

**Saldatrici/Generatori  
per motosaldatrici  
con processo di saldatura SMAW**

*Welders/Generators  
for engine-driven welders  
with SMAW welding process*

**LISTINO PREZZI 06.2022  
PRICE LIST 06.2022**



Made in Italy



 **sincro**<sup>®</sup>

**STEP WELDING REGULATION**

EASY CONTROL OF THE WELDING CURRENT | **ELECTROMECHANICAL TECHNOLOGY**

MODEL	POLES	ENGINE (RPM)	DUTY CYCLE (35%)	WELDER	ALTERNATOR (AC)	PANEL (basic version)	COUPLINGS (standard)	€ PRICE
EA130 MAC/2 EW130 MAC/2	2	3000/50Hz	130 A	AC	1-phase	only welding	J609b (c22,14/25,4/35)	844,00

IP23. Full pallet 20 units

EA180 MAC/2 EW180 MAC/2	2	3000/50Hz	180 A	AC	1-phase	only welding	J609b (c22,14/25,4/35)	903,00
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IP23. Full pallet 20 units

EA200 MAC/2 EW200 MAC/2	2	3000/50Hz	200 A	AC	1-phase	only welding	J609b (c22,14/25,4/35)	1.123,00
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IP23. Full pallet 20 units

ED170 MDC/2 EW170 MDC/2	2	3000/50Hz	170 A	DC	1-phase	only welding	J609b (c22,14/25,4/35)	1.054,00
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IP23. Full pallet 20 units

ED200 MDC/2 EW200 MDC/2	2	3000/50Hz	200 A	DC	1-phase	only welding	J609b (c22,14/25,4/35)	1.248,00
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IP23. Full pallet 20 units

ED220 MDC/2 EW220 MDC/2	2	3000/50Hz	220 A	DC	1-phase	only welding	J609b (c22,14/25,4/35)	1.275,00
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IP23. Full pallet 20 units

ED220 TDC/2 EW220 TDC/2	2	3000/50Hz	220 A	DC	3-phase	only welding	J609b (c22,14/25,4/35)	1.310,00
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IP23. Full pallet 20 units

ARC280 TDC/4	4	1500/50Hz	280 A	DC	3-phase	only welding	J609b (c35)	3.751,00
ARC300 MDC/2	2	3000/50Hz	300 A	DC	1-phase	only welding	J609b (c35)	2.211,00
ARC300 TDC/2	2	3000/50Hz	300 A	DC	3-phase	only welding	J609b (c35)	2.216,00
ARC400 TDC/2	2	3000/50Hz	400 A	DC	3-phase	only welding	J609b (c35)	3.729,00

IP23. Full pallet 5 units

**PERSONALIZZAZIONI ELETTRICHE | ELECTRICAL CUSTOMIZATIONS**

Tensione speciale	Special Voltage	+ 10%
Tropicalizzazione	Tropicalisation	80,00 €

**ACCOPIAMENTI | COUPLINGS**

IM B34	EA, ED, EW € 53,00	ARC € 80,00	B3/B9 cone 23	€ 54,00 (EA, ED, EW for quantity less than 5 pieces)
SAE 5, SAE 4 (EA, ED, EW only SAE5)	€ 80,00	B3/B9 cone 30	+ 5% (EA, ED, EW)	
SAE3	ARC300 € 177,00	ARC280, ARC400 € 145,00	B3/B9 cone 38	+ 10% (ARC280, ARC300, ARC400)

**ELECTRONIC WELDING REGULATION**

EXCELLENT PRECISION OF THE WELDING CURRENT | **SCR TECHNOLOGY**



- HOT START** dispositivo che facilita l'innesco dell'arco elettrico. *Device facilitating electric arc striking*
- ARC FORCE** dispositivo che evita il corto circuito. *Device avoiding short circuits*
- ANTI STICKING** dispositivo che evita l'incollaggio dell'elettrodo. *Device avoiding electrode to be welded*
- REMOTE CONTROL** dispositivo che regola la corrente di saldatura a distanza. *Device regulating welding current at a distance*

MODEL	POLES	ENGINE (RPM)	DUTY CYCLE (35%)	WELDER	ALTERNATOR (AC)	PANEL (basic version)	COUPLINGS (standard)	€ PRICE
SW-E220 TDC/2	2	3000/50Hz	220 A	DC	3-phase	WT02	J609b (c22,14/25,4/35)	2.754,00
SW-F300 MDC/2	2	3000/50Hz	300 A	DC	1-phase	WM06	J609b (c25,4/35)	3.310,00
SW-F300 TDC/2	2	3000/50Hz	300 A	DC	3-phase	WT06		3.459,00
SW-I500 TDC/4	4	1500/50Hz	500 A	DC	3-phase	WT07	SAE4, SAE3, IM B34	6.896,00

**FORNITE CON QUADRO MONTATO | EQUIPPED WITH ASSEMBLED PANEL**

IP23. Full pallet: 4 units (SW-E), 5 units (SW-F), 1 unit (SW-I)

**PERSONALIZZAZIONI ELETTRICHE | ELECTRICAL CUSTOMIZATIONS**

Tensione speciale	Special voltage	+ 10%
Tropicalizzazione	Tropicalization	80,00 €

**ACCOUPIAMENTI | COUPLINGS**

IM B34	SW-E220 53,00 €	SW-F300 80,00 €	SAE 5, SAE 4	SW-E220 (only SAE 5), SW-F300 80,00 €
			SAE 3	SW-F300 177,00 €

Condizioni generali di fornitura [www.sogaenergyteam.com/it/condizioni-general-fornitura/](http://www.sogaenergyteam.com/it/condizioni-general-fornitura/)

General terms of supply [www.sogaenergyteam.com/general-terms-of-supply/](http://www.sogaenergyteam.com/general-terms-of-supply/)



SW-I500

SW-F300

SW-E220

ARC280/400

ARC300

ED220

EA180-200

## STEP REGULATION

### EA | ED | EW MDC

DESCRIZIONE	DESCRIPTION	€	
<b>WM01</b>	<ul style="list-style-type: none"> <li>• 2 schuko • termico*</li> <li>*170A: 1 termico. Da 190A: 2 termici</li> </ul>	<ul style="list-style-type: none"> <li>• 2 schukos • thermal prot.*</li> <li>*170A: 1 thermal prot. From 190A: 2 thermal prot.</li> </ul>	25,00
<b>WM02</b>	<ul style="list-style-type: none"> <li>• 2 schuko • termico* • voltmetro</li> <li>*170A: 1 termico. Da 190A: 2 termici</li> </ul>	<ul style="list-style-type: none"> <li>• 2 schukos • thermal prot.* • voltmeter</li> <li>*170A: 1 thermal prot. From 190A: 2 thermal prot.</li> </ul>	43,00
<b>WM03</b>	<ul style="list-style-type: none"> <li>• 1 CEE 230V (2P+T) 16A • 1 schuko • 2 termici</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 230V (2P+E) 16A • 1 schuko • 2 thermal prot.</li> </ul>	32,00

### ED | EW TDC

DESCRIZIONE	DESCRIPTION	€	
<b>WT01</b>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 schuko</li> <li>• termico monofase</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A</li> <li>• 1 schuko</li> <li>• single-phase thermal prot.</li> </ul>	35,00
<b>WT02</b>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 schuko • termico monofase</li> <li>• voltmetro</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A</li> <li>• 1 schuko • single-phase thermal prot.</li> <li>• voltmeter</li> </ul>	53,00
<b>WT03</b>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 CEE 230V (2P+T) 16A</li> <li>• termico monofase</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A</li> <li>• 1 CEE 230 (2P+E) 16A</li> <li>• single-phase thermal prot.</li> </ul>	41,00

### ARC280 TDC

DESCRIZIONE	DESCRIPTION	€	
<b>WT04</b>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 CEE 230V (2P+T) 16A • termico monofase</li> <li>• interruttore magnetotermico quadripolare + coperchio IP65 • contaore</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (2P+N+E) 16A</li> <li>• 1 CEE 230 (2P+E) 16A • single-phase thermal prot.</li> <li>• 4-pole magnetothermic switch + IP65 cover</li> <li>• hour-counter</li> </ul>	447,00
<b>WT05</b>	WT04 + differenziale (Id = 0,03A)	WT04 + earth leakage breaker (Id = 0.03A)	495,00

### ARC300 MDC

DESCRIZIONE	DESCRIPTION	€	
<b>WM04</b>	<ul style="list-style-type: none"> <li>• 2 CEE 230V (2P+T) 16A</li> <li>• 2 termici monofase</li> <li>• interruttore magnetotermico bipolare + coperchio IP65 • contaore</li> </ul>	<ul style="list-style-type: none"> <li>• 2 CEE 230 (2P+E) 16A</li> <li>• 2 single-phase thermal prot.</li> <li>• 2-pole magnetothermic switch + IP65 cover</li> <li>• hour-counter</li> </ul>	294,00
<b>WM05</b>	WM04 + differenziale (Id = 0,03A)	WM04 + earth leakage breaker (Id = 0.03A)	414,00

### ARC300 TDC

DESCRIZIONE	DESCRIPTION	€	
<b>WT04</b>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A • 1 CEE 230V (2P+T) 16A</li> <li>• termico monofase • interruttore magnetotermico quadripolare + coperchio IP65 • contaore</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A • 1 CEE 230V (2P+E) 16A</li> <li>• single-phase thermal prot. • 4-pole magnetothermic switch + IP65 cover • hour-counter</li> </ul>	351,00
<b>WT05</b>	WT04 + differenziale (Id = 0,03A)	WT04 + earth leakage breaker (Id = 0.03A)	429,00

**ARC400 TDC**

DESCRIZIONE	DESCRIPTION	€
<b>WT04</b> <ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 CEE 230V (2P+T) 16A</li> <li>• termico monofase</li> <li>• interruttore magnetotermico quadripolare + coperchio IP65 • contaore</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A • 1 CEE 230V (2P+E) 16A</li> <li>• 4-pole magnetothermic switch + IP65 cover</li> <li>• single-phase thermal prot</li> <li>• hour-counter</li> </ul>	<b>435,00</b>
<b>WT05</b> WT04 + differenziale (Id = 0,03A)	WT04 + earth leakage breaker (Id = 0.03A)	<b>509,00</b>

**ELECTRONIC REGULATION**

**SW-E220 TDC**

DESCRIZIONE (QUADRO MONTATO DI SERIE)	DESCRIPTION (PANEL STANDARD EQUIPPED)
<b>WT02</b> <ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 schuko</li> <li>• termico monofase</li> <li>• voltmetro</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A</li> <li>• 1 schuko</li> <li>• single-phase thermal prot.</li> <li>• voltmeter</li> </ul>

**SW-F300 MDC | TDC**

DESCRIZIONE (QUADRO MONTATO DI SERIE)	DESCRIPTION (PANEL STANDARD EQUIPPED)
<b>WM06</b> <ul style="list-style-type: none"> <li>• 2 CEE 230V (2P+T) 16A</li> <li>• 2 termici monofase</li> <li>• interruttore magnetotermico bipolare + coperchio IP65</li> </ul>	<ul style="list-style-type: none"> <li>• 2 CEE 230V (2P+E) 16A</li> <li>• 2 single-phase thermal prot.</li> <li>• 2-pole magnetothermic switch + IP65 cover</li> </ul>
<b>WT06</b> <ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 16A</li> <li>• 1 CEE 230V (2P+T) 16A</li> <li>• termico monofase</li> <li>• interruttore magnetotermico quadripolare + differenziale (Id=0,03A) + coperchio IP65</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 16A</li> <li>• 1 CEE 230V (2P+E) 16A</li> <li>• single-phase thermal prot.</li> <li>• 4-pole magnetothermic switch + earth leakage breaker (Id=0.03A) + IP65 cover</li> </ul>

**SW-I500 TDC**

DESCRIZIONE (QUADRO MONTATO DI SERIE)	DESCRIPTION (PANEL STANDARD EQUIPPED)
<b>WT07</b> <ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+T) 32A</li> <li>• 1 CEE 230V (2P+T) 32A</li> <li>• 1 schuko</li> <li>• termico monofase</li> <li>• interruttore magnetotermico quadripolare + differenziale (Id=0,03A) + interruttore magnetotermico bipolare + coperchio IP65</li> <li>• voltmetro + frequenzimetro + amperometro + contaore (strumento digitale di rilevazione dati)</li> </ul>	<ul style="list-style-type: none"> <li>• 1 CEE 400V (3P+N+E) 32A</li> <li>• 1 CEE 230V (2P+E) 32A</li> <li>• 1 schuko</li> <li>• single-phase thermal prot.</li> <li>• 4 pole magnetothermic switch + earth leakage breaker (Id=0.03A) + 2 pole magnetothermic switch + IP65 cover</li> <li>• voltmeter + frequencymeter + ammeter + hour counter (digital measurement instrument)</li> </ul>



• CONFIGURAZIONI A 60 Hz E ALTRE SU RICHIESTA  
• QUADRO SALDATURA E CAVI USCENTI

• 60 Hz AND OTHER CONFIGURATIONS  
• WELDING PANEL WITH LOOSE EXIT CABLES

**130/140A**



Frame size 100 mm

model	ENGINE RPM	AC WELDER			AC GENERATOR Brushless / Capacitor	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
EA130 MAC/2 EW130 MAC/2	3000	130	100	WC01 only welding	-	4 (230V 50Hz)
EA140 MAC/2 EW140 MAC/2	3600	140	110	WC01 only welding	-	5 (240V 60Hz)

**180/190A**



Frame size 100 mm

model	ENGINE RPM	AC WELDER			AC GENERATOR Brushless / Capacitor	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
EA180 MAC/2 EW180 MAC/2	3000	180	125	WC01 only welding	-	5 (230V 50Hz)
EA190 MAC/2 EW190 MAC/2	3600	190	135	WC01 only welding	-	6 (240V 60Hz)

**200/220A**



Frame size 100 mm

model	ENGINE RPM	AC WELDER			AC GENERATOR Brushless / Capacitor	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
EA200 MAC/2 EW200 MAC/2	3000	200	180	WC01 only welding	-	7 (230V 50Hz)
EA220 MAC/2 EW220 MAC/2	3600	220	180	WC01 only welding	-	8 (240V 60Hz)

Tutte con **PANNELLO FRONTALE IN POLICARBONATO**: funzioni intuitive ed elevata protezione contro sporco, grassi, agenti chimici  
All with **POLYCARBONATE FRONT PANEL**: intuitive functions and high protection against dirt, grease, chemicals

**170/190A**



Frame size 100 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ED170 MDC/2 EW170 MDC/2	3000	170	130	WC01 only welding	-	3 (230V 50Hz)
ED190 MDC/2 EW190 MDC/2	3600	190	140	WC01 only welding	-	3,5 (240V 60Hz)

**200/210A**



Frame size 100 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ED200 MDC/2 EW200 MDC/2	3000	200	170	WC01 only welding	-	4 (230V 50Hz)
ED210 MDC/2 EW210 MDC/2	3600	210	170	WC01 only welding	-	4 (240V 60Hz)

**220/240A**



Frame size 100 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ED220 MDC/2 EW220 MDC/2	3000	220	170	WC01 only welding	-	5 (230V 50Hz)
ED240 MDC/2 EW240 MDC/2	3600	240	180	WC01 only welding	-	5,5 (240V 60Hz)

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ED220 TDC/2 EW220 MDC/2	3000	220	170	WC01 only welding	6,5 (400V 50Hz)	3,5 (230V 50Hz)
ED240 TDC/2 EW240 MDC/2	3600	240	180	WC01 only welding	7,5 (416V 60Hz)	3,5 (240V 60Hz)

Tutte con **PANNELLO FRONTALE IN POLICARBONATO**: funzioni intuitive ed elevata protezione contro sporco, grassi, agenti chimici  
All with **POLYCARBONATE FRONT PANEL**: intuitive functions and high protection against dirt, grease, chemicals

**280A**



Frame size 140 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ARC280 TDC/4	1500	280	220	WC01 only welding	8 (400V 50Hz)	3 (230V 50Hz)
ARC280 TDC/4	1800	280	220	WC01 only welding	10 (416V 60Hz)	4 (240V 60Hz)

**300A**



Frame size 120 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ARC300 MDC/2	3000	300	250	WC01 only welding	-	6 (230V 50Hz)
ARC300 MDC/2	3600	300	250	WC01 only welding	-	7 (240V 60Hz)

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ARC300 TDC/2	3000	300	250	WC01 only welding	8 (400V 50Hz)	3 (230V 50Hz)
ARC300 TDC/2	3600	300	250	WC01 only welding	10 (416V 60Hz)	3,5 (240V 60Hz)

**PANNELLO FRONTALE IN POLICARBONATO:** funzioni intuitive ed elevata protezione contro sporco, grassi, agenti chimici  
**POLYCARBONATE FRONT PANEL:** intuitive functions and high protection against dirt, grease, chemicals

**400A**



Frame size 140 mm

model	ENGINE RPM	DC WELDER			AC GENERATOR Brushes / Compound	
		A 35%	A 60%	PANEL	KVA S1 3 phase	kVA S1 1 phase
ARC400 TDC/2	3000	400	320	WC01 only welding	10 (400V 50Hz)	4 (230V 50Hz)
ARC400 TDC/2	3600	400	320	WC01 only welding	12 (416V 60Hz)	5 (240V 60Hz)



**INOLTRE - MOREOVER**

**HOT START** dispositivo che facilita l'innescò dell'arco elettrico.  
Device facilitating the electric arc striking

**ARC FORCE** dispositivo che evita il corto circuito.  
Device avoiding any short circuit

**ANTI STICKING** dispositivo che evita l'incollaggio dell'elettrodo.  
Device avoiding the electrode to be welded

**REMOTE CONTROL** dispositivo che regola la corrente di saldatura a distanza. Device regulating welding current at a distance

SW-I500 | SW-F300 | SW-E220

**PANNELLO FRONTALE IN POLICARBONATO:** funzioni intuitive ed elevata protezione contro sporco, grassi, agenti chimici  
**POLYCARBONATE FRONT PANEL:** intuitive functions and high protection against dirt, grease, chemicals

**220/250A**

Frame size 100 mm

model	ENGINE RPM	DC WELDER				PANEL	AC GENERATOR Brushes / Compound	
		A 35%	A 60%	A JUMP STARTER	V BATTERY CHARGER		KVA S1 3 phase	kVA S1 1 phase
SW-E220 TDC/2	3000	220	170	250	12/24/36/48	WT02	6,5 (400V 50Hz)	3 (230V 50.Hz)
SW-E250 TDC/2	3600	250	190	300	12/24/36/48	on request	8,5(240V 60Hz)	6 (240V 60Hz)

**300A**

Frame size 120 mm

model	ENGINE RPM	DC WELDER				PANEL	AC GENERATOR Brushes / Compound	
		A 35%	A 60%	A JUMP STARTER	V BATTERY CHARGER		KVA S1 3 phase	kVA S1 1 phase
SW-F300 MDC/2	3000	300	250	300	12/24/36/48	WM06	-	6 (230V 50Hz)
SW-F300 MDC/2	3600	300	250	300	12/24/36/48	on request	-	9 (240V 60Hz)

model	ENGINE RPM	DC WELDER				PANEL	AC GENERATOR Brushes / Compound	
		A 35%	A 60%	A JUMP STARTER	V BATTERY CHARGER		KVA S1 3 phase	kVA S1 1 phase
SW-F300 TDC/2	3000	300	250	300	12/24/36/48	WT06	10 (400V 50Hz)	4 (230V 50Hz)
SW-F300 TDC/2	3600	300	250	300	12/24/36/48	on request	12 (416V 60Hz)	4,8 (240V 60Hz)

**500A**

Frame size 160 mm

model	ENGINE RPM	DC WELDER				PANEL	AC GENERATOR Brushless (exciter) / AVR	
		A 35%	A 60%	A JUMP STARTER	V BATTERY CHARGER		KVA S1 3 phase	kVA S1 1 phase
SW-I500 TDC/4	1500	500	400	500	12/24/36/48	WT07	15 (400V 50Hz)	6 (230V 50Hz)
SW-I500 TDC/4	1800	500	400	500	12/24/36/48	on request	16 (416V 60Hz)	6,5 (240V 60Hz)



**SINCRO® is a brand of Soga Energy Team**

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Data subject to change without prior notice



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