



Origo™ Tig 3000i, TA24

For advanced industrial use and for repair and maintenance

Designed for high quality TIG-welding
This TIG machine will give a safe start and stable arc. All types of stainless and mild steel and most other materials, from plate thickness of 0.5 mm can be welded with high quality

Strong and reliable
A strong and reliable 300 A inverter power source with a wide working range. With this equipment it is possible to weld almost all material suitable for DC TIG and MMA welding processes.

Easy to use
Productivity with the right quality is important. The control panel Origo™ TA24 has all the necessary functions for TIG DC and MMA welding. All parameters presented in an easy to understand way.



Applications

- Repair and maintenance
- General fabrication and civil construction
- Process industry
- Shipbuilding and offshore
- Power generation
- Transport and mobile machinery

- ESAB 2-program function – provides the opportunity to pre-program and change program during actual welding for increased productivity.
- DC Pulsed TIG welding- easy control of heat input and the weld pool.
- Strong and reliable 300 A inverter power block- one machine for all types of demanding applications.
- Easy to use- All parameters presented in an easy to understand way.
- MMA welding – Handles all electrodes up to 5 mm.



Technical data

	Tig 3000i, TA24
Setting range TIG	4-300
Setting range MMA	16-300
Mains supply, V/ Ph	400/3
Fuse (slow), A	20
Mains cable, Ø mm ²	4x1.5
Maximum output	
at 35% duty cycle, TIG, A/V	300/22
at 60% duty cycle, TIG, A/V	240/19,6
at 100% duty cycle, TIG, A/V	200/18
Slope up, sec	0-10
Slope down, sec	0-10
Gas pre flow, sec	0-5
Gas post flow, sec	0-25
Pulse frequency DC, sec	0,01-2,5
Open circuit voltage, V	57-67
Power factor at 100% , at TIG mode	0.65
Efficiency at 100%, at TIG mode, %	77
Enclosure class	IP 23C
External dimensions mm, l x w x h	652x249x423
Weight, kg	30
Water cooling unit CoolMidi 1800:	
Cooling capacity, W, l/min	1600/1.2
Coolant volume, l	4.2
Max flow, l/min	4
Max pressure, 50/60 Hz bar	3/3.8
Weight, kg	19/23
External dimension, mm l x w x h	710x385x208

Origo™ Tig 3000i
For industrial use and for advanced repair and maintenance with two wheel trolley.

Quality accessories for the quality welder
ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at www.esab.com or contact your local ESAB dealer.

Ordering information

Origo™ Tig 3000i, TA24	0459 745 880
Cooling unit, CoolMidi 1800	0459 840 880
Trolley 2 wheel	0459 366 890
Trolley 4 wheel complete	0460 060 880
Remote control AT 1 CAN	0459 491 883
Remote control AT 1 CoarseFine CAN	0459 491 884
Remote control Foot FS 002 CAN	0349 090 890
Remote interconnection cables:	
5 m CAN	0459 554 880
10 m CAN	0459 554 881
15 m CAN	0459 554 882
25 m CAN	0459 554 883
Tig Torches:	
TXH 250w 4m	0460 013 840
TXH 250wF 4m	0460 013 841
TXH 200	0460 012 840
TXH 200 F	0460 012 842

Delivery content: 5 m of mains cable, 2 m of gas hose with 2 hose clamps, Return cable 4,5 m

Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We endeavour to offer our customers an After Sales service, which is second to none. A strong and skilful service organisation is prepared to offer service and maintenance, calibration, validation and upgrading of equipment and software.

The service organisation will offer standardised solutions for the reconditioning or modification of existing products.

Spare and wear parts are manufactured according to ESAB's quality plan. Exchange Printed Circuit Board (PCB), exchange modules and components are available for all our products in order to reduce downtime to an absolute minimum. ESAB is continuously upgrading authorised service partners for local service support. Customers who have their own service and maintenance personnel will always be offered a service-training package as part of a total ESAB offering. However, product and process training for end-users will form an additional part of the ESAB offering. Always ask your ESAB sales representative or distributor for a complete ESAB solution.



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