

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													Total weight kg [lbs]
	A max mm [inch]	B min/max mm [inch]	C mm [inch]	D min/max mm [inch]	E max mm [inch]	F mm [inch]	G mm [inch]	H mm [inch]	I mm [inch]	J mm [inch]	K max mm [inch]	L mm [inch]	M mm [inch]	
ETR-S with FCB 3000/3000	5975 [235.23]	980 / 3980 [38.58 / 156.69]	5438 [214.09]	1840 / 4840 [72.44 / 190.55]	4000 [157.57]	3850 [151.57]	2055 [80.90]	2096 [82.51]	984 [38.74]	3570 [140.55]	6400 [251.96]	2959 [116.49]	2369 [93.27]	6490 [14308]
ETR-S with FCB 5000/3000	8000 [314.96]	1005 / 6005 [39.56 / 236.41]	7538 [296.77]										4394 [173]	7170 [15807]

