

Hypertherm®

Viper and Python plasma system advantages



ENDLESS POSSIBILITIES OF VERSATILITY: DRAG CUTTING, EXTENDED REACH CUTTING, EXTENDED REACH GOUGING, FINE FEATURE CUTTING, FLUSH CUTTING, MARKING, MAX CONTROL GOUGING, MAX REMOVAL GOUGING, PRECISION GOUGING

Best performance in its class

- Long consumable life and fast cut speeds lower your cutting and gouging costs.
- High portability, simple controls, and a stable plasma arc make Viper and Python systems easy to operate, even for beginners.
- With the widest array of torches and specialty consumables, Viper and Python systems can be configured to address a wide range of applications from extended reach cutting to precision gouging and more.
- For the new Viper65 SYNC, Python85 SYNC, and Python105 SYNC, the single-piece cartridge makes knowing when to replace consumables easier than ever. With the all-new, efficient SmartSYNC™ torch in your hands, adjustments and quick consumable replacements are a breeze.

Viper and Python

Product line overview



		Viper30 AIR	Viper30 XP	Viper45 XP	Viper65 SYNC™	Python65 SYNC™	Python105 SYNC™e	Python125
Cut capacity	Recommended	5/16"	3/8"	5/8"	3/4"	1"	1-1/4"	1-1/2"
	Severance	5/8"	5/8"	1-1/8"	1-1/4"	1-1/2"	2"	2-1/4"
	Output range	15-30	15-30	10-45	20-65	25-85	30-105	30-125
	Input voltages	120-240 V, 1-PH	120-240 V, 1-PH	200-240 V, 1-PH OR 480 V, 3-PH*	200-600 V, 1-PH or 3-PH	200-600 V, 1-PH or 3-PH	200-600 V, 3-PH	480 V, 3-PH OR 600 V, 3-PH**
Application capabilities	Mechanized cutting			●	●	●	●	●
	Drag cutting	●	●	●	●	●	●	●
	FineCut®		●	●	●	●	●	●
	Marking			●***				
	Precision gouging			●				
	Max control gouging			●	●	●	●	●
	Max removal gouging				●	●	●	●
	HyAccess™		●	●				
	FlushCut™			●	●	●	●	●

* One-phase and three-phase models are two separate products.

** 400 V and 600 V models are two separate products.

*** If you are marking with the Powermax45 XP, argon can be used to produce shallower, narrower marks and a cleaner final product.