

# ECOS

## Environmentally Friendly Mobile Wash and Reclaim System

- 4.7 GPM at 3500 PSI
- Carries up to 400 gallons
- Captures, filters, and recycles wash water for continuous use
- Patented Trans-Heat Technology\* provides better fuel efficiency

■ **Vacuum / Water Reclaim System** with 50 feet of 2-inch vacuum hose and druggable, non-tipping suction head provides continuous suction of wash water.



■ **Multi-Stage Filtering System** includes a 40 gallon holding tank with a 500 micron mesh / 200 micron mesh **Pre-Filter Intake Bag**, a 50 micron **Pleated Polyester Filter** (20 micron on LX and DX models), a 20 micron **Pleated Polyester Filter** (5 micron on LX and DX models), and an **Oil Absorbent Media Bag**. Clean water is directed to selected tanks for reuse, or can be dumped directly to drain, pending local EPA requirements.

■ **Honda GX660 Engine** and belt-drive **LT Pump** with 7-year warranty provide 4.7 GPM at 3500 PSI of cleaning might.

■ **Heavy-Duty 4,000 Watt Generator** produces reliable 120V AC power to the burner and vacuum.

■ **Durable Swing-Away Tongue** (rated for 7,500 lbs) connects with either a 2 5/16-inch **Ball Coupler** or **Lunette Ring** (DX model), **7-pin Electrical Trailer Plug** and heavy-duty 2,000 lb. capacity **Swivel Jack**, allowing trailer to be stored in a smaller area.



Galley storage compartment underneath the floor allows for easy storage of the vacuum hose. Shown with garden hose (not included).

■ **Patented Trans-Heat Technology\*** captures exhaust from the engine to preheat water, increasing water temperatures up to 15°F and providing better fuel efficiency.

■ Efficient **Duracoil** with stainless steel top wrap and 5-year warranty heats water using high-efficiency **120-Volt Burner**.

■ Conveniently placed **Locked Control Panel** includes key start, choke, **Burner On/Off Switch**, **Adjustable Thermostat**, and an **Hour Meter** with low oil indicator. Also includes reclaim pump, vacuum motor switches and **Low Point Drain** for water tanks.

■ **Four Polyethylene Water Tanks** provide 400 gallons of clean water and are linked for even distribution. **Main Control Valve System** includes easy to use valves for controlling water distribution. **Feed Pump** with pressure-sensing switch alleviates wear and tear on main pump.



■ **Two Hose Reels** hold up to 100 ft. of high-pressure hose and 75 ft. of low-pressure hose.

■ 30 in. x 7 ft. **Galley** allows for storage of pressure washer equipment with a removable rear gate.

■ **EASY!Force Trigger Gun** with cruise control like technology uses its own recoil force to hold the trigger down - so, no more sore hands after hours of use. **Variable Pressure Wand** make it easy to switch between wash and rinse modes.

■ **Locked compartment** includes **Dual Fuel Tanks** for gasoline engine (17 gallons) and diesel burner (17 gallons). Also includes space for two detergent buckets.

■ **Safety Features** including redundant devices such as a **Rupture Disk**, and high-temperature shutdown to guard against excessive pressure or heat.

■ **Four 15-inch Black-Rim Wheels** with 205/75/R15D tires on **Tandem Axles** rated at 3,500 lbs each (7,000 lbs total) with **Electric Brakes** on both axles and battery operated **Breakaway Kit** for added safety.

■ **Four Color-Coded Quick-Couple Nozzles** made of hardened stainless steel are mounted near hose reel for ready access.

**For a Better Tomorrow...Clean Green!**

Our revolutionary, patented ECOS Mobile Wash and Reclaim System\*\* recovers, filters and recycles the dirty water from pressure washing for safe disposal or reuse—meeting most municipal and environmental regulations. The fuel burner savings from the patented Trans-Heat Technology\* allows for a fast return on investment.



Model #	Version	Part #	GPM	PSI	Pump RPM	Engine	CCs	GVWR (lbs)	Water Tank	Ship Wt (lbs)
ECOS-7000	Standard	1.103-825.0	4.7	3500	1360	Honda GX660	688	6,000	400 gal	3500
ECOS-7000	LX	1.103-838.0	4.7	3500	1360	Honda GX660	688	6,000	400 gal	3500
ECOS-7000	DX	1.103-839.0	4.7	3500	1360	Honda GX660	688	6,000	400 gal	3500

Dimensions: 174"L x 75"W x 74"H

**Field Installed Options & Accessories**

- 8.739-074.0 Tuff-Skin 6000 PSI Hose, 100'
- 8.922-019.0 Spare Tire Kit, ECOS Trailer - No Panel (tire not included)
- 8.922-020.0 Spare Tire Kit, ECOS Trailer - With Panel (tire not included)
- 8.752-044.0 Tire/Wheel Assembly, Black, 15" Radial
- 8.903-606.0 Water Jet Surface Cleaner

**Replacement Filters and Parts**

- 8.726-045.0 5 Micron Carbon Filter Cartridge
- 8.726-044.0 20 Micron Pleated Filter Cartridge
- 8.754-082.0 200 Micron Pre-Filter Nylon Sock
- 8.726-046.0 Oil Absorbent Sock
- 8.919-317.0 Vacuum Nozzle Head Assembly with Guard

**Drain Covers and Water Dikes**

- 8.751-135.0 Drain Cover, 36" x 36", 30oz PVC
- 8.751-136.0 Drain Cover, 48" x 48", 30oz PVC
- 8.751-137.0 Drain Cover, 48" x 48", Urethane
- 8.751-138.0 Water Dike, 10', 22oz PVC
- 8.751-139.0 Water Dike, 10', 40oz Urethane
- 8.751-140.0 Water Dike, 20', 22oz PVC
- 8.751-141.0 Water Dike, 20', 40oz Urethane

**Specifications**

Pressure Washer System		Trailer	
Engine Fuel	Gasoline (17-gallon tank)	Water Tank Capacity	400 gallons
Pump	LT (1360 RPM)	Gross Vehicle	6,000 lbs.
Generator	4,000 watts/120VAC	Weight Rating (GVWR)	6,000 lbs.
Wand Assembly	Variable pressure wand with 50' hose	Trailer Axles	Dual, 3,500 lbs. each both with electric brakes
Detergent	Downstream detergent injector	Wheels	15-inch wheels, ST205/75/R15D tires
Multi-Stage Filter System		Swing-Away Tongue	7,500 lb. capacity, 25/16-inch ball coupler (standard/LX series) or adjustable lunette hitch (DX series)
Pre-Filter	500 micron mesh	Swivel Jack	2,000 lb. capacity
Oil Removal	200 micron mesh intake bag	Safety Chains	Dual 5/16-inch steel link with latching hooks
Sediment	Oil absorbent media bag	Lights	DOT approved recessed lights, license plate holder LED lights (LX/DX Series only)
Polish	50 micron pleated polyester (20 micron on LX/DX Series)	Dimensions	Reflective conspicuity tape (LX/DX Series only)
	20 micron pleated polyester (5 micron on LX/DX Series)	Dry Weight	174"L x 75"W x 73.5"H (with swing-away tongue extended)
Heating System		Shipping Dimensions	2,865 lbs. 161"L x 85"W x 82"H (pallet & crate)
Pre-Heating	Patented Trans-Heat Technology*		
Coil	1/2" Schedule 80		
Burner Fuel	Diesel/kerosene/fuel oil (17-gallon tank)		
BTUs	440,000		
Vacuum System			
Suction	105 CFM		
Hose	50' x 2" diameter		

Distributed by:

**DETERGENT FOR EVERY JOB**

Landa Kärcher Group's innovative detergent lineup makes your cleaning job easier and faster. Phosphate-free to meet the most stringent environmental demands without sacrificing cleaning effectiveness. We'll match you with a product designed for your specific application.



\*Patent No. US-2011-0232696-A1 \*\*Protected by U.S. Patent No. D701,357 S 8,597,434 8,721,805 B2