PAWDS

(Plasma Arc Waste Destruction System)

Compact Marine and Mobile Land-Based Solutions for Waste Destruction & Energy Recovery.

PyroGenesis Canada’s Plasma Arc Waste Destruction System (PAWDS) is:

- The world’s most compact system
- Easy-to-operate
- Rapid to start-up & shutdown (no refractory)
- Effectively destroying paper, plastics, food, oily rags, as well as waste oil, all with minimal segregation
- Scalable for both larger & smaller ships

Customers include:

U.S. NAVY

- PAWDS is installad on the CVN 78 USS General R. Ford Supercarrier
- Reorder for the CVN 79 Supercarrier

For more information, please contact:

Business Development Department
PyroGenesis Canada Inc.
plasma@pyrogenesis.com
T. +1 (514) 937-0002
F. +1 (514) 937-5757
## CAPACITY
|          | 200 to 1200 lbs/hr  
|          | (CVN 78/79 = 400 lbs/hr) |

## WASTE
- **Solid waste**: Paper, cardboard, plastic, food, oily rags, and wood
- **Waste Oils / Sludge Oils** with up to 50% water

### MINIMAL SEGREGATION

## CERTIFICATION
- Lloyds Registry MED Type
- Approved for solid waste and sludge oil

## SIZE
- **Marine**: 1 deck. 1/5 size of a marine incinerator and 1/2 the weight.

### Process Equipment Footprint:
- 200 lbs/hr = 270ft², 400 lbs/hr = 700 ft²

### Mobile-Land: Five 20 ft containers (400 lbs/hr)

## APPLICATIONS
- Aircraft Carriers & Supercarriers
- Amphibious Assault Ships
- Landing Platform Docks
- Destroyers & Frigates
- Cruise Ships
- Mobile Disaster Relief
- Remote Communities

---

**PyroGenesis Canada Inc.** is a world-renowned high-tech company operating in the field of high temperature processing of materials and waste, which counts the US Navy and the US Air Force amongst its discerning client base.

© 2021, PYROGENESIS CANADA INC.

THE DRAWINGS AND INFORMATION DEPICTED HEREIN ARE PROPRIETARY TO PYROGENESIS CANADA INC. THEY MAY NOT BE COPIED, REPRODUCED, TRANSMITTED, DISCLOSED, SOLD, ALTERED OR OTHERWISE USED IN WHOLE OR IN PART IN ANY MANNER WHATSOEVER, INCLUDING AS BASIS FOR DESIGN, MANUFACTURE OR SALE OF PRODUCTS, WITHOUT PRIOR WRITTEN CONSENT FROM PYROGENESIS CANADA INC.