

COMPACT CLADDING CELL

HMI T-21



TIG HW
SPEEDCLAD



FEATURES

- / High-performance overlay welding system on a very compact platform
- / For components with a bore diameter from 25 mm (0.98 inch)
- / TIG-HW and SpeedClad welding process
- / High-precision torch and component positioning for perfect welding results
- / One power supply for the entire system
- / Optional with protective curtains



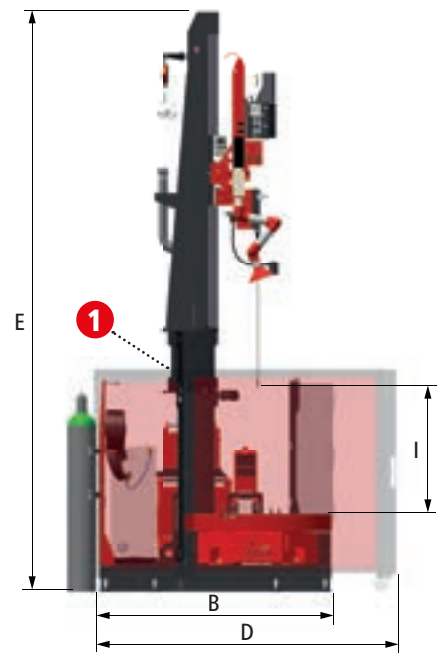
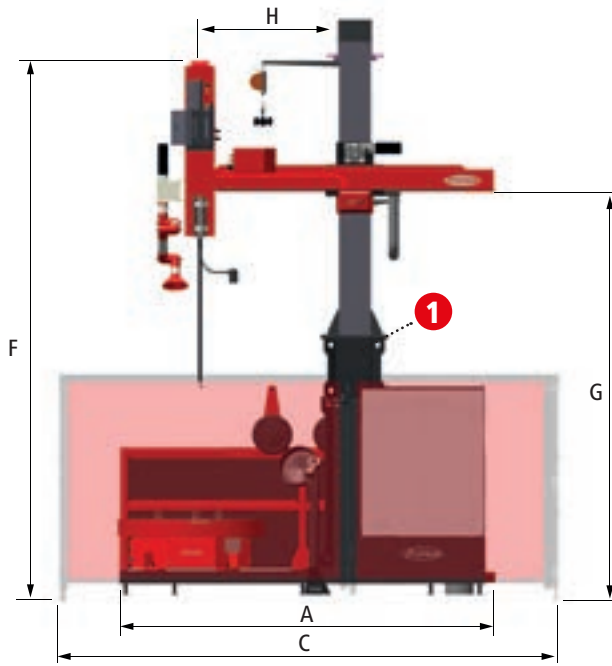
HIGH-END SYSTEM CONTROLLER

- / Portable control panel with 21" touch screen
- / Intuitive programming and control of all system components
- / Multi-user accounts with individual permission profiles
- / Real-time visualization of all welding parameters
- / Component programming with 3D visualization
- / Easy visually supported creation of welding programs
- / Data transfer via USB or network interface



COMPONENT DATA

Max. component height (torch working length=1m (39.37 in)) (* option: height extension)	1400 mm (55.11 in) 1900 mm* (74.80 in*)
Min. bore diameter	25 mm (0.98 in)
Max. outside diameter	1000 mm (39.37 in)
Max. weight	2500 kg (5511 lbs)



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OPTIONAL HEIGHT EXTENSION

When using the optional height extension, the values E, F, G, I, and the maximum component height change by +500 mm (19.68 in).

TECHNICAL DATA / DIMENSIONS

	MAINS VOLTAGE	A	B	C	D	E	F	G MIN / MAX	H	I
Standard height	400V/N/PE 50-60 Hz	3000 mm (118.11 inch)	1922 mm (75.66 in)	4098 mm (161.33 in)	2554 mm (100.55 in)	4223 mm (166.25 in)	4636 mm (182.51 in)	2064,5 mm (81.27 in) 3564,5 mm (140.33 in)	467 mm (18.38 in) 1767 mm (69.56 in)	1497 mm (58.93 in)
1 With height extension	400V/N/PE 50-60 Hz	3000 mm (118.11 inch)	1922 mm (75.66 in)	4098 mm (161.33 in)	2554 mm (100.55 in)	4723 mm (185.94 in)	5136 mm (202.20 in)	2564,5 mm (100.96 in) 4064,5 mm (160.01 in)	467 mm (18.38 in) 1767 mm (69.56 in)	1997 mm (78.62 in)

* Torch working length = 1 m (39.37 in)

/ Perfect Welding / Solar Energy / Perfect Charging

THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 5,440 employees worldwide and 1,264 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

Fronius Canada Ltd.
2875 Argentia Road, Units 4,5 & 6
Mississauga, ON L5N 8G6
Canada
Telephone +1 905 288-2100
Fax +1 905 288-2101
sales.canada@fronius.com
www.fronius.ca

Fronius USA LLC
6797 Fronius Drive
Portage, IN 46368
USA
Telephone +1 877 FRONIUS
sales.usa@fronius.com
www.fronius-usa.com

Fronius UK Limited
Maidstone Road, Kingston
Milton Keynes, MK10 0BD
United Kingdom
Telephone +44 1908 512 300
Fax +44 1908 512 329
info-uk@fronius.com
www.fronius.co.uk

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
Telephone +43 7242 241-0
Fax +43 7242 241-953940
sales@fronius.com
www.fronius.com