



ETR-S HMI-T21

The new ETR-S HMI-T21 cladding system sets standards in functionality and productivity. Significantly reduced set-up times, synchronized motion axes and compatibility with SpeedClad 2.0 ensure the best cladding performance.



PRODUCTIVITY AT A NEW LEVEL

- Synchronized motion axes enable welding of complex component geometries in a single pass
- Significantly reduced setup times due to automatic detection of part position in 3D space
- SpeedClad 2.0 compatible up to 3x higher cladding performance compared to conventional TIG hotwire welding processes

HMI-T21 - THE NEW CONTROLLER GENERATION

- 21" touch screen user interface
- Multi-user accounts with individual permissions
- Intelligent functions such as "X-Ray View", 3D
 Component Editor, Weld Editor, Bore-to-Bore
 Advanced, real-time actual value monitoring,
 STEP file import of component data, etc.

BASIC EQUIPMENT

- ETR weld head
- Column & boom FCB with slewing ring unit and mounted platform for the welding equipment
- Power source equipment
- HMI-T21 system controller with HMI-RC remote control

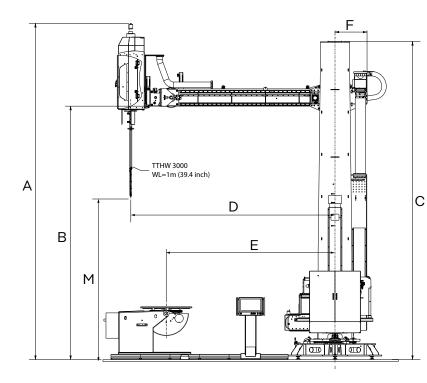
OPTIONS / ACCESSORIES

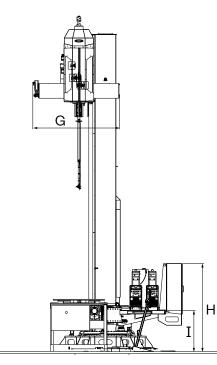
- Tilting positioner
- Horizontal rotation table
- TTHW cladding torches
- Air condition for control cabinet
- HMI Cladding Offline Editor, CAD data import (STEP), HMI-AVR Pro
- PC software DataLogger HMI, DataViewer HMI

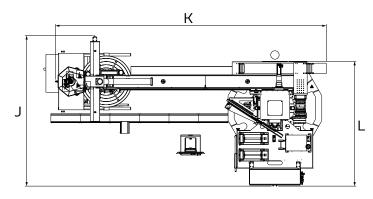
Technical Data

Technical data									
Mains voltage	400V (L1/L2/L3/N/PE), 50/60 Hz								
Power consumption max.	50 kVA								
Prefuse type	3 x 80 A								
Ambiant temperature	5-40°C (41-104°F)								
Humidity	max.50% (40 °C / 104 °F)								

		Dimensions												
	A max	B min/max	С	D min/max	E max	F	G	н	I	J	K max	L	М	Total weight
	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	mm [inch]	kg [lbs]
ETR-5 with F0 3000/30	в	980 / 3980 [38.58 / 156.69]	5438 [214.09]	1840 / 4840	4000	3850	2055	2096	984	3570	6400	2959	2369 [93.27]	6490 [14308]
ETR-5 with F0 5000/30	в	1005 / 6005 [39.56 / 236.41]	7538 [296.77]	[72.44 / 190.55]	[157.57]	[151.57]	[80.90]	[82.51]	[38.74]	[140.55]	[251.96]	[116.49]	4394 [173]	7170 [15807]







Text and images correspond to the current state of technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing - liability excluded. Copyright © 2022 Fronius[™]. All rights reserved.