



WELDING, CUTTING, MORE..

# **PRODUCT OVERVIEW 2017-2018**

TRAFIMET GROUP has been in the welding market for over 40 years, in this time it has been known throughout the world for the reliability of its products.

The company is focused on quality, innovation, service and staff development

Trafimet Group offers a complete and wide range of products dedicated to the world of welding, though its two brands Trafimet and Sacit.



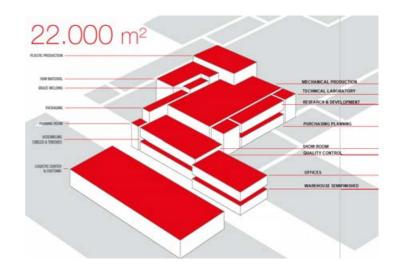


TRAFIMET is the historical brand from which Trafimet Group came to life more than 40 years ago. Trafimet series covers all the needs of the market of welding, offering a full range of welding torches for Plasma cutting, TIG, MIG/MAG.

Trafimet's constant commitment to research and development is directly reflected on the torches' performance, on the accessories and the replacement parts of Trafimet's range: ever more efficient solutions which lead to the continuous registering of new patents.

SACIT, present on the welding market since 1955, is the brand through which Trafimet offers, in Italy and abroad, products for electrode welding, for the welder's safety and a wide range of accessories and tools dedicated to all types of welding.

Historically, Sacit's selection distinguishesitself for the quality and safety of the products offered, which are always guaranteed and certified according to the main standards required in the market place.





#### WORLDWIDE

At the heart of all productive activities, research and development, the Italian head office manages, coordinates and controls its markets through a network of subsidiaries and selected partners worldwide.

The penetration and coverage in strategic markets which are particularly sensitive, are provided by this network developed at a global level.

#### PRODUCTION PLANTS

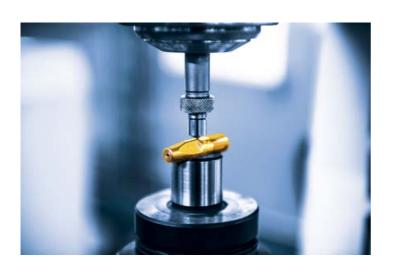
The highly skilled staff and advanced machinery are the key features of the Trafimet Group manufacturing process.

All products are made with selected raw materials and components, using highly advanced automation. The operations management is focused to ensure production is planned and adapted to meet the requirements of a very fast-moving market. The use of new modular products, dynamic managed staff and flexible programming results on time delivery of highest quality products.



#### **RESEARCH & DEVELOPMENT**

Enhancing performance and refining the versatility of the products are the main objectives of the department of Research and Development. One area that continues to set important milestones in the industry, helping to enhance the reputation of the company among the global players.

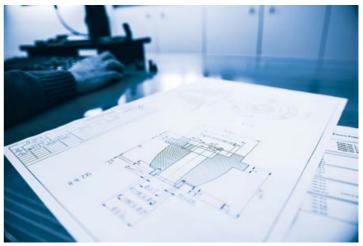




#### LOGISTIC & CUSTOMER CARE

Logistics and Customer Care are working together to provide answers quickly and efficiently. Trafimet Distribution relies on a warehouse of significant dimensions, fully computerised, allowing timely response to customer requests.

Customer Care is skillfully structured to increase customer satisfaction and address the needs of different customers and sales channels in strong cooperation with Agents, Area Manager and Engineering Department, creating a winning synergy able to satisfy our customers.



#### **QUALITY CONTROL**

A company devoted to the improvement and innovation that is confirmed even in the mechanisms of quality control. Trafimet Group prepares a highly scientific method to monitor and refine its mechanisms, allowing the office in charge of monitoring to act promptly and effectively where necessary.

A winning methodology for timing and oustanding final results.

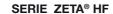


#### **Serie ZETA®**

The ZETA® Series torch for plasma cutting is the culmination of years of experience and a detailed study of the current market requirements. One single torch with 5 diff erent consumables kits guarantees a wide range of cutting performances on applications.

SERIE ZETA® NO HF







#### SERIE ZETA® AUTO NO HF SERIE ZETA® AUTO HF



























#### 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.



### **Trafimet Air Flux System**

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...



#### **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.



#### **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.

#### Cutting performances - STEEL

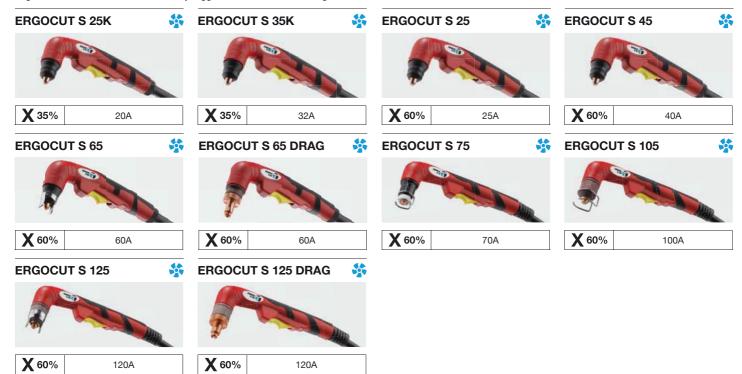
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	40 A				60 A				80 A				110 A				130 A					
Thick	Thicknes		Ideal		Max				Max		Ideal		Max		Ideal		Max		Ideal		Max	
s mm	in	speed m/min	ft/min	speec m/min	ft/min	speed m/min	ft/min	speed m/min	ft/min	speed m/min	ft/min	speed m/min	ft/min									
4	5/32	2,1	6.9	2,9	9.5																	
5	1/5					2,1	6.9	3,3	10.8	2,5	8.2	4,0	13									
6,2	1/4	0,8	2.6	1,7	5.6																	
8,5	11/32	0,5	1.6	0,9	2.9																	
10	3/8					1,1	3.6	1,5	4.9	1,5	4.9	2,5	8.2	1,9	6.3	3,1	10.2					
15	3/5					0,5	1.6	0,7	2.3	0,7	2.3	1,0	3.3	1,0	3.3	1,5	4.9	0,9	2.9	2,1	6.9	
20	3/4					0,3	1.0	0,5	1.6	0,5	1.6	0,7	2.3	0,7	2.3	1,1	3.6	0,8	2.6	1,4	4.6	
25	1					0,1	0.3	0,2	0.6	0,2	0.6	0,4	1.3	0,5	1.6	0,7	2.3	0,55	1.8	0,9	2.9	
30	1 1/5									0,1	0.3	0,2	0.6	0,3	1.0	0,4	1.3	0,35	1.1	0,6	2.0	
40	1 3/5													0,19	0.6	0,29	0.9	0,25	0.8	0,35	1.1	

zeta.trafimet.com



#### **ERGOCUT S**

Ergocut new handle, no HF, with safety trigger and available on a range between 20A and 120A at 60%. Trafimet branded consumables..



#### **ERGOCUT A**

New Ergocut handle, with HF, safety trigger and available on a range between 50A and 150A at 60%. Also available a water cooled version with 200A at 100%. Trafimet consumables.



#### **ERGOCUT CB**

New Ergocut handle with HF and safety trigger, available on a range between 50A and 150A at 60%. Consumables fully interchangeable with Cebora\* torches.





#### **PLASMA CB**

Cebora® style torch head with red or black handle, with HF, available on a range between 50A and 150A at 60%. Consumables fully interchangeable with Cebora® torches.













## CONNECTIONS

**PIN CONNECTIONS** 



**CENTRAL ADAPTORS** 



**TRAFIMECTOR®** 



#### **CONSUMABLES**

**ELECTRODES** 



**DIFFUSERS** 



**TIPS** 



**NOZZLES** 



STAND OFF GUIDES



# **TRAFIMECTOR**





PLASMA











#### M-SYSTEM®

The new M-SYSTEM® welding torches bring great innovation to welders: Designed to support continuous operations at high amperage, they are equipped with original Trafimet spare parts and new ergonomic solutions, such as the double joint, and a new rear box.

All models are equipped with the new safety system FLASH PROTECT®.









#### **ERGOPLUS**

This is the widest Trafimet torch range and includes manual and automatic torches. Available also on Remote control, Digit, Flexible versions and with special torch heads for specific applications. Spare parts are compatible with the most common European brands.



#### **ERGOLINE**

Trafimet entry level torch, with spare parts compatible with the most common European brands.





#### **TMAX**

The TMAX torches are available on air cooled version and on water cooled version. This torch has customized Trafimet heavy duty and long life consumables Trafimet branded.



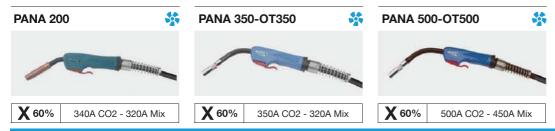
#### **TPLUS**

Trafimet style handle and torch body, available on air cooled version between 180A and 340 at 60% and on water wooled version between 300A and 500A at 100% with consumables compatible with Ergoplus torches and the most common European brands.



#### **PANA - OT**

Entry level torch with Trafi met Style handle, available on a range between 340A and 500A at 60% with consumables compatible with Panasonic® and OTC® torches.



#### **MEGA**

American style handle, available on a range between 200A and 500A at 60% with consumables compatible with Tweco® torches.





#### **TURBOPLUS - EXTRAPLUS TORCE E SISTEMI DI ASPIRAZIONE**

Il sistema di aspirazione fumi Trafimet è la soluzione più efficace ed economica per la salvaguardia della saluti degli operatori di saldatura. La gamma si compone di 15 torce, 3 aspiratori e una serie completa di accessori che ne fanno la soluzione ottimale per ogni esigenza operativa.



#### **TMEGA - TGASKISS**

Trafimet style handle, available on a range between 300A and 450A at 60% with consumables compatible with Tweco® - Tregaskiss® torches.



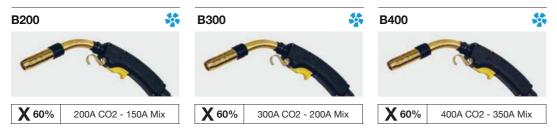
T

Entry level torch with American style handle, available on a range between 180A and 400A at 60% with consumables compatible with Tweco® torches.



В

Entry level torch with American style handle, available on a range between 200A and 400A at 60% with consumables compatible with Bernard® torches.











#### **REVOLUTION**



#### **PUSH PULL - SPOOL GUN**







#### KIT

**ERGODIGIT** 



**ERGOPLUS RC** 



#### **CONNECTIONS**

**EURO CONNECTORS** 



**EURO CONNECTORS** 



**CONNECTORS** 



**CONNECTORS - ADAPTORS** 



**SPARES** 

**LINERS** 



**SPECIAL APPLICATIONS** 



**HOSES - CONNECTORS** 



**RINGS** 



**TORCH HEADS** 



#### **CONSUMABLES**

**TIP HOLDERS** 



**DIFFUSERS** 



CONTACT TIPS



NOZZLES



MILLER®

**BERNARD®** 

TREGASKISS®

#### **BLISTERED SPARE PARTS**

**DISPLAY - BLISTER** 





#### **TORCE PER ROBOT RobotiZ®**

RobotiZ® is the line of torches that can be installed on multipurpose anthropomorphic robots dedicated to welding. Thanks to the high-quality materials, with extremely care and precision in the assembly, RobotiZ torches are particularly sturdy and able to guarantee extreme accuracy for TCP. RobotiZ torches are available in a range of models from 200A to 500A, with air or liquid cooling systems.



















#### **ANTISHOCK SYSTEM**

The RobotiZ device detects the collision with the activation of a switch and blocks the robot.

It comes standard with a kit of 3 sets of springs with a different hardness, so that you can choose the most suitable sensitivity of the device according to the type of application.



# A PATENTED COOLING SYSTEM FOR THE ZG300

Thanks to the particular conformation of the ducts inside the nozzle, a laminar distribution of the gas is obtained which is able to cool the nozzle better, guarantee excellent welding quality and prolong the life of the consumables.

# SYSTEM

**FLOW** 

# THE DUAL COOLING CIRCUIT OF THE ZW500

An independent dual cooling circuit, an internal one for the tip and an external one for the nozzle, allows the ZW500 to be used with high ampere values and sustained work.

WATER COOLING

# SYSTEM

robotiz.trafimet.com

**AIR COOLING** 



#### T-SYSTEM®

The new T-SYSTEM® torches are the most advanced TIG torches on the market, designed with a new ergonomy and new revolutionary rear housing assembly. Developed with a unique configuration system, to fully satisfy every need, with T-System® you can always order the right torch for you! All models are equipped with the new safety system FLASH PROTECT®.

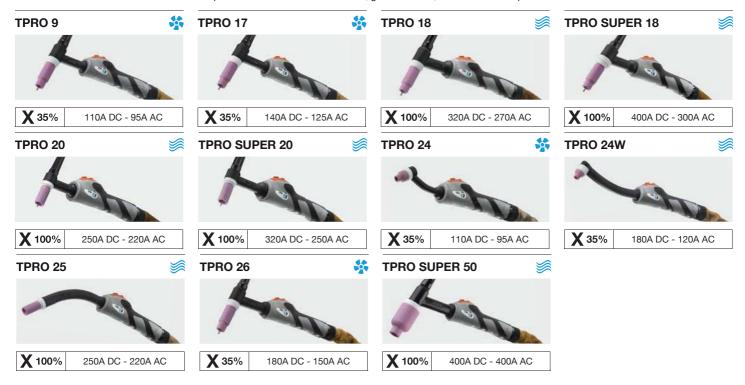






#### **TPRO**

New design with TPRO handle with grip, available with standard, flexible and high-cooling torch heads and three digital confi gurations. Torch is equipped with 70 cm leather cable and hi-tech cables. Coaxial power cable with 50mm connector, gas tube 1/4G, water tubes with quick connectors.



#### **INTERLOCK**

New design with TPRO handle with grip, fi tted with interchangeable torch heads available on three digital confi gurations, equipped with 70 cm leather cable and hi-tech cables.



#### **FLEXLOCK**

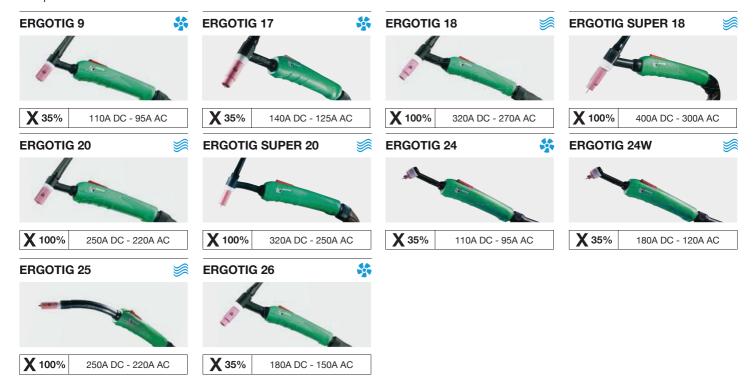
New design with TPRO handle with grip, fitted with interchangeable and 360° turning torch heads. Available on three digital configurations, equipped with 70 cm leather cable and hi-tech cables.





#### **ERGOTIG**

Ergotig handle, available with standard, fl exible and high-cooling torch heads. Standard coaxial power cable with 50mm connector, gas tube 1/4G, water tubes with quick connectors.



#### **TOP**

French trigger with Crouzet® contacts, rubber + 70 cm leather cables external cover, coaxial power cable with 0,10mm2 capillary tubes. Sylicon cables, gas tube with M12x1 connection, water tubes with quick connectors.





#### **COTON**

French trigger with Crouzet® contacts, cotton external cover, coaxial power cable with 50mm connector. Gas connection M12x1, water tubes with quick connectors.



#### **CLASSIC**

French trigger with Crouzet® contacts, rubber external cover, coaxial power cable with 50mm connector. Gas connection M12x1, water tubes with quick connectors.



#### **INTERLOCK**

French trigger with Crouzet® contacts, rubber external cover, coaxial power cable with 50mm connector. Gas connection M12x1, water tubes with quick connectors.



#### **ECO**

French trigger with Crouzet® contacts, rubber external cover, power cable with 50mm connector and separated gas tube with M12x1 nut.





#### TIG V

Tube handle, available with valve and valve fl exible torch heads. Coaxial power cable with 50mm connector and 2000mm gas tube.



#### **TIG US**

Ergotig torches with specifi c connection for American machines. Torches are made of separate power and gas cables in the air cooled version, while in water cooled version you can choose between rubber or vynil cover.







#### **CONNECTIONS**

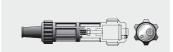
#### **CENTRAL ADAPTORS**



**CONNECTORS** 



#### SPECIFIC CONNECTIONS



#### **ELECTRIC PLUGS**



#### **CONSUMABLES & SPARES**

#### **TUNGSTEN ELECTRODES**



#### **TORCH HEADS**



#### **CONSUMABLES**

#### **CONSUMABLES**



**CONSUMABLES KIT** 



**MASTER KIT** 



**DISPLAY - BLISTER** 



#### **ACCESSORIES**

#### **QUICK CONNECTORS**



**REDUCTIONS** 



**CABLE CONNECTORS** 



#### **EASY 300 - 400 CLASSIC**

EASY 300 and EASY 400 CLASSIC are the Trafimet Tig cold wire feeders that can be combined with all the TIG generators and can be used both for manual welding and integrated with automatic systems and robots.

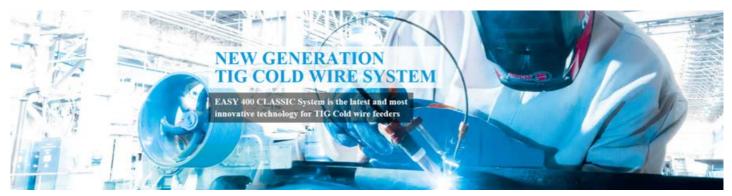
EASY 400 CLASSIC brings many innovation, including the portable control board and the possobility to save up to 16 welding jobs.

#### **EASY 300**



**EASY 400 CLASSIC** 









The innovative T-LINK® system represents a new frontier for the safety of the welder and is the only commercially available auto-darkening system that guarantees total eye protection during welding. With T-LINK® the filter is activated prior to the welding arc.

## T-LINK® system: Discover the 4 security configurations





1

Configuration with **MIG/MAG** torch adaptor

The universal T-LINK MIG/MAG torch system consists of a torch adaptor with EURO connection and the T-LINK filter.



Configuration with **TIG** torch adaptor

The universal T-LINK system for TIG torches consists of a torch adaptor with TSK50 connection and the T-LINK filter.



3

Configuration with Trafimet MIG/MAG T-LINK® torches

The T-LINK system applied to Trafimet MIG/MAG torches consists of a torch with integrated T-LINKEURO connection and T-LINK filter.



4

Configuration with Trafimet TIG T-LINK® torches

The T-LINK system applied to Trafimet TIG torches consists of a torch with integrated T-LINK - TSK50 adaptor and T-LINK filter.





# T-LINK® system: Configuration with MIG/MAG and TIG generators

Trafimet Group's proposal to the OEMs is the T-LINK BOARD, an electronic circuit board to be integrated with the welding generators, and communicating with the T-LINK filter or mask. Thanks to this solution, manufacturers can qualify their offer with a complete safety system. The T-LINK electronic board is available for MIG / MAG and TIG welding generators.







### WELDING KIT







#### **ELECTRODE HOLDERS**







#### **GROUND CLAMPS**









#### **WELDING CABLES**







#### **PLUGS AND SOCKETS**









#### **ACCESSORIES**

















#### **CHEMICAL PRODUCTS AND MARKING**













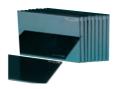
#### HAND SHIELDS AND HELMETS











#### **ELECTRONIC MASKS**

















**SPECTACLES AND GLASSES** 













**RESPIRATORY PROTECTIVE DEVICES - PARTICLE FILTERS** 









**PROTECTIVE CLOTHING** 

























**SAFETY SHOES** 



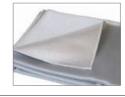




#### PROTECTIVE PANELS AND FIRE BLACKENTS











# **PRODUCT OVERVIEW 2017-2018**













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