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
- 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.

- 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.

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

- 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.

- Lockered 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.

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- Patented Trans-Heat Technology* provides better fuel efficiency

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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 Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>Version</th>
<th>Part #</th>
<th>GPM</th>
<th>PSI</th>
<th>Pump RPM</th>
<th>Engine</th>
<th>CCs</th>
<th>Ship Wt (lbs)</th>
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### 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 (GWR): Dual, 3,500 lbs. each, both with electric brakes
- Axles: 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 (LX/DX Series only) 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:* Landa Kärcher Group

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.