

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.

■ **Insulated, spring-loaded Trigger Gun** and insulated, dual-lance **Variable Pressure Wand** make it easy to switch between detergent 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	Ship Wt (lbs)
ECOS-7000	Standard	1.103-825.0	4.7	3500	1360	Honda GX660	688	3500
ECOS-7000	LX	1.103-838.0	4.7	3500	1360	Honda GX660	688	3500
ECOS-7000	DX	1.103-839.0	4.7	3500	1360	Honda GX660	688	3500

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

- Engine Fuel Gasoline (17-gallon tank)
- Pump LT (1360 RPM)
- Generator 4,000 watts/120VAC
- Wand Assembly Variable pressure wand with 50' hose
- Detergent Downstream detergent injector

Multi-Stage Filter System

- Pre-Filter 500 micron mesh/200 micron mesh intake bag
- Oil Removal Oil absorbent media bag
- Sediment 50 micron pleated polyester (20 micron on LX/DX Series)
- Polish 20 micron pleated polyester (5 micron on LX/DX Series)

Heating System

- 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

Trailer

- Water Tank Capacity 400 gallons
- Gross Vehicle 6,000 lbs.
- Weight Rating (GVWR)
- Trailer Axles Dual, 3,500 lbs. each, both with electric brakes
- Wheels 15-inch wheels, ST205/75/R15D tires
- Swing-Away Tongue 7,500 lb. capacity, 25/16-inch ball coupler (standard/LX series) or adjustable lunette hitch (DX series)
- Swivel Jack 2,000 lb. capacity
- Safety Chains Dual 5/16-inch steel link with latching hooks
- Lights DOT approved recessed lights, license plate holder LED lights LX/DX Series only Reflective conspicuity tape (LX/DX Series only)
- Dimensions 174"L x 75"W x 73.5"H (with swing-away tongue extended)
- Dry Weight 2,865 lbs.
- Shipping Dimensions 161"L x 85"W x 82"H (pallet & crate)

Distributed by:

*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.

Form #9.801-254.0
© 2016 • 06/16