





Optima DS-S Steamer

Quick Reference Guide

Steam Generation 

Exterior Cleaning 

Interior Cleaning 

Indoor Use

Vacuum

Foam

(DIESEL POWERED)

The Optima DS-S Steamer is a revolutionary new and environmentally friendly steam machine. Using the latest in steam technology, the Optima DS-S can quickly and effectively remove dirt, stains, grease, odors and other contaminants from a variety of surfaces. The Optima DS-S has an industrial steel frame.

Benefits:

- Quickly and easily remove dirt, stains and grease
- Reduce water and chemical consumption
- Clean hard to reach nooks and crannies
- Deodorize and sterilize surfaces
- Eliminate waste-water
- Two operators can clean at once
- Easy to maintain and operate
- All day use
- Quiet

Cleaning Applications:

- Wash cars, trucks, motorcycles, boats, golf carts, small planes, machinery and general surfaces
- Sanitation
- Weed removal
- Graffiti removal
- Food & beverage equipment
- Park and recreational equipment
- Property management services
- Military equipment



Optima DS-S

Steamer

Features:

Dual Spray Guns	Two operators can clean at once without loss in steam pressure.
Adjustable Moisture Control Valve	Easily adjust from a dry steam to a wet steam.
Extended Hose Length	Over 33' (10m) of hose length, customizable to 65' (20m).
Heat Efficient and Self Regulating Stainless Steel Boiler	The Optima DS-S is equipped with a diesel powered burner that produces steam within 2 minutes and automatically turns on and off to maintain operating pressure. The burner does not idle, reducing emissions, noise and fuel consumption. The boiler's unique stainless steel design supports a long life span and keeps the machine cool during extended use.
Multiple Safety Feature	Safety features include an LED illuminated control panel with corresponding alarm, automatic shut-offs, pressure sensor, automatic pressure release valve, thermostat control, fuel and water tank level sensors, high and low boiler water level sensors, and a dry-run prevention setting on the water pump.

Specifications:	Standard	Metric
Pressure	116 psi (max. 145 psi)	8 bar (max. 10 bar)
Operating Temperature	185°F~248°F	85°C~120°C
Preheating Time	2 minutes	
Water Tank Capacity	10.5 gallons	40 liters
Water Flow Rate (adjustable)	.159 gpm x 2 guns (max. .32 gpm x 2 guns)	600 cc/minute (max. 1200 cc/min x 2 guns)
Diesel Tank	4.5 gallons	17 liters
Diesel Consumption Rate	.53 gph	2 liters/hour
Power Requirements	350 watts, 110~120V, 50/60Hz. (available in 220~240V 50/60Hz)	
Weight	211 (lbs)	96 (kg)
Dimensions	35(L) x 19.7(W) x 29.5(H) in	90(L) x 50(W) x 75(H) cm
Steam Hose Length	Available in 33' (10m), 50' (15m), 65' (20m)	
Spray Gun Nozzle Length	Standard nozzle length: 2.65" (6.73cm); Available extended nozzle lengths: 12" (30cm), 18" (45cm), 40" (100cm)	
Customization and private labeling available pending minimum order quantity.		

Accessories:



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