

# Buddy™ TIG 400i

Robust Inverter for TIG and MMA welding



Buddy™ TIG 400i

## Rugged and Efficient

Buddy™ Tig 400i is an IGBT based inverter controlled power source meant for HF TIG and MMA welding in compliance with International Standards.

- Wide mains voltage tolerance - 400V +/-15%.
- Energy savings with low input current and high power factor.
- Suitable for all types of MMA electrodes (MSGP, LH and Cellulosic) with hot start, arc force & VRD.
- High Safety Standards with application class S rating for operating in conditions with high electrical hazards.

Visit [www.esabindia.com](http://www.esabindia.com) for more information.

## Industry

- Shipbuilding.
- General fabrication.
- Pipe welding.



TIG welding

## Specifications / Technical data

Mains supply, V/Ph, Hz	400 ± 15% / 3, 50
Effective input current, A	17
Permitted load at 40% duty cycle, A	400
Permitted load at 60% duty cycle, A	310
Permitted load at 100% duty cycle, A	250
Power factor at maximum current	0.90
Efficiency at maximum current, %	85
Current range: HF TIG/ MMA, A	5- 400/ 20- 400
Open circuit voltage(OCV), V	80
Reduced OCV (VRD), V	<15
Dimensions l x w x h, mm	540 x 280 x 510
Weight, kg	32.5
Operating temperature, degree C	-10 to 40
Enclosure class	IP21
Application class	S
Standards	IEC 60974- 1, IEC 60974- 10

## Ordering Information

Description	Part number	Description	Part number
Buddy™ Tig 400i	0700302000	TXH™ 401w 8M OKC 50	0700300567
TXH™ 201 4M OKC 50	0700300552	TXH™ 401w HD 4M OKC 50	0700300566
TXH™ 201 8M OKC 50	0700300555	COOLING UNIT, OCE 2H	0414191881
TXH™ 401w 4M OKC 50	0700300565	DURA ARGON	4330196510

Note: Buddy™ Tig 400i is delivered with 3m mains cable, 3m work cable with clamp, 3m gas hose with 2 hose camps.

**Eastern Regional Office**  
P41 Taratala Road  
Kolkata 700 088  
Tel : (033) 2401 9671  
Fax : (033) 2401 4427  
Email : eqptsales.er@esab.co.in

**Western Regional Office**  
501/502, 5th Floor, Sagar Tech-B  
Andheri Kurla Road, Saki Naka  
Andheri East, Mumbai 400 072  
Tel : (022) 2851 7386  
Fax : (022) 2852 4974  
Email : eqptsales.wr@esab.co.in

**Northern Regional Office**  
239 – 240, DLF Tower  
Shivaji Marg, Near Karampura  
Crossing, New Delhi 110 015  
Tel : (011) 4142 7091  
Fax : (011) 4142 7099  
Email : eqptsales.nr@esab.co.in

**Southern Regional Office**  
13, Industrial Estate, III Main Road,  
Ambattur, Chennai – 600 058  
Tel : (044) 4340 4809 / 10  
Fax : (044) 4340 4811  
Email : eqptsales.sr@esab.co.in

**Central Regional Office**  
No. 218, Ashirvad  
South Ambazari Road  
Bajaj Nagar, Nagpur 440 010  
Tel : (0712) 222 9547 / 48  
Fax : (0712) 222 9549  
Email : eqptsales.cr@esab.co.in



## ESAB / esabindia.com

Regd & H. O. : ESAB INDIA LIMITED  
13, Industrial Estate, III Main Road  
Ambattur, Chennai – 600058  
Email: equipment.sales@esab.co.in



COMPANY WITH  
MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =  
= ISO 14001 =  
= OHSAS 18001 =