



YOUR BRAND, YOUR WELDING

DUAL TORCH



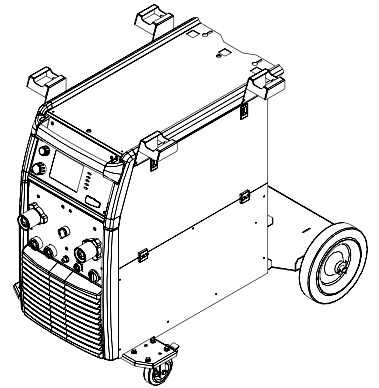
YOUR BRAND, YOUR WELDING

TM 242^{EVO}

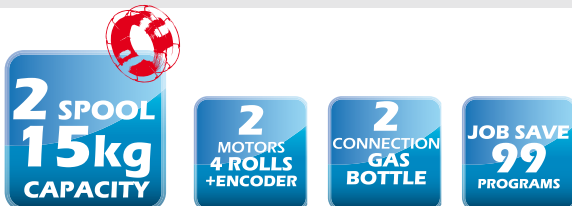


ADVANTAGES

- Aluminium welding
- Brazing for zinc steel
- Brazing with CuSi - CuAl - AlBz
- Thickness from 0.7 mm
- Double torch to use two different materials with only one machine
- LCD display 5.7" with easy setting
- Synergic programs available
- Tig Lift arc process
- MMA process
- SD card for programs saving and upgrading
- HSF - DSF special process available
- Special welding programs available



- Saldatura di alluminio
- Brasatura per acciaio zincato
- Brasatura con CuSi - CuAl - AlBz
- Spessore da 0,7 millimetri
- Doppio torcia per utilizzare due diversi materiali, con solo 1 macchina
- Display LCD da 5,7 " con facile regolazione
- Programmi sinergici
- Processo Tig Lift
- Processo MMA
- SD Card per salvataggio ed aggiornamento programmi
- Disponibilità processi speciali HSF - DSF
- Programmi speciali di saldatura

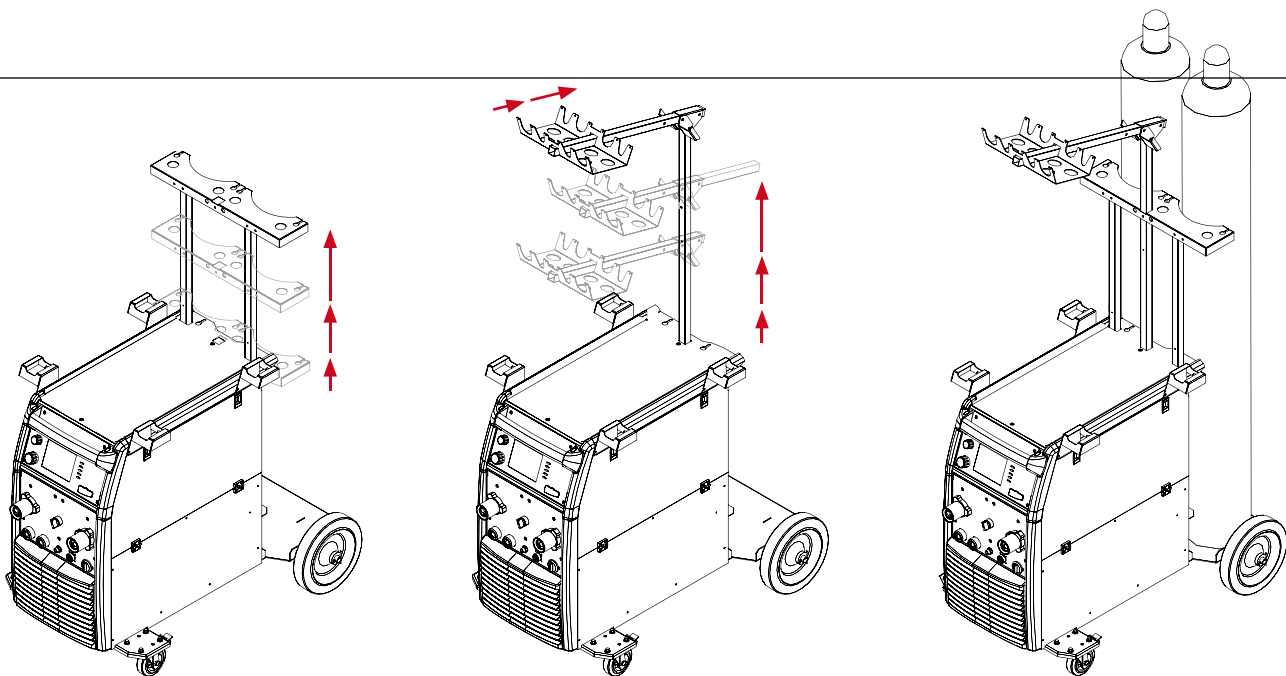


- ✓ 2 Torches
- ✓ 2 Gas bottles
- ✓ The most user friendly

- ✓ 2 Torce
- ✓ 2 Bombole
- ✓ La più facile

TWO MACHINES IN ONE

DUE MACCHINE IN UNA



DSF
DUAL
SHORT
FIMER

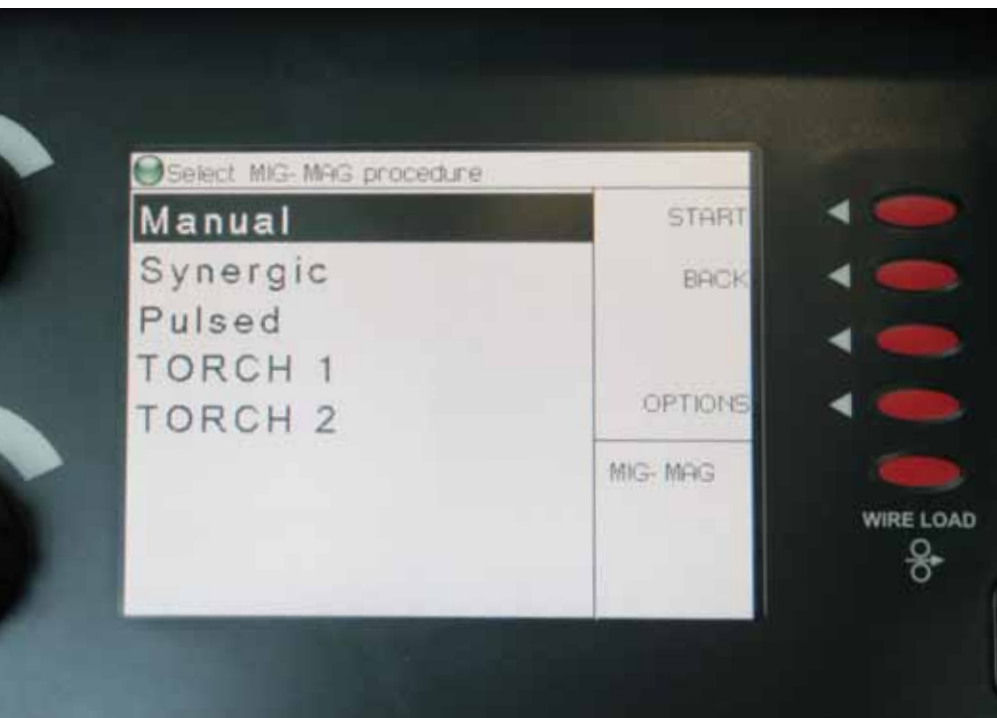

HSF
HIGH SPEED
FIMER

**DUAL
PULSE**







PULSE

ADVANTAGES

- Double torch to increase the production and working flexibility, shifting from one material to another without losing time.
- Doppia torcia per garantire la massima produttività e velocità di utilizzo, passando da un materiale all'altro senza perdere tempo.

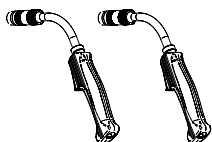


SET UP POSSIBLE CONFIGURATION

	TORCH ONE	TORCH TWO
Example 1		
Example 2		
Example 3	 Ø 0.8 mm	 Ø 1.0 mm

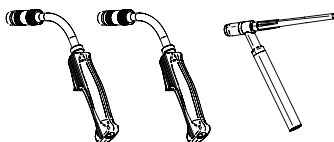
Configuration 1

- 2 MIG torches



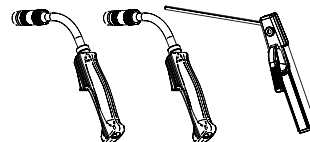
Configuration 2

- 2 MIG torches
- 1 TIG torch (Lift)



Configuration 3

- 2 MIG torches
- 1 MMA clamp



ONLY 3 STEPS TO ROCK'N ROLL

1.

2.

3.

● Select material	
Fe ArCO2 80/20	START
CrNi ArCO2 98/2	BACK
	OPTIONS
	MIG-MAG
	Hsf

● Select wire diameter	
0,8 mm	START
1,0 mm	BACK
1,2 mm	
1,6 mm	
	OPTIONS
	MIG-MAG
	Hsf
	Fe

● Ready to weld		
66A	START	
14,2v	BACK	
> 1,8m/'	MEM+	
0,9m/'	PURGE	
voltage	0,0V	MIG-MAG
deposit	0,0m/'	HSF
inductance	0	Fe
DSF	OFF	1,0 mm
L1 span	0,3s	

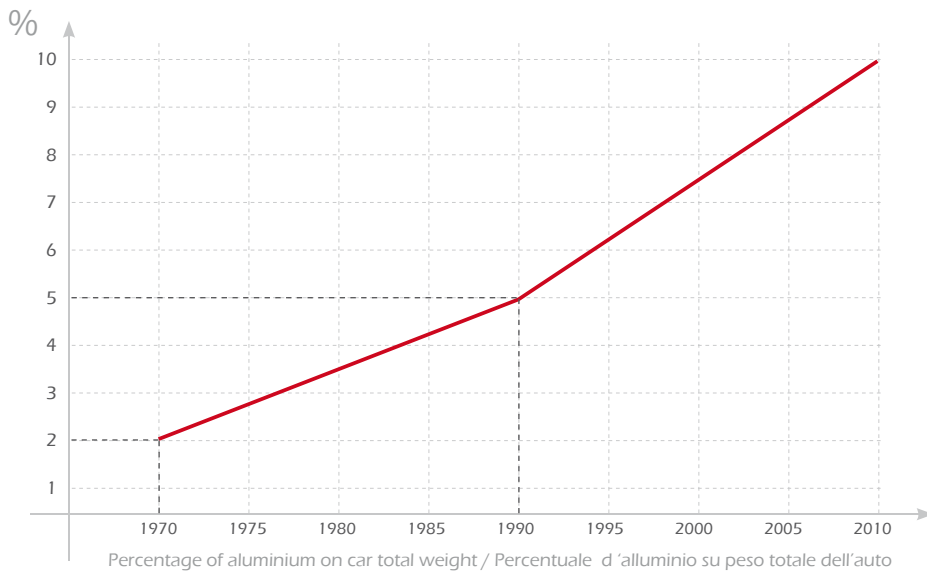
OPTIONS	
	MIG-MAG
	HSF
	Fe

OPTIONS	
	MIG-MAG
	HSF
	Fe

PURGE	
	MIG-MAG
	HSF
	Fe

ALUMINIUM IN AUTOMOTIVE HISTORY

EVOLUZIONE DEL ALLUMINIO NEL SETTORE AUTOMOTIVE



Due to the increased use of aluminum, especially in the automotive industry, is arosed the request to create machines to weld thin components made by steel and aluminium aswell.

A causa dell'incremento dell'utilizzo di alluminio, specialmente nel settore automobilistico, nasce l'esigenza di creare macchine per poter saldare spessori fini sia di acciaio che alluminio.

OUR SOLUTIONS

BASE MATERIAL

Series 4000
Series 5000
Series 6000

FIMER SYNERGIC PROGRAMS



FILLER MATERIAL

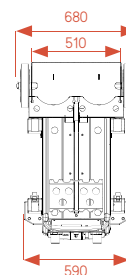
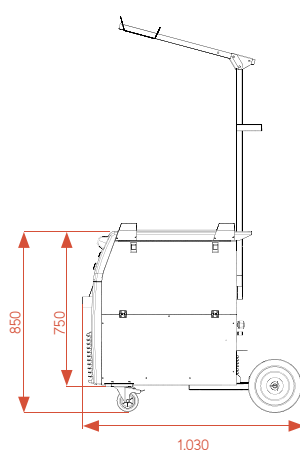
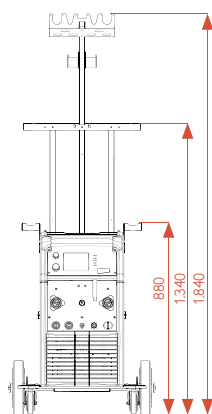
Series 5356
Series 5556
Series 5554



FILLER MATERIAL

Series 4043
Series 4046
Series 4047

General synergic programs		General synergic programs	
	Mild/Steel Acciaio Al Carbonio		Galvanized steel / Acciaio rivestito
	Inox 308		
	Inox 316	 Ø 1.0 mm	



TM 242 EVO

Code Codice		5T5.242.102
Process Processo		MIG-MAG
Supply voltage Tensione Alimentazione		1 x 230 V
Output range Output range		15 - 220 A
Duty Cycle	35%	220 A
	60%	160 A
	100%	130 A
Open circuit voltage Tensione a vuoto		55 V
Frequency Frequenza di rete		1 ~ 50 / 60 Hz
Mains fuses (delayed action) Fusibile di rete ritardato		20 A
Max. connected power Pot. massima assorbita		4.9 kVA
Recommended generator rating Pot. consigliata collegamento		8.3 kVA
Cos φ		0.7
Protection classification Tipo di protezione		IP 23 s
Insulation class Classe isolamento		H
Rolls Rulli trainafilo		4
Wire speed Velocità del filo		2 - 22 m/min
Torch connection Collegamento torcia		Euro
Weight Peso		83 Kg
Dimensions (WxLxH) Dimensioni		680 x 1030 x 880 (with bottle gas support 680 x 1030 x 1340)
Wire Filo Ø		0.6 - 1.2
Rolls equipped Rullini di serie		0.6 - 0.8 D.30 V (4 pcs)
Extra Rolls included Rullini extra inclusi		1.0 - 1.2 D.30 U (2 pcs)

Features - Funzioni

Synergic Fe - CrNi - CrNiMo - CuSi - CuAl - AlBz - Al	*
Pre gas/post gas	* / *
Soft start / Burn back	*
Display	*
Start / End current	* / *
Slope up / Down	* / *
Double short	*
HSF	*
Pulse	*
Double pulse	*
Job save	*



FIMER S.p.A.

Via J.F. Kennedy - 20871 Vimercate (MB) Italy - Phone: +39 039 98981 - Fax +39 039 6079334
www.fimer.com - info@fimer.com