



PRESS RELEASE

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Major Innovation in Scrap Torching

Palm Beach, FL – Hydrogen Cutting Systems, LLC (HCS), a division of Total Combustion, has announced a revolutionary innovation in torch cutting with its proprietary hydrogen torch system.

The new system brings high temperature hydrogen gas cutting technology to the scrap recycling industry. While leveraging traditional gases like propane or acetylene as a propellant, the system infuses hydrogen. The system dramatically reduces emissions, reduces ongoing operating expenses and increases productivity.

The torch cutting solution is made possible through proprietary technology that provides hydrogen on-demand. By delivering a continual flow of hydrogen and blending it with the minimum amounts of oxygen and other gases the system delivers a high temperature cutting flame.

The cutting process benefits from the high temperatures in many ways. Most importantly it immediately combusts particulate matter, dramatically reducing emissions and smoke. The burn rate for the oxygen and propane or acetylene is also dramatically reduced, lowering ongoing operating costs. Finally, the torch is easier to use, which increases the productivity of each torch man.

Developed by scrap industry veterans in combination with top-flight engineers, Hydrogen Cutting Systems is offering the system in a modular, fully portable platform. Each unit can support up to four torch men and multiple units may be used at the same job site.

The system will be unveiled during Scrap Expo 2022, where HCS will be exhibiting at outdoor booth #8. Live demonstrations will be offered.

For more information, contact Jacob Youngman or visit HydrogenCut.com.

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