

# 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	174"L x 75"W x 73.5"H (with swing-away tongue extended)
Heating System	Patented Trans-Heat Technology*	Dry Weight	2,865 lbs.
Pre-Heating	1/2" Schedule 80	Shipping Dimensions	161"L x 85"W x 82"H (pallet & crate)
Coil	17-gallon tank		
Burner Fuel	Diesel/kerosene/fuel oil		
BTUs	440,000		
Vacuum System			
Suction	105 CFM		
Hose	50" x 2" diameter		

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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

Note: Landa Kärcher Group is constantly improving and updating its products. Consequently, pictures, features, and specifications in this brochure may differ slightly from current models. Flow rates and pressure ratings may vary due to variances allowed by manufacturers of our machine components. Landa Kärcher Group product performance is certified by the Cleaning Equipment Trade Association (CETA) to be within 5% of listed specifications.

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