheel Covers:			
Spoke, Black & Gold		●	
Spoke, Black & Silver		●	
COLORS:			
Body/Cowl Color (Hunter Green)	●		
Body/Cowl Color (Champagne)		●	
Custom Body/Cowl Color		●	

Item	Std	Opt	Fld
Seating:			
Seat Color (Tan) Driver Only	●		
Seat Color (White) Driver Only		●	
Seat Color (Tan) Driver & Pass		●	
Seat Color (White) Driver & Pass		●	
OTHER PERFORMANCE:			
Ash Tray		●	
Front Bumper & Guard (Black)	●		
No Front Bumper		●	
High Altitude Jetting 3 - 6K ft (900 - 1800 m)		●	
High Altitude Jetting 6K + ft (1800 + m)		●	
Horn	●		
Low Oil Indicator	●		
Glove Box Door (Locking) Driver & Passenger Sides		●	
Glove Box Door (Locking) Driver Side		●	
Glove Box Door (Locking) Passenger Side		●	
ELECTRICAL:			
Brake Lights		●	
Headlights	●		
Turn Signals with 4-Way Flashers		●	
Unique Individual Key Switch		●	
12 Volt Outlet		●	
Hour Meter	●		
Taillights		●	
WEATHER PROTECTION:			
Sun Canopy	●		
Windshield Flat Lexan®	●		