



EN

Serie



PLASMA  
CUTTING  
TORCH

# The future is now

The **ZETA® Series torch for plasma cutting is the culmination of years of experience and a detailed study of the current market requirements.**

The heart of the ZETA® Series plasma torch is the new air-cooled torch body, designed and developed according to the most recent studies of air flow dynamics.

Thanks to **Trafimet Air Flux System**, the ZETA® Series plasma torch provides excellent stability of the arc at different speeds, a crucial aspect for the quality of the cut.

One single torch with **5 different consumables kits** guarantees a wide range of cutting performances on applications.

The kits, packaged in **convenient clamshells**, are designed to work with duty cycles of 40, 60, 80, 110 and 130 Amperes.

For the most demanding operators a **Master Kit** containing all the spare parts for the ZETA® Series plasma torch is available - duty cycles from 40 to 130 Amperes.

The **Master Kit** is the optimal solution for operators working outside of the shop and for those who want to have everything on hand.

The basic configuration of the the ZETA® Series plasma torch is equipped with direct connection with female fitting 1/4 gas or central connection. Other connections are available in the catalogue and upon request.

Serie



## SIMPLE AND SAFE

The outstanding safety of the ZETA® Series torch is the result of a brand new design. To start the plasma cutting process, the operator has to press the button pushing it back; therefore allowing for the opening of the circuit and the activation of the torch.



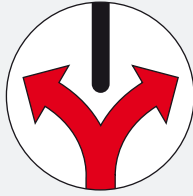
## COMPLETE RANGE

The ZETA® Series plasma torch is suitable both for high frequency power sources - easily recognizable by its red spring - and for no high frequency power sources - identified by a black spring. Both versions use the same consumables kit.



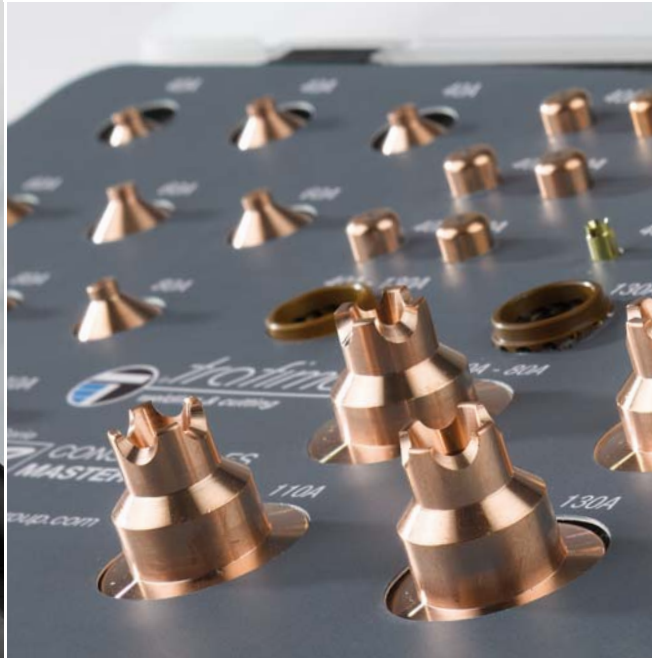
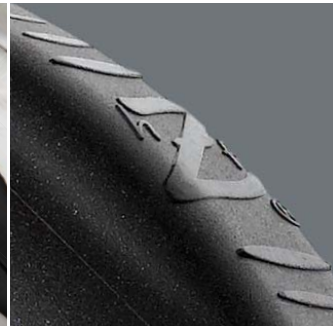
## TRAFIMET AIR FLUX SYSTEM




• PATENT PENDING •  
Trafimet Air Flux System manages through innovative technical solutions the plasma cutting air and the cooling air, therefore obtaining excellent results for different cutting applications. The plasma gas flow guarantees excellent cutting performances, whereas the cooling air system has been designed so to protect and allow for long life of the consumable parts.



## UNPARALLELED CUTTING QUALITY

The combination of the new consumables design and the air flow dynamics allow the ZETA® Series plasma torch to achieve high cutting speeds at different thicknesses combined with a superb quality of the cut.





X 60%	X 100%			V peak	
40 A	30 A	110 l/min	15 mm	500	5 bar
60 A	45 A	120 l/min	25 mm	500	5 bar
80 A	65 A	140 l/min	32 mm	500	5 bar
110 A	85 A	155 l/min	40 mm	500	5 bar
130 A	105 A	180 l/min	45 mm	500	5 bar


ZETA® Series torch for plasma cutting without high frequency


ZETA® Series torch for plasma cutting with high frequency



MANUAL	CODE	↔	
	PAZ006D-004-FA3	6 m	
PAZ008D-004-FA3	7,6 m		Central adaptor
PAZ015D-004-FA3	15,2 m		Central adaptor
PAZ006D-000-FA3	6 m		1/4 Gas
PAZ008D-000-FA3	7,6 m		1/4 Gas
PAZ015D-000-FA3	15,2 m		1/4 Gas

MANUAL	CODE	↔	
	PAH006D-004-FA3	6 m	
PAH008D-004-FA3	7,6 m		Central adaptor
PAH015D-004-FA3	15,2 m		Central adaptor
PAH006D-000-FA3	6 m		1/4 Gas
PAH008D-000-FA3	7,6 m		1/4 Gas
PAH015D-000-FA3	15,2 m		1/4 Gas

AUTO	CODE	↔	
	PAZ005P-019-PA3	4,6 m	
PAZ008P-019-PA3	7,6 m		Central adaptor
PAZ011P-019-PA3	10,7 m		Central adaptor
PAZ015P-019-PA3	15,2 m		Central adaptor
PAZ005P-000-PA3	4,6 m		1/4 Gas
PAZ008P-000-PA3	7,6 m		1/4 Gas
PAZ011P-000-PA3	10,7 m		1/4 Gas
PAZ015P-000-PA3	15,2 m		1/4 Gas

AUTO	CODE	↔	
	PAH005P-019-PA3	4,6 m	
PAH008P-019-PA3	7,6 m		Central adaptor
PAH011P-019-PA3	10,7 m		Central adaptor
PAH015P-019-PA3	15,2 m		Central adaptor
PAH005P-000-PA3	4,6 m		1/4 Gas
PAH008P-000-PA3	7,6 m		1/4 Gas
PAH011P-000-PA3	10,7 m		1/4 Gas
PAH015P-000-PA3	15,2 m		1/4 Gas

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## A WORLD OF SPARE PARTS FOR ALL NEEDS

ZETA® Series plasma torch replacements/consumables are available in several configurations, each with a dedicated packaging: a master kit with all the parts, 5 starter kits in clamshells, and all individual parts still in clamshell. These are all practical solutions for the operator guaranteeing perfect product quality during storage.

All parts of the ZETA® Series plasma torch are original and produced at Trafimet factory in Italy: the end result is products of the highest quality.



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