

# MULTITECH EVO 505

**E** > **BRIGHT EVOLUTION**

**SINGLE PULSE READY**



## DRIVE ROLLS INCLUDED

**Drive Rolls (mounted)** 33805101

Ø 30 mm • 0,8 - 1,0 mm

**Drive Rolls** 33805058

Ø 30 mm • 1,2 - 1,6 mm

## UPGRADE AVAILABLE



**Ready Pulse**  
99990302

PULSE mode activation through a unic Key code

## OPTIONAL DUST FILTER

**DUST FILTER** 22800120



## HELVI CONFIGURATION KIT

	<b>EVO 505</b>
<b>Power source</b>	Multitech EVO 505 99850007
<b>Ground cable</b>	70 mm <sup>2</sup> · 3 m 43210223
<b>Separate Wire Feeder</b>	<b>Z4W</b> (wheels included) 99420074
<b>Interconnection cable</b>	70mm <sup>2</sup> · 5,0 m · water cooled 44890364
<b>Cooler unit</b> (with cooling liquid tank)	<b>XL</b> 99490024K
<b>Trolley</b>	<b>Trolley ECO</b> 99900187
<b>Configuration Kit Code</b>	<b>99855011K</b>

# MULTITECH

## RANGE

MULTIPROCESS 3PH

MULTITECH EVO 505			
Input Voltage	(3ph) 400V ± 10% 50/60Hz		
Power 60%	22 KVA		
	MMA	TIG	MIG
U <sub>0</sub>	82 V	12 V	82 V
Amp. Min-Max	10 ÷ 500 A	5 ÷ 500 A	30 ÷ 500 A
Duty Cycle 40°	500A 60% 400A 100%	500A 60% 400A 100%	500A 60% 400A 100%
Ø Aluminium	-	-	0,8 ÷ 1,6 mm
Ø Steel	-	-	0,6 ÷ 1,6 mm
Ø Flux Core	-	-	0,8 ÷ 1,6 mm
Ø Stainless Steel	-	-	0,8 ÷ 1,6 mm
Ø E	1,6 ÷ 8 mm	-	-
Electr. type	6010 - 6011 - 6013 - 7018 Cast Iron - Alu - CrNi		
Insulation	H		
Protec. degree	IP23S		
Dimens. (LxWxH)	650x320x530 mm		
Box (LxWxH)	Power source 810x390x630 mm Wire feeder 695x315x500 mm Cooler unit 800x380x320 mm Trolley 510x1035x300 mm		
Weight box/net	Power source 53,5 / 51 kg Wire feeder 22 / 20,8 kg Cooler unit 24,6 / 25,4 kg Trolley 26,4 / 25,4 kg		
Code	99855011K		

### EXTRA ACCESSORIES

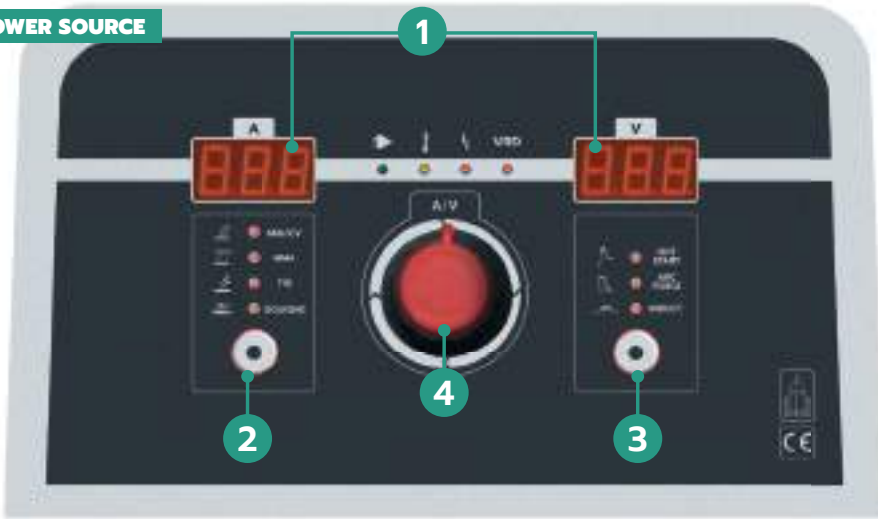
99490023K	Cooler unit "HD" with generator support • 230/400/440 V • 50/60 Hz
21905100	Adjustable face shield VISION 21 • 2 sensors
21905147	Adjustable face shield VISION 41 • 4 sensors
21905151	Adjustable face shield STORM VISION 41 • 4 sensors • powered AIR purifying respirator
21905133	HD welding gloves for TIG welding
21905134	HD welding gloves for MIG/MMA welding
23000431	MIG torch TBi 360 • 4,0 meters
23000444	MIG torch TBi 511 • 4,0 meters • water cooled
23000462	MIG torch M3X 500 SC • 3,0 meters • water cooled
23000460	MIG torch M3X 500 SC • 4,0 meters • water cooled
23000463	MIG torch M3X 500 SC • 5,0 meters • water cooled
23020154	TIG torch Ergotig 26V • 4 m • 50 mm <sup>2</sup> • air cooled
43205037K	Electrode holder • 5 m • 50 mm <sup>2</sup> • 500 Amp • connector 70 mm <sup>2</sup>
44890362	Interconnection cable • 70 mm <sup>2</sup> • 5,0 meters • air cooled
44890363	Interconnection cable • 70 mm <sup>2</sup> • 10,0 meters • air cooled
44890365	Interconnection cable • 70 mm <sup>2</sup> • 10,0 meters • water cooled
22905029	Pressure regulator CO <sub>2</sub>
22910014	Adaptor for gas bottle CO <sub>2</sub> Argon
33805104	Drive roll • Ø 30 mm • 0,8 - 1,0 mm • for Aluminium
33805115	Drive roll • Ø 30 mm • 1,0 - 1,2 mm • for Aluminium



# CONTROL PANEL

## MULTITECH RANGE MULTIPROCESS 3PH

### POWER SOURCE



- 1 Display · Display · Pantalla · Display · Afficheur graphique
- 2 Process Selection · Selezione processo · Selección del proceso  
Mode-Taste · Sélection du procédé
- 3 MMA: Hot Start / Arc Force  
MIG: Inductance · Induttanza · Inductancia · Induktivität · Inductance
- 4 Regulation knob · Manopola di regolazione · Mando de regulación  
Einstellknopf · Bouton de réglage

### WIRE FEEDER

### POWER SOURCE COMPACT VERSION



- 1 Display · Display · Pantalla · Display · Afficheur graphique
- 2 Regulation knobs · Manopole di regolazione  
Mandos de regulación · Einstellknöpfe · Boutons de réglage
- 3a MIG: Spot welding time · Tempo puntatura  
Tiempo de punteado · Punktschweißen Zeit  
Pointage temps · MMA: Arc Force
- 3b MIG man:  
Inductance · Induttanza · Inductancia  
Induktivität · Inductance  
MIG syn:  
Dynamics · Dinamica · Dinámica · Dynamik · Dynamique
- 4 Process Selection · Selezione processo · Selección del proceso  
Mode-Taste · Sélection du procédé
- 5 MIG: 2T/4T Spot - Hot Start - Setup menu
- 6 Parameters Save & Recall · Salvataggio e richiamo  
parametri Memorias de programas del operador  
Speichern und Abrufen der Parameter  
Enregistrement et rappel des points opérateur

