



Origo™ Tig 3000i AC/DC, TA24AC/DC

For welding of demanding TIG applications in all materials

Designed for high quality TIG-welding
In both DC and AC mode this TIG welding machine will give an excellent start and stable arc. All type of material and thickness can be welded with the highest quality.

AC welding with QWave™

One of the most important tasks of a TIG machine is to provide a stable arc. The Tig 3000i has the QWave™ function to give the best arc control and at the same time the lowest possible noise without compromising the weld result.

Easy to use

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



Applications

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

- Designed for quality TIG-welding in all types of material.
- QWave™- enables AC welding with high arc stability and low noise.
- AC frequency and balance control- Optimizes weld pole
- DC Pulsed TIG welding- give easy control of heat input and weld pool.
- ESAB 2-program function -possibility to preprogram and change program during actual welding. To increase productivity.
- Easy to use- All parameters presented in an easy to understand way.
- MMA welding - Hot start, Arc force, and polarity switch.



Origo™ Tig 3000i AC/DC
For industrial use and for advanced
repair and maintenance

Technical data

	Tig 3000i AC/DC
Setting range TIG AC/DC	4-300
Setting range MMA	16-300
Mains supply, V/Ph	400/3
Fuse (slow), A	20
Mains cable, Ø mm ²	4 x 1.5
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 postflow, sec	0-25
Pulse frequency DC, sec	0,01-2,5
Frequency AC, Hz	10-150
AC balance, %	50-98
Open circuit voltage, V DC	54-64 V
Power factor at 100%, at TIG mode	0.72
Efficiency at 100%, at TIG mode, %	67
Enclosure class	IP 23C
External dimensions mm, l x w x h	652x412x423
Weight, kg	42
Water cooling unit CoolMidi 1800:	
Cooling capacity, W, l/min	1600
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

Ordering information

Origo™ Tig 3000i AC/DC, TA24	0459 735 880
Cooling unit, CoolMidi 1800	0459 840 880
Trolley 2 wheel	0459 366 890
Trolley 4 wheel	0xxxxxxxxx
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
Interconnection cables Remote controls:	
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

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.

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.

*ESAB reserves the right to alter specifications without prior notice
ESAB is approved according to ISO 9001:2000*



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