Conventional Cladding System HMI-T21

MAXIMUM PERFORMANCE & HIGH PRECISION

– State-of-the-art control and drive technology ensures an even more precise cladding process

– Motorized tiltable torch head (0-90°) for maintaining the optimum welding position

–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, CAD data import

BASIC EQUIPMENT

– 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

– Motorized slewing ring unit

– TTHW cladding torches

– Air condition for control cabinet

– Oscillation function (OSC)

– HMI Cladding Offline Editor, CAD data import (STEP), HMI-AVR Pro

– PC software DataLogger HMI, DataViewer HMI

Technical data

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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 mm *[inch]*	B mm *[inch]*	C mm *[inch]*	D min/max mm *[inch]*	E min/max mm *[inch]*	F mm *[inch]*	G max mm *[inch]*	H max mm *[inch]*	I max mm *[inch]*	J min/max mm *[inch]*	Total weight *kg [lbs]*
CCS with FCB 3000/3000	5438 *[214.09]*	2934 *[115.51]*	1143 *[45.00]*	980 / 3980 *[38.58/ 156.69]*	883,5 / 3883,5 *[34.78/ 152.89]*	5375 *[211.61]*	4920 *[193.70]*	4157 *[163.66]*	4800 *188.97]*	0 / 2101mm *[0 / 82.71]*	5750 kg *[12676.58]*
CCS with FCB 5000/3000	7538 *[296.77]*			1005 / 6005 *[39.56/ 236.41]*						0 / 4126mm *[0 / 162.44]*	6300 kg *[13889.12]*