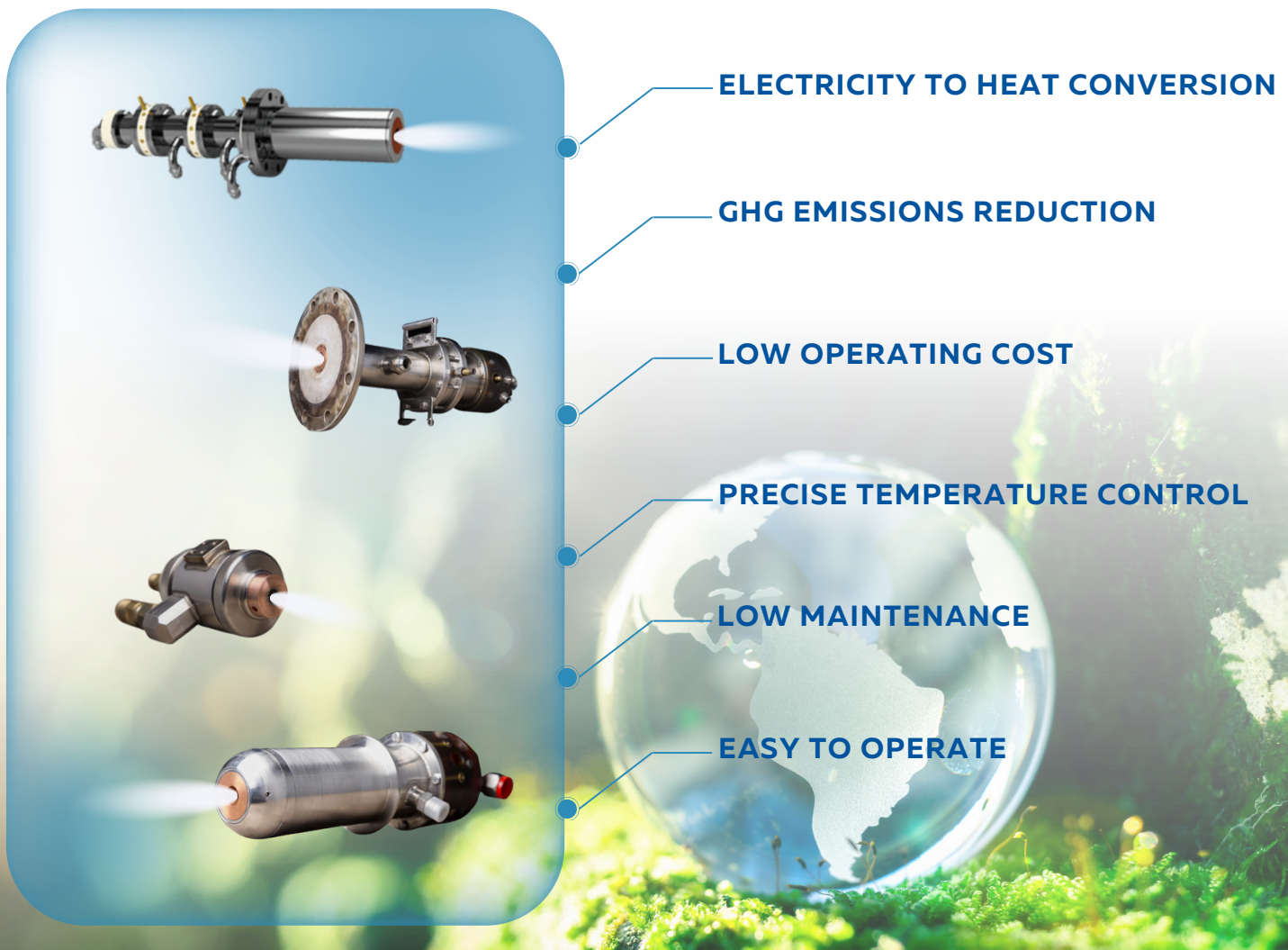


PLASMA TORCH

**ENERGY-EFFICIENT SOLUTION TO ELECTRIFY
HIGH-TEMPERATURE INDUSTRIAL PROCESSES**

PyroGenesis designs and manufactures a wide range of high-power plasma torch systems for some of the most demanding environments in the world. PyroGenesis' plasma torch has wide-range of applications, and can generate plume temperatures from 3,000-10,000 F.




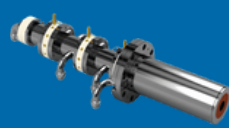


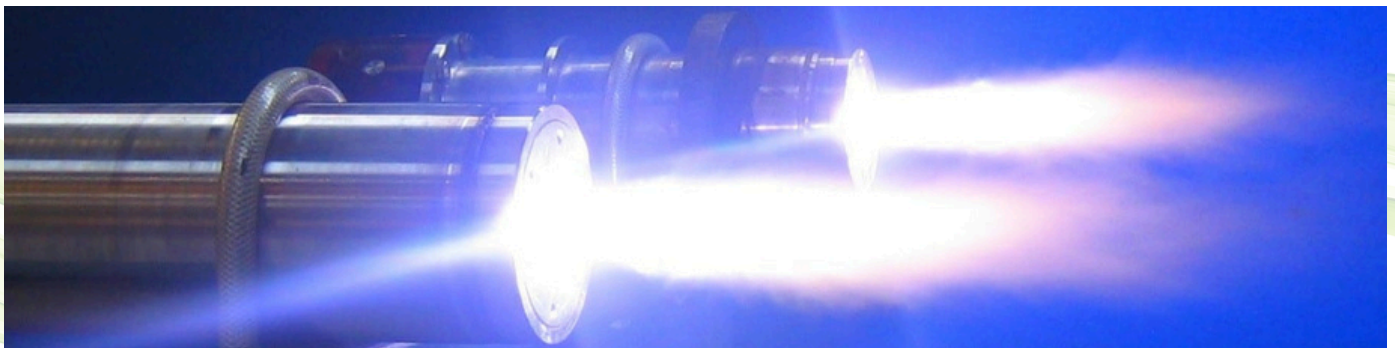
PyroGenesis Inc. is a world-known company certified by ISO 9001:2015 and AS9100D, specializing in the high-temperature processing of materials and waste. The U.S. Navy and the U.S. Air-Force are among PyroGenesis' extensive client base.

SUSTAINABILITY

PyroGenesis' Plasma Torch Systems Offer a Sustainable Solution for Industrial Manufacturing Through Electrification of Existing Fossil Fuel-Based Industrial Processes.

PyroGenesis' plasma torches are in use across multiple industries including iron ore and steel, aluminum, mining, waste management, military, research, and government.

	ARC POWER	APPLICATION
MINIGUN 15 	15 KW	Used in thermal spray coating; small scale research & development. Ideal for university and industrial research
APT 150 	150 KW	Used in waste-to-energy, ash vitrification, steel tundish heating, titanium melting and heating, non material production; thermal treatment.
SPT 150 	150 KW	Used in refrigerants destruction, hydro-cracking, and heating.
APT- HP 20MW 	UP TO 20,000 KW	Used in iron ore pelletization (Patented), steel tundish heating, metallic dust recovery, radioactive waste disposal, waste gasification, vitrification, and etc.



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