



# Metal scrapping with the Freedom 38 PPA™



Improve processes for scrapping copper, stainless steel, aluminum and other similar alloys.

Unlike mild steel, non-ferrous metals cannot be cut with oxyfuel. So scrap yards have to turn to other technologies, such as plasma or mechanical methods. Until recently, oxyfuel was the primary method for cutting mild steel, while shears and other mechanical methods were used more than plasma for other metals. Often scrap yards do not have the power and air needed for plasma near the metal. The Freedom 38 PPA brings power, air, and the speed and versatility of plasma to the job.

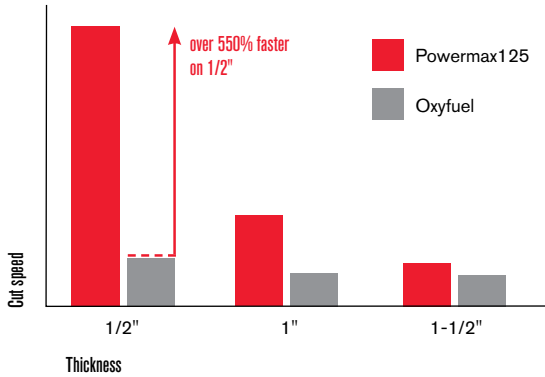
#### Freedom 38 PPA advantages:

- Typical ROI within 1.5 years
- Can cut any electrically conductive metal
- Capable of cutting two-inch thick metal at 100% duty cycle
- Easier to operate than shears, skilled operator not required
- Safer, more ergonomic, and faster cut speeds than oxyfuel and other cutting methods

	Acquisition cost	Labor cost	Processing time	Ferrous	Non-ferrous
Front end loader with shears	High	\$20-40 per hour	Slow	Yes	Yes
Freedom 38 PPA	Medium	\$10-12 per hour	Twice as fast	Yes	Yes
Oxyfuel	Low	\$10-12 per hour	Slow	Yes	No

In addition, the Freedom38 PPA™ with the Powermax125® plasma system offers a number of other advantages for scrapping. From a standard handheld torch to a 4-foot Long torch that eliminates awkward reaches, it is easy to find the right tool for the job. Consumables for gouging, reaching into tight locations and flush cutting expand the options even further.

Relative cut performance on mild steel



Ordering information	Part number
Freedom 38 PPA	062005
Freedom 38 PPA, with hazardous environment air intake shutoff valve	062006

### Powermax125 options

The Freedom 38 PPA™ includes a Powermax125® power supply. Torches, work lead, consumables, and accessories must be ordered separately.

### Duramax® Hyamp™ torches

Cable length	Handheld torches	Long torches			
	85°	2' 45°	2' 90°	4' 45°	4' 90°
(25')	059492	059562	059563	059567	059568
(50')	059493	059579	059580	059581	059582
(75')	059494				

Other torch styles and lead lengths available.

### Starter kit consumable options

	Handheld	Mechanized
Kit	428099	428100

### Cable options

Cable length	Work cables		Control cables
	Hand clamp	C-style clamp	Remote pendant
(25')	223292	223298	128650
(50')	223293	223299	128651
(75')	223294	223300	128652

To schedule a demo, call 877-FRD-OM38

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