

## **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



**COMPACT DESIGN:**  
Impressive ROI for newbuilds and retrofits

**FULLY AUTOMATIC** - sailor friendly with minimal manpower

**RAPID START-UP & SHUTDOWN**

**NO VISIBLE PLUME OR HEAT SIGNATURE**

**RELIABLE** - safe with no risk of fire

**Customers include:**

**U.S. NAVY**

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

For more information, please contact:

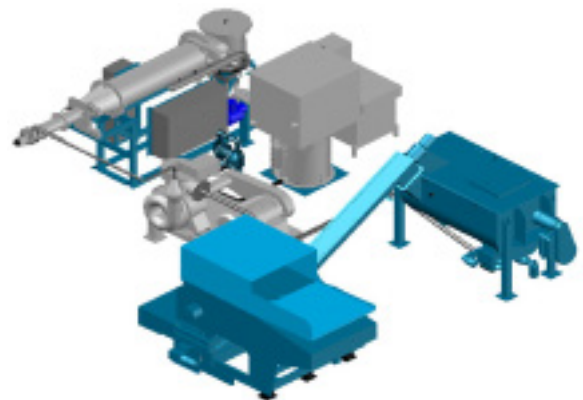
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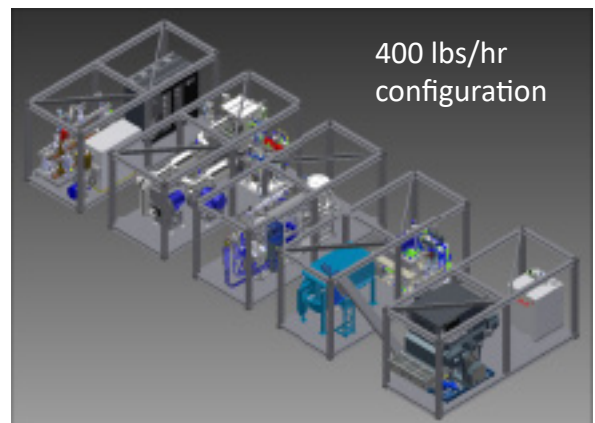
<b>CAPACITY</b>	200 to 1200 lbs/hr (CVN 78/79 = 400 lbs/hr)
<b>WASTE</b>	<b>Solid waste:</b> Paper, cardboard, plastic, food , oily rags, and wood <b>Waste Oils / Sludge Oils</b> with up to 50% water <b>MINIMAL SEGREGATION</b>
<b>CERTIFICATION</b>	<b>Lloyds Registry MED Type</b> Approved for solid waste and sludge oil
<b>SIZE</b>	<b>Marine:</b> 1 deck. 1/5 size of a marine incinerator and 1/2 the weight.  <b>Process Equipment Footprint:</b> 200 lbs/hr = 270ft <sup>2</sup> , 400 lbs/hr=700 ft <sup>2</sup>  <b>Mobile-Land:</b> Five 20 ft containers (400 lbs/hr)
<b>APPLICATIONS</b>	Aircraft Carriers & Supercarriers Amphibious Assault Ships Landing Platform Docks Destroyers & Frigates Cruise Ships Mobile Disaster Relief Remote Communities

## ENERGY RECOVERY MODULE AVAILABLE:

### MARINE CONFIGURATION:



### MOBILE-LAND CONFIGURATION:



**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.**



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