

TECNA[®]

Resistance Welding Systems & Balancers



General Catalogue ***RESISTANCE WELDERS AND SPOTTERS*** ***FOR CAR BODY SHOPS***



www.tecna.net



TECNA S.P.A. - VIA MEUCCI, 27 - CASTEL SAN PIETRO TERME

TECNA: La saldatura intelligente in carrozzeria
 L'ampia gamma per carrozzeria è composta da:
 Sistemi per la saldatura manuale di prigionieri (o perni) in acciaio o alluminio, con generatore a scarica di condensatori.
 Spotter a trasformatore incorporato 0.8 kVA al 50%.
 Spotter a cavi da 2,5÷5 kVA al 50%.
 Puntatrici a cavi carrellate monofase 8 kVA al 50% (corredabili con pinze manuali o pneumatiche, con controllo di saldatura a singolo o doppio programma).
 Puntatrici a cavi carrellate monofase da 10 kVA al 50% (corredabili di raffreddamento ad acqua, pinze pneumatiche, controllo digitale a doppio programma).
 Puntatrici di ultima generazione con tecnologia inverter a basso consumo energetico, a cavi 25 kVA al 50%, con trasformatore incorporato nelle pinze 12 kVA al 50% e controllo di saldatura touch-screen (corredabili con pinza pneumatica a "X" o a "C" con bracci intercambiabili, monopunto raffreddata ad acqua).
 Le puntatrici Tecna sono approvate ed omologate dalle migliori case automobilistiche, per l'utilizzo in carrozzerie autorizzate.



Made by TECNA





S.P.A. - VIA GRIECO, 25/27 - CASTEL SAN PIETRO TERME

TECNA: Intelligent welding in car body repair

This wide range is composed of:

Hand-operated welding equipment for steel and aluminium studs (and pins) with capacitor discharge generators.

Spotter with built-in transformer, 0.8kVA at 50%.

Cable Spotter, 2,5÷5 kVA at 50%.

Single-phase cable spot welders on trolley, 8 kVA at 50% (which can be equipped with either manual or pneumatic guns, with either single or double program welding control unit).

Single-phase cable spot welders on trolley, 10kVA at 50% (which can be equipped with water cooling, pneumatic guns, double program digital control unit).

Last generation inverter technology (low energy consumption) cable spot welders, 25 kVA at 50%: equipped with built-in transformer guns (12 kVA at 50%) and touch-screen welding control unit. Also, they can be equipped with either "X" or "C" pneumatic guns, exchangeable arms, water-cooled single-sided gun.

TECNA spot welders are approved and homologated by the major Car Manufacturers for being used in authorised car body shops.

TECNA: La soldadura inteligente para carrocería.

La amplia gama para carrocería incluye:

Equipos de soldadura manual de tuercas (o pernos) de acero o aluminio, con generador de descarga de condensadores. Spotter de transformador incorporado 0,8Kva al 50%.

Spotter de cables de 2,5÷5kVA al 50%

Punteadoras de cables monofásicas 8kVA al 50% que se pueden usar con pinzas manuales o neumáticas, con control de soldadura de mono o doble programa.

Punteadoras de cables monofásicas 10kVA al 50% que se pueden equipar con refrigeración por agua, con pinzas neumáticas, control digital de doble programa.

Punteadoras de última generación con tecnología inverter de bajo gasto energético, de cables, 25kVA al 50%, con transformador incorporado en las pinzas 12kVA al 50% y control de soldadura touch screen que se pueden usar con pinza neumática tipo 'X' o 'C' con brazos intercambiables, mono punto refrigerada por agua.

Las punteadoras TECNA han sido aprobadas y homologadas por las mejores Casas Automotrices, para su empleo en carrocerías autorizadas.



TECNA: Excellence in Resistance Welding

TECNA means Excellence. Since its foundation over 50 years ago, TECNA has grown as a **worldwide leading reference in resistance welding and spring balancers.**

At our headquarters in Castel San Pietro Terme, Italy, our passion for technology joins **assiduous work for continuous development and innovation.**

With decades of experience, TECNA is a trusted supplier of major players in the automotive and aerospace industries and all fields where resistance welding sees its application. **TECNA welders are approved and certified by top car manufacturers worldwide.**

ISO 9001 and ISO 14001 certifications, as well as strict quality checks and tests, define the procedures and guarantee that product quality and safety are maintained at the highest levels. Every machine is duly tested and certified before shipping.

TECNA offers the widest range of welding machines and equipment, from single-phase and three-phase to the latest cutting-edge inverter and hybrid capacitor discharge technologies. Our products obtain **the highest quality welds and guarantee the best performance in terms of energy efficiency.**



Additionally, TECNA provides customers with a **comprehensive line of accessories for resistance welding equipment.** From the most advanced measurement instruments to the latest digital welding control technologies, all accessories feature advanced functions of networking and automatic file export to analyze and store test results.

TECNA also manufactures specialized equipment for automotive body welding and repair. All systems come with next-generation welding controls and energy-efficient inverter technology. To experience the greatest synergy between man and machine we especially recommend the Smart Mode, where ease of use joins a fully automatic self-learning system. The operator does not even need to know what metal or thickness she or he is welding.

The field of resistance welding is constantly evolving with demands of quality, and most important of control around the process. TECNA keeps evolving with it, and by DNA runs ahead **to anticipate needs and create new trends thanks to the continuous research & development.**

TECNA®



Administrator | rear trunk lid

3680



7.009 kA



1276 ms



240 daN



3685

5234

D



1.5 mm



92 µm



made in Italy

CAR BODY REPAIR TECHNOLOGIES

**NEW TRAFO GUN
FULLY AUTOMATIC**

CASE COSTRUTTRICI CHE CONSIGLIANO PRODOTTI TECNA
CAR MANUFACTURERS ADVISING TECNA PRODUCTS
CASAS AUTOMOTRICES QUE RECOMIENDAN LOS PRODUCTOS DE TECNA



B.M.W.



U.S.A.



MINI



EUROPA

Audi

ROLLS



HYUNDAI



SEAT

ROYCE



MERCEDES



U.S.A.

BENZ



SUBARU
U.S.A.



SMART



U.S.A.



TOYOTA



TESLA



EUROPA



U.S.A.

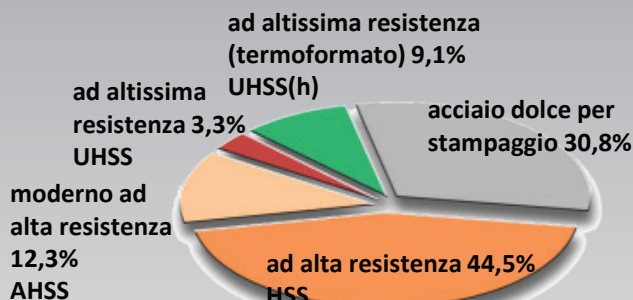


RAM



ACCIAI HSS E UHSS HSS E UHSS ACEROS HSS Y UHSS

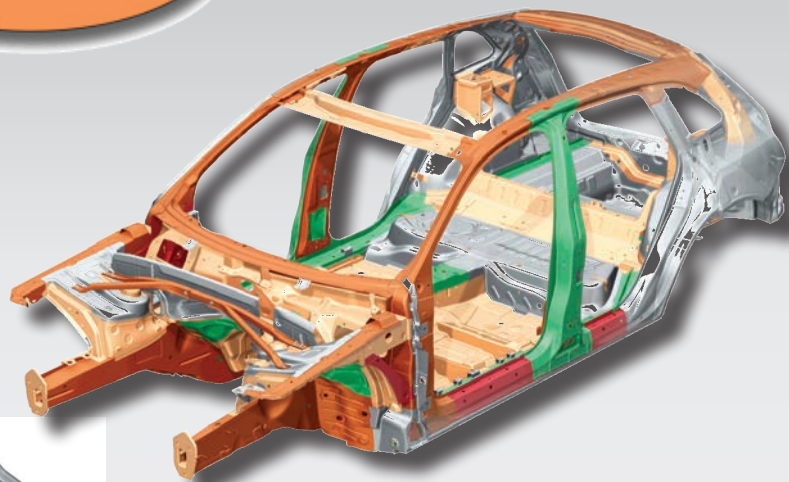
I materiali Altoresistenziali (HSS) e Ultra Altoresistenziali (UHSS) rappresentano al giorno d'oggi l'evoluzione nel mondo della carrozzeria. Grazie alla tecnologia sviluppata da TECNA, oggi è possibile riparare e saldare le auto di nuove generazioni.



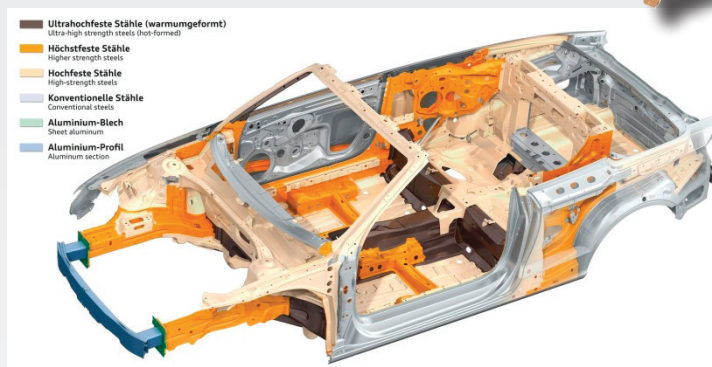
High-strength (HSS) and Ultra High-strength (UHSS) materials represent today's evolution in the world of bodywork. The technology developed by TECNA enables today to repair and weld cars of the new generations.

Hoy en día, los materiales altoresistentes (HSS) y ultra altoresistentes (UHSS) representan la evolución en el mundo de la carrocería. Gracias a la tecnología desarrollada por TECNA, se pueden reparar y soldar los coches de nueva generación introducidos en el mercado automovil.

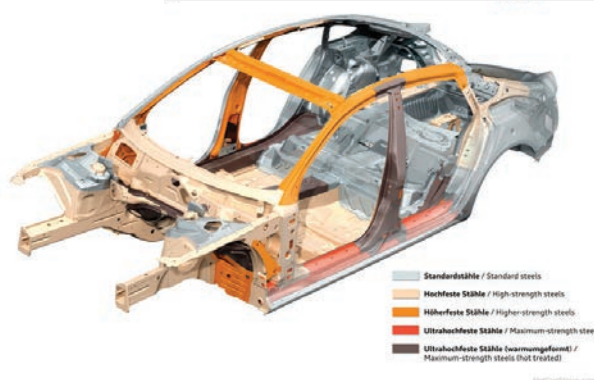
Acciaio Dolce
Acciaio ad Alta Resistenza
Moderno Acciaio ad Alta Resistenza
Acciaio ad Alta Resistenza Formato a Caldo
Alluminio
Plastica



Mild Steel
High resistance steel
Modern High-Resistance Steel
High-strength steel, hot formed
Aluminum
Plastic



Acero dulce
Acero de alta resistencia
Acero moderno de alta resistencia
Acero de alta resistencia conformado en caliente
Aluminio
Plástico



Sistema di saldatura a resistenza completamente raffreddato ad acqua, controllato a microprocessore, completamente automatico.

Il controllo di saldatura touch screen consente la visualizzazione ed il controllo di tutti i parametri di saldatura, in funzione degli utensili, del tipo e dello spessore delle lamiere da saldare.

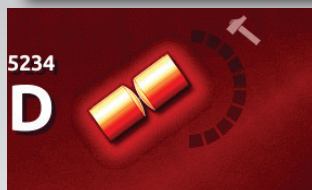
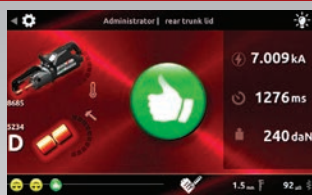
Fully water-cooled resistance welding system controlled by a microprocessor, fully automatic.

The welding control unit uses a digital display with touch screen function and allows setting and monitoring all welding parameters according to the tools and according to the type and thickness of the sheets to be welded.

Sistema de soldadura por resistencia refrigerado por agua y controlado por microprocesador completamente automático.

El control de soldadura de pantalla digital con tecla táctil permite visualizar y controlar todos los parámetros de soldadura en función de los útiles, del tipo y del espesor de las chapas a soldar.

3680S



7420
(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



WIRELESS REMOTE CONTROL

Maximum welding power
15500 A



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

72000/3680



23221/P



PROGRAMMA SOFTWARE (A RICHIESTA)
PENDRIVE SOFTWARE PROGRAM (ON DEMAND)
PROGRAMA DE SOFTWARE (A SOLICITUD)

3591S



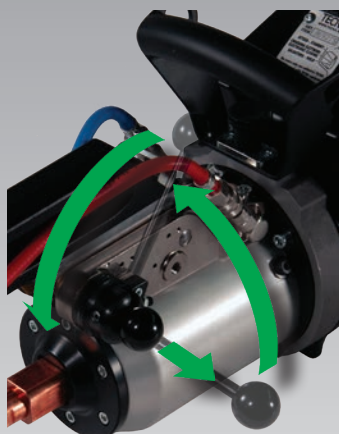
(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

4000001406



COPERTURA PER 3680 (A RICHIESTA)
COVER FOR 3680 (ON DEMAND)
TAPA PARA 3680 (A SOLICITUD)

NEW TRAFLO GUN FULLY AUTOMATIC



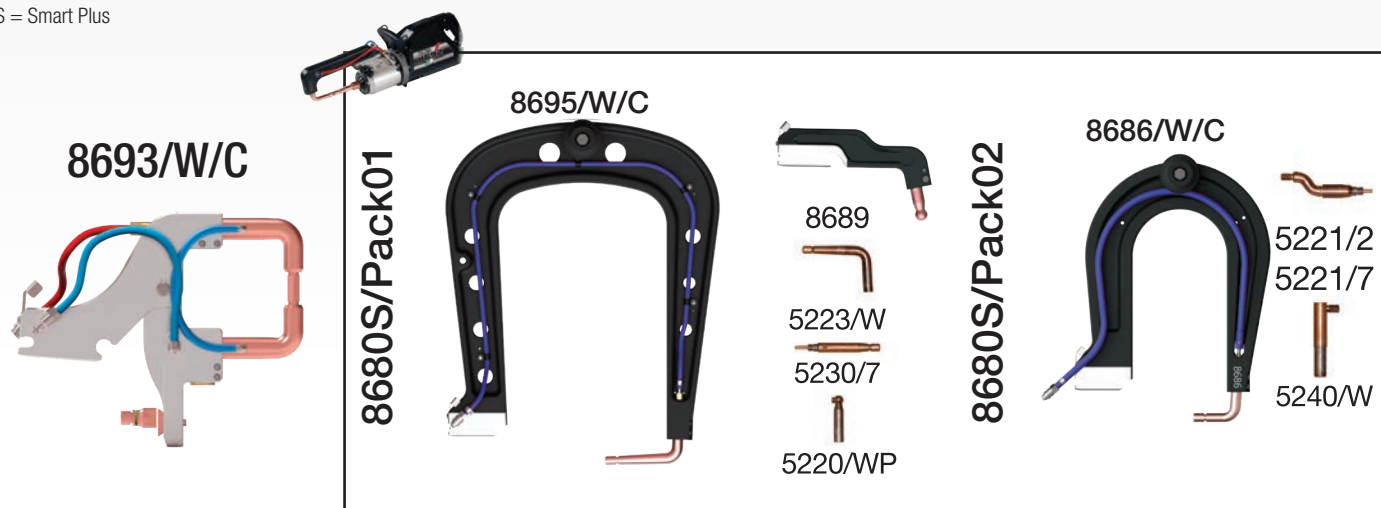
8692



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	3680S 8692	3680S 8692
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3~50 Hz	*220 VACx3~50/60 Hz
Fusibili di rete Mains fuses - Fusibles de red	32 A - ritardato delayed - retardado	50 A - ritardato delayed - retardado
Corrente continua di saldatura Welding current - Corriente de soldadura continua	15.500 A	
Serbatoio dell'acqua - contenuto Content of the water tank - Tanque de agua - contenido	25 l	
Dimensioni di altezza/larghezza/profondità Dimensions height/width/depth Tamaño altura / ancho / profundidad	233 / 72 / 98 cm	
Peso totale senza accessori Total weight without accessories Peso total sin accesorios	165 kg	
Pinza "C" "C" gun - Pinza "C"	8692	8692
Lunghezza dei cavi Cables length - Longitud cables	4 m	6 m
Potenza nominale 50% ED Nominal power 50% ED / Potencia nominal 50% ED	22 kVA	22 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	129 kVA	129 kVA
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	2,05 kA	2,05 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacío secundaria	7,7 V	7,7 V
Forza max. agli elettrodi a 8 bar Max. electrode force at 8 bar Fuerza max. a los electrodos a 8 bar	615 daN	615 daN
Sensore di riconoscimento Recognition sensor / Sensor de reconocimiento	S	S
Peso della pinza senza bracci Gun weight without arms - Peso pinza sin brazos	10,8 kg	10,8 kg

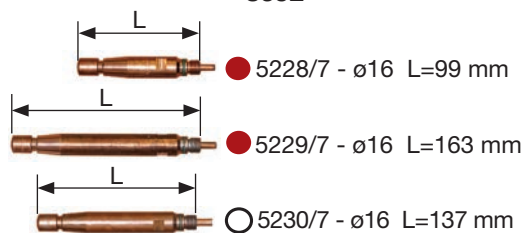
* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

S = Smart Plus

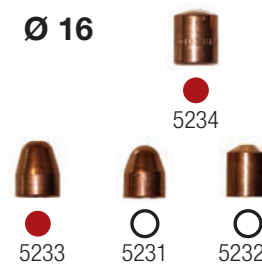


BRACCI/ELETTRODI - ARMS/ELECTRODES - BRAZOS/ELECTRODOS

8692



$\varnothing 16$



● STANDARD

○ A RICHIESTA - ON DEMAND - A SOLICITUD

5233/C

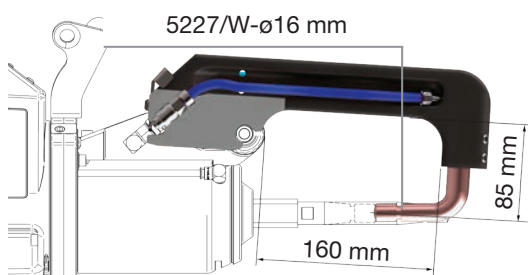
5234/C

5235K



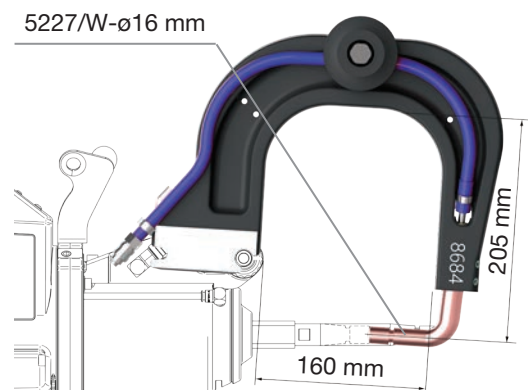
5227/W- $\varnothing 16$ mm

● 8685/W/C



5227/W- $\varnothing 16$ mm

○ 8684/W/C

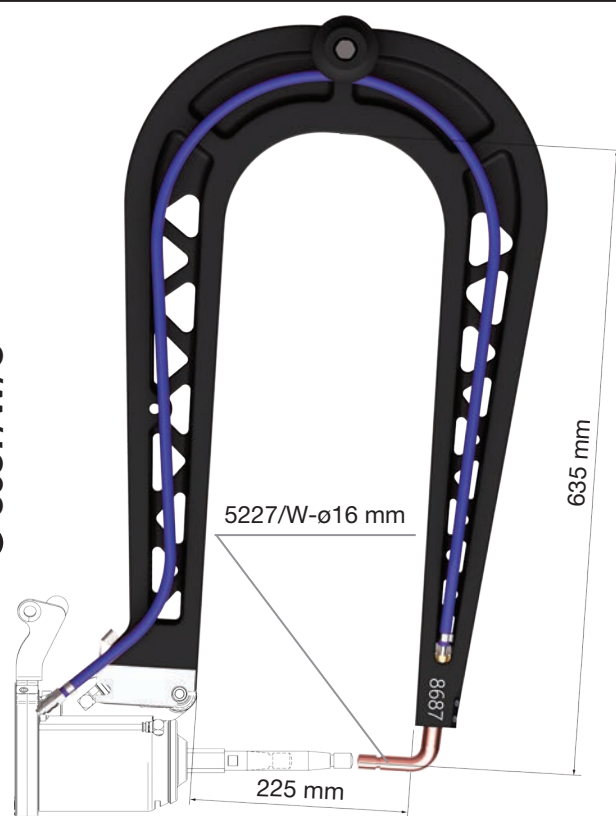


5227/W- $\varnothing 16$ mm

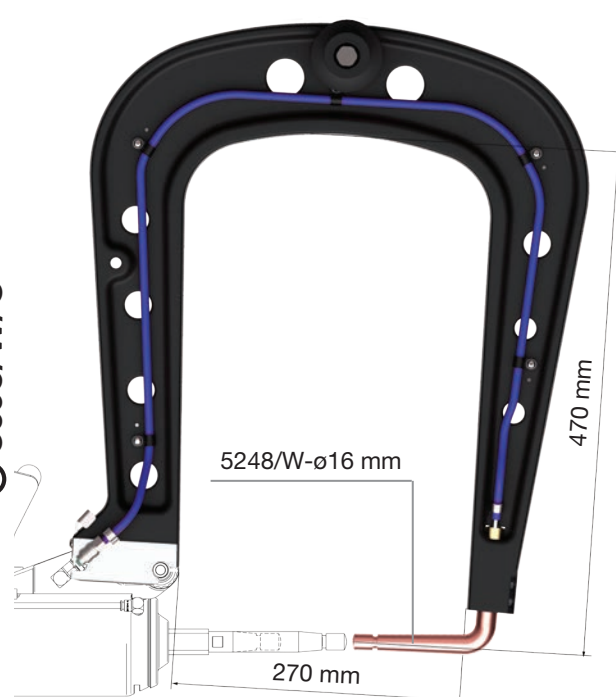
○ 8686/W/C



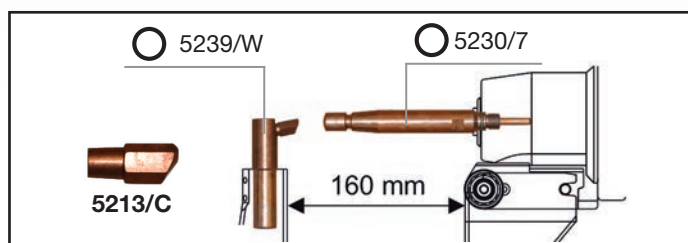
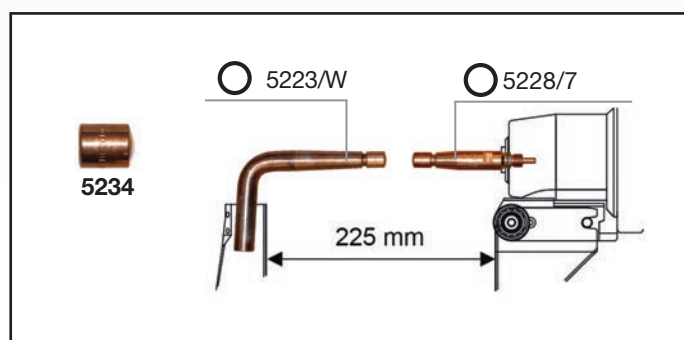
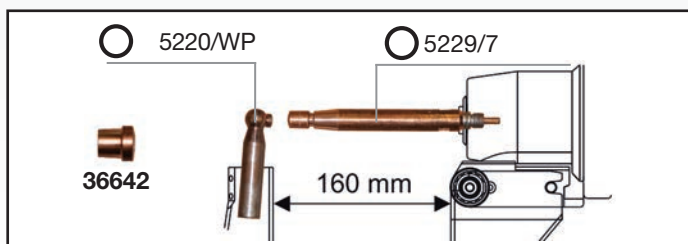
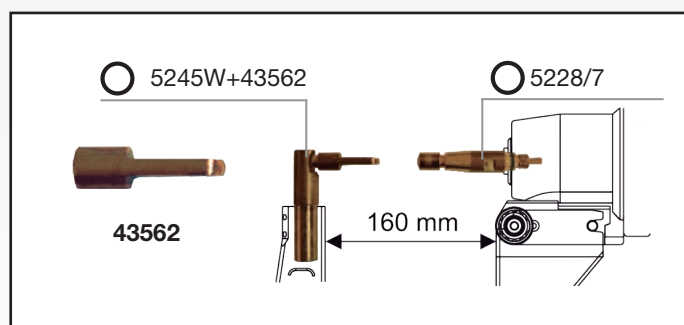
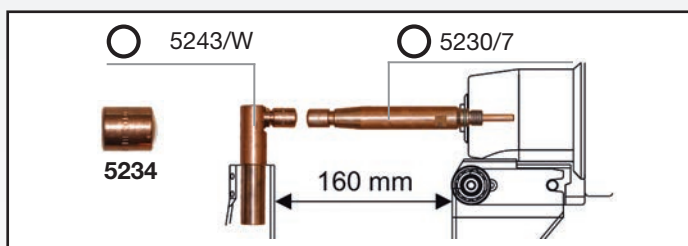
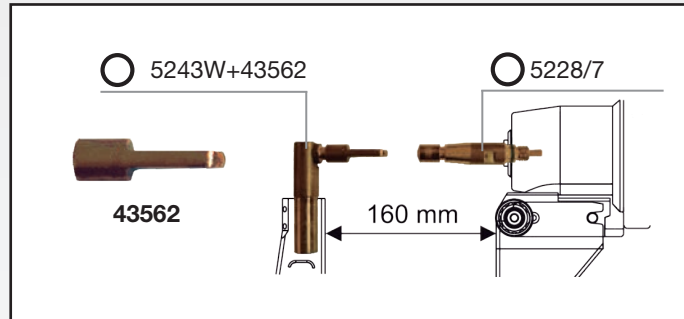
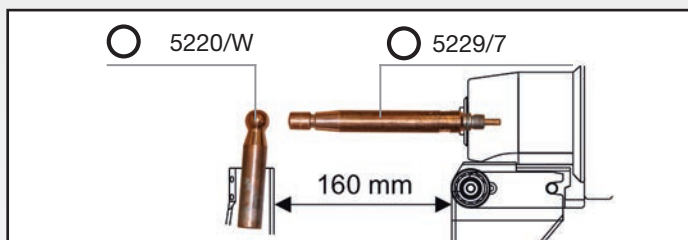
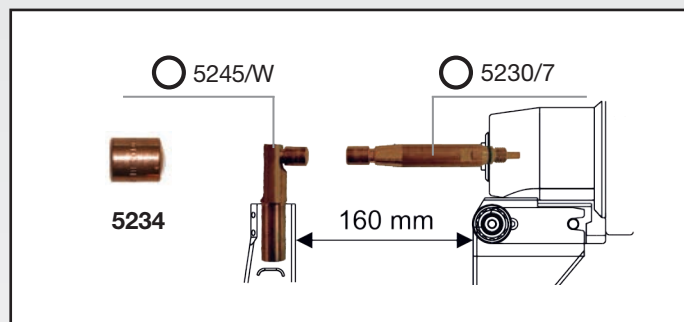
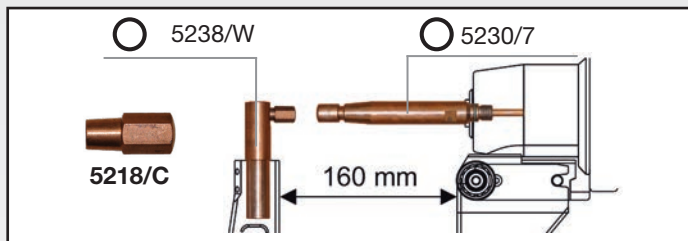
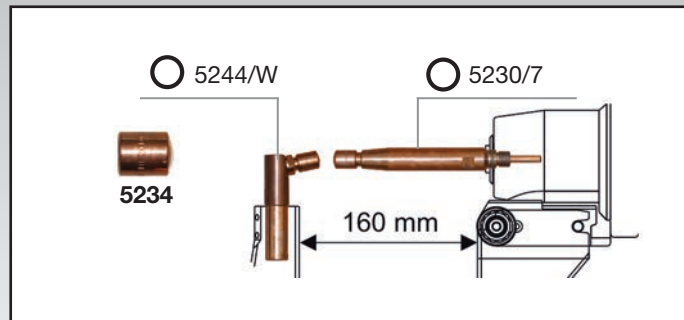
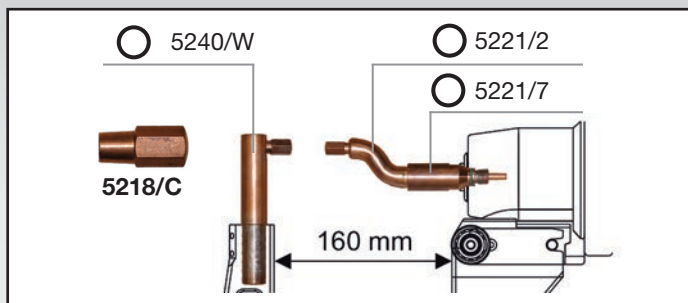
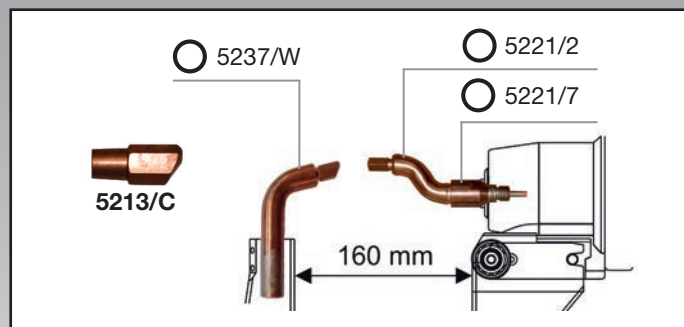
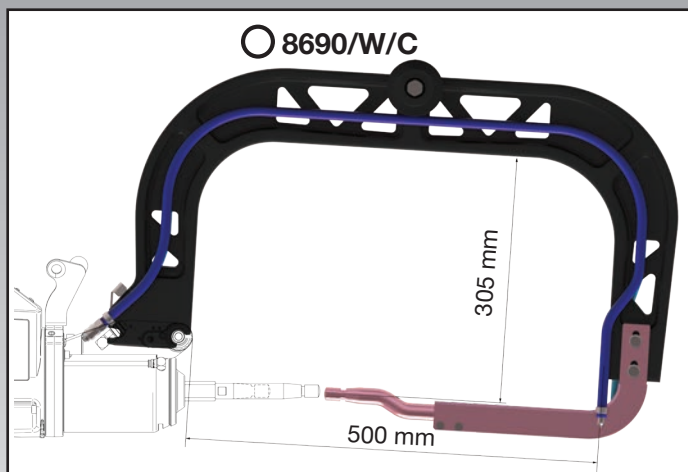
○ 8687/W/C



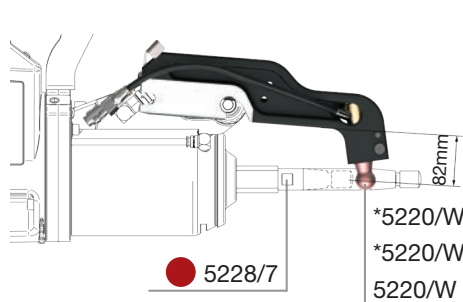
○ 8695/W/C



ARMS - ELECTRODES



○ 8689 - *8689/W/C



5228/7

*5220/WL
*5220/W/C
5220/W

○ 5221/7
○ 5221/2

*5220/WL
*5220/W/C
5220/W

OPZIONALI PER 5221/2
OPTIONAL FOR 5221/2
OPCIONAL PARA 5221/2



5210/C



5211/C



5213/C



5214/C



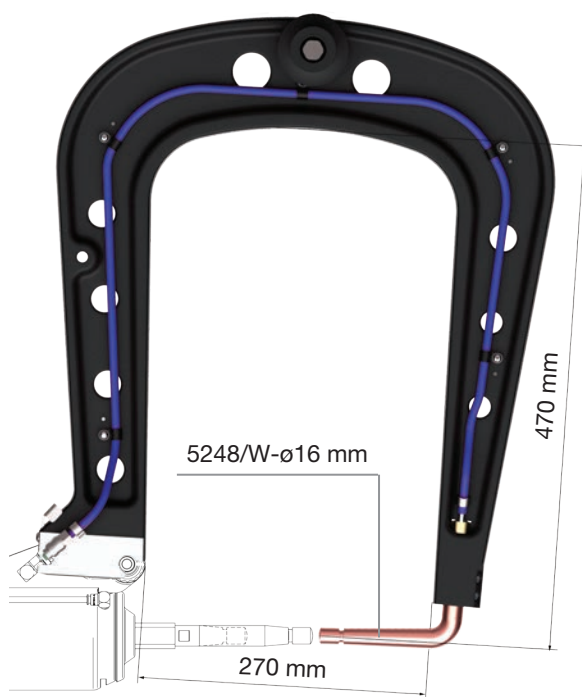
5218/C

● STANDARD

○ A RICHIESTA - ON DEMAND - A SOLICITUD

8680S/Pack01

○ 8695/W/C



8689



5223/W



5230/7



5220/WP

8680S/Pack02

○ 8686/W/C



5221/2
5221/7

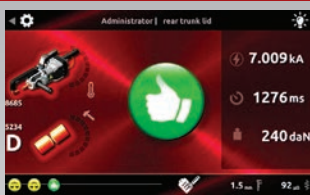


5240/W



***TRAFO GUN
FULLY AUTOMATIC***

3680



8687/W/S

8695/W/S

8686/W/S

8689

3680P



WIRELESS REMOTE CONTROL

(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

Maximum welding power
14000 A



3680P7

72000/3680



23221/P



PROGRAMMA SOFTWARE (A RICHIESTA)
PENDRIVE SOFTWARE PROGRAM (ON DEMAND)
PROGRAMA DE SOFTWARE (A SOLICITUD)

3591



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

4000001406



COPERTURA PER 3680 (A RICHIESTA)
COVER FOR 3680 (ON DEMAND)
TAPA PARA 3680 (A SOLICITUD)

TRAFO GUN FULLY AUTOMATIC

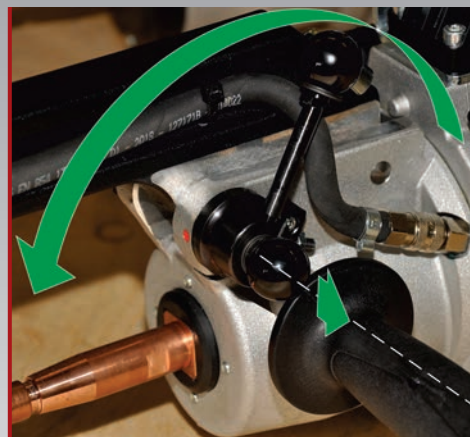
8679TS


FORCE
450
 daN

GYRO
360°
SCOPE
Smart
PLUS

8679TS7


FORCE
700
 daN

GYRO
360°
SCOPE
Smart
PLUS


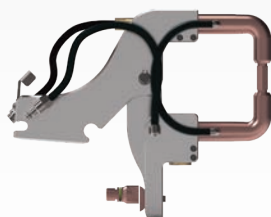
(A RICHIESTA) - (ON DEMAND) - (A SOLICITUD)

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	3680P 8679TS	3680P7 8679TS7	3680P 8679TS	3680P7 8679TS7
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3~50 Hz		*220 VACx3~50/60 Hz	
Fusibili di rete Mains fuses - Fusibles de red	32 A - ritardato delayed - retardado		50 A - ritardato delayed - retardado	
Corrente continua di saldatura Welding current - Corriente de soldadura continua	14.000 A			
Serbatoio dell'acqua - contenuto Content of the water tank - Tanque de agua - contenido	25 l			
Dimensioni di altezza/larghezza/profondità Dimensions height/width/depth Tamaño altura / ancho / profundidad	233 / 72 / 98 cm			
Peso totale senza accessori Total weight without accessories Peso total sin accesorios	140 kg			
Pinza “C” “C” gun - Pinza “C”	8679TS	8679TS7	8679TS	8679TS7
Lunghezza dei cavi Cables length - Longitud cables	4 m	4 m	6 m	6 m
Potenza nominale 50% ED Nominal power 50% ED / Potencia nominal 50% ED	19 kVA	19 kVA	19 kVA	19 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	60 kVA	60 kVA	60 kVA	60 kVA
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	1,8 kA	1,8 kA	1,8 kA	1,8 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacío secundaria	8,7 V	8,7 V	8,7 V	8,7 V
Forza max. agli elettrodi a 8 bar Max. electrode force at 8 bar Fuerza max. a los electrodos a 8 bar	450 daN	700 daN	450 daN	700 daN
Sensore di riconoscimento Recognition sensor / Sensor de reconocimiento	S	S	S	S
Peso della pinza senza bracci Gun weight without arms - Peso pinza sin brazos	12,5 kg	12,5 kg	12,5 kg	12,5 kg

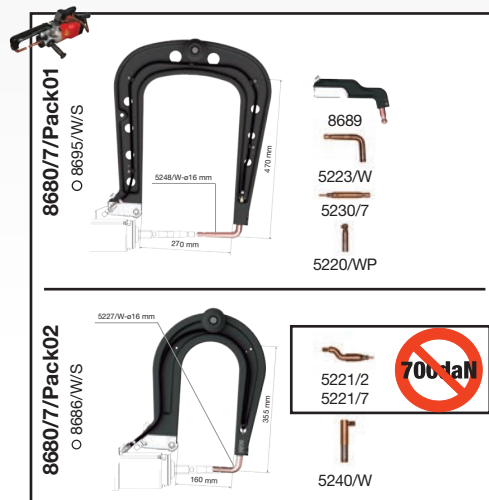
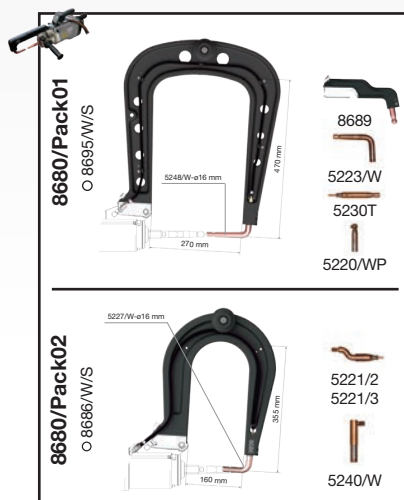
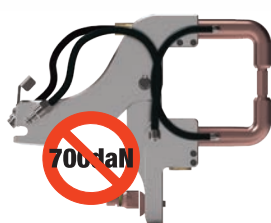
* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

S = Smart Plus

8693/W/S/450



8693/W/S/700



3664



Fe/Zn	n°L 2	HOME MENU
1.00 mm	3.00 mm	
T: 700 (ms)	I: 6.97 (kA)	OK
P: 0.0 (Bar)	Punto: 0	
Lavoro 1		WELD INFO
MODULO DI LAVORO SMART May 26 11:05:26 2008		

TEMP	CORRENTE	FORZA	HOME MENU
T: 700 (ms)	I: 6.97 (kA)		
P: 0.0 (Bar)	Punto: 0		
Lavoro 1		WELD INFO	
MODULO DI LAVORO EASY May 26 11:05:26 2008			

Maximum welding power
14000 A

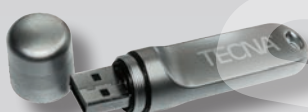


3664P



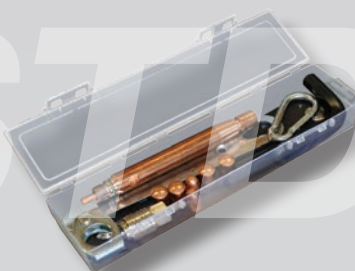
3664P7

23221/P



PROGRAMMA SOFTWARE
PENDRIVE SOFTWARE PROGRAM
PROGRAMA DE SOFTWARE

72000



41762



COPERTURA PER 3664
COVER FOR 3664
TAPA PARA 3664

3591



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

TRAFO GUN FULLY AUTOMATIC

8679TS


FORCE
450
 daN

GYRO
360°
SCOPE
Smart
PLUS

8679TS7


FORCE
700
 daN

GYRO
360°
SCOPE
Smart
PLUS

8678T


FORCE
610
 daN

GYRO
360°
SCOPE

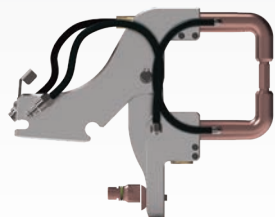
 Forza/bracci vedi pag. 22
 Arms/force see pag. 22 - Fuerza/arms ver pág. 22

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	3664P 8679TS	3664P7 8679TS7	3664P 8679TS	3664P7 8679TS7	3664 8678T	3664 8678T
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3~50 Hz		*220 VACx3~50/60 Hz		*400 VACx3 ~50 Hz	*220 VACx3 ~50/60 Hz
Fusibili di rete Mains fuses - Fusibles de red	32 A - ritardato delayed - retardado		50 A - ritardato delayed - retardado		32 A - ritardato delayed - retardado	50 A - ritardato delayed - retardado
Corrente continua di saldatura Welding current - Corriente de soldadura continua	14.000 A					
Serbatoio dell'acqua - contenuto Content of the water tank - Tanque de agua - contenido	4,5 l					
Dimensioni di altezza/larghezza/profondità Dimensions height/width/depth Tamaño altura / ancho / profundidad	181 / 77 / 86 cm					
Peso totale senza accessori Total weight without accessories Peso total sin accesorios	130 kg					
Pinza “C” “C” gun - Pinza “C”	8679TS	8679TS7	8679TS	8679TS7	8678T	8678T
Lunghezza dei cavi Cables length - Longitud cables	4 m	4 m	6 m	6 m	4 m	6 m
Potenza nominale 50% ED Nominal power 50% ED / Potencia nominal 50% ED	19 kVA	19 kVA	19 kVA	19 kVA	19 kVA	19 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	60 kVA	60 kVA	60 kVA	60 kVA	60 kVA	60 kVA
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	1,8 kA	1,8 kA	1,8 kA	1,8 kA	1,8 kA	1,8 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacío secundaria	8,7 V	8,7 V	8,7 V	8,7 V	8,7 V	8,7 V
Forza max. agli elettrodi a 8 bar Max. electrode force at 8 bar Fuerza max. a los electrodos a 8 bar	450 daN	700 daN	450 daN	700 daN	610 daN (6 bar)	610 daN (6 bar)
Sensore di riconoscimento Recognition sensor / Sensor de reconocimiento	S	S	S	S	--	--
Peso della pinza senza bracci Gun weight without arms - Peso pinza sin brazos	12,5 kg	12,5 kg	12,5 kg	12,5 kg	14 kg	14 kg

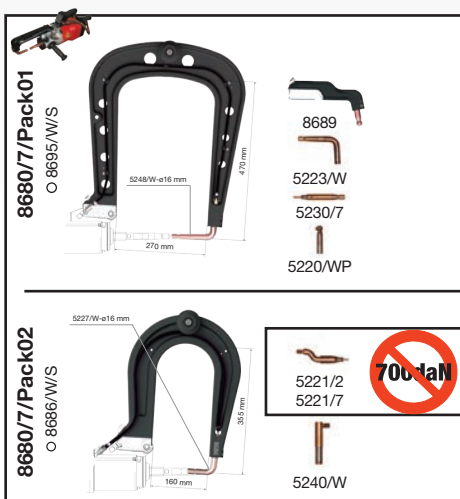
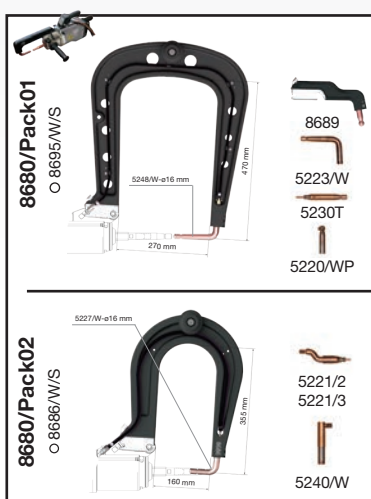
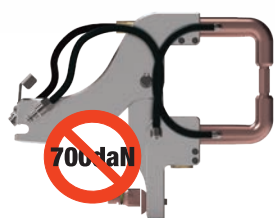
* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

S = Smart Plus

8693/W/S/450



8693/W/S/700



8680/PACK03


MOLTIPLICATORE DI PRESSIONE
AIR PRESSURE BOOSTER
MULTIPLICADOR DE PRESIÓN

TECNA[®]

Resistance Welding Systems & Balancers

www.tecna.net

Spot welding solutions



3680
"completamente automatica"



3485K
SPOTTER

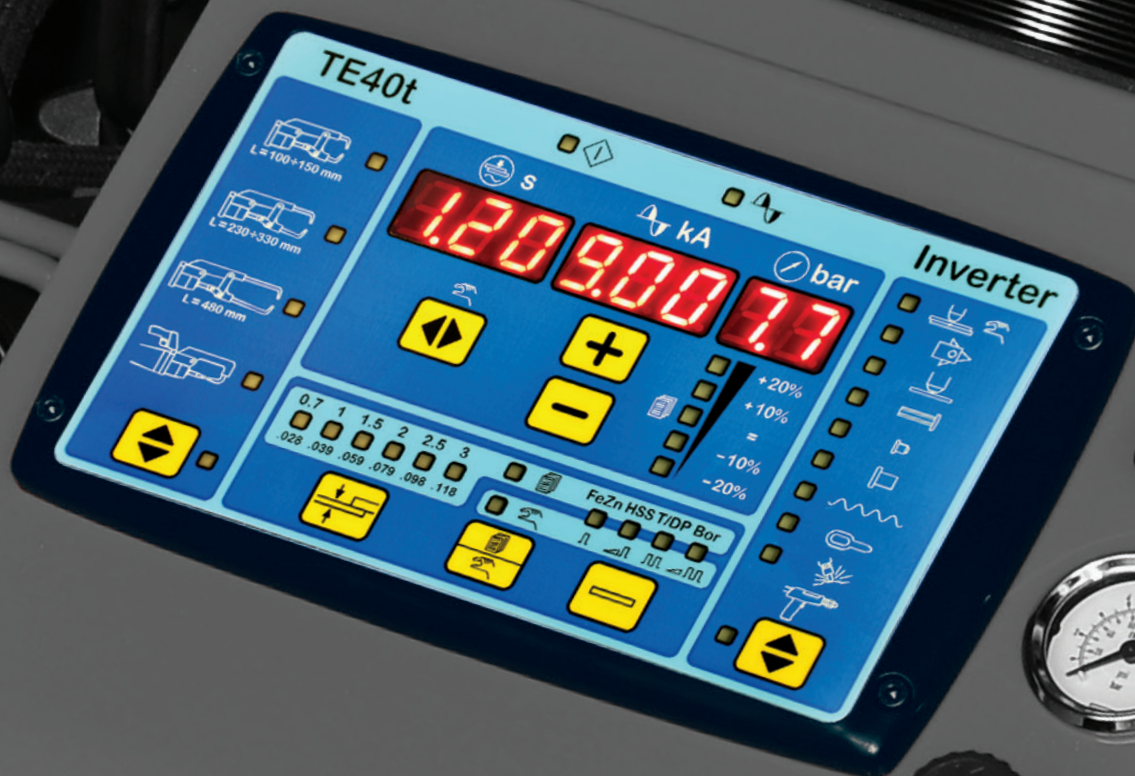


3546
INFRARED HEATER



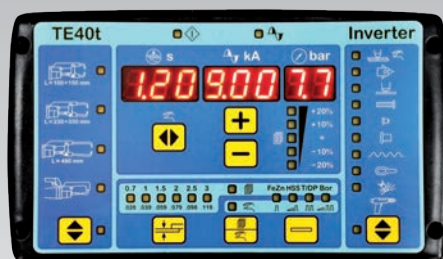
3664
"completamente automatica"

I prodotti TECNA hanno ricevuto l'omologazione di diverse prestigiose case automobilistiche leader nel mondo



**TRAFO GUN
SEMI-AUTOMATIC**

3646HSS



UNITÀ DI CONTROLLO TE40t
TE40t CONTROL UNIT
UNIDAD DE CONTROL TE40t



Maximum welding power
13000 A



TRAFO GUN SEMI-AUTOMATIC

72000



23221/P



PROGRAMMA SOFTWARE (A RICHIESTA)
PENDRIVE SOFTWARE PROGRAM (ON DEMAND)
PROGRAMA DE SOFTWARE (A SOLICITUD)

3591



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

8679H



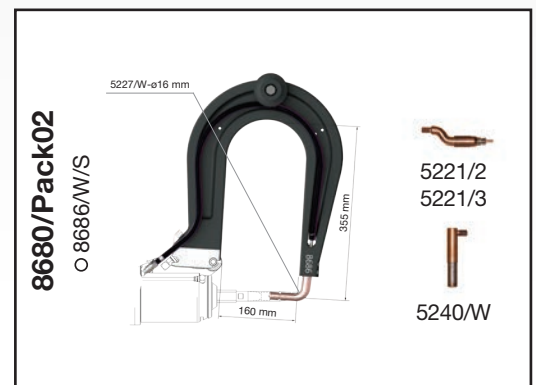
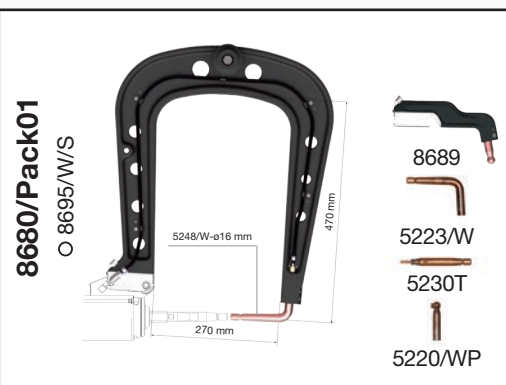
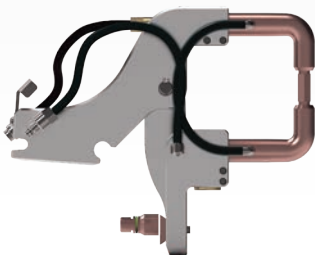
FORCE
450
daN

GYRO
360°
SCOPE

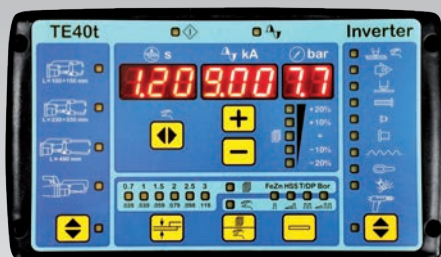
DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	3646HSS 8679H	3646HSS 8679H
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3~50 Hz	*220 VACx3~50/60 Hz
Fusibili di rete Mains fuses - Fusibles de red	16 A - ritardato delayed - retardado	50 A - ritardato delayed - retardado
Corrente continua di saldatura Welding current - Corriente de soldadura continua	13.000 A	13.000 A
Serbatoio dell'acqua - contenuto Content of the water tank - Tanque de agua - contenido	36 l	36 l
Dimensioni di altezza/larghezza/profondità Dimensions height/width/depth Tamaño altura / ancho / profundidad	100 / 61 / 83 cm	100 / 61 / 83 cm
Peso totale senza accessori Total weight without accessories Peso total sin accesorios	96 kg	96 kg
Pinza "C" "C" gun - Pinza "C"	8679H	8679H
Lunghezza dei cavi Cables length - Longitud cables	4 m	4 m
Potenza nominale 50% ED Nominal power 50% ED / Potencia nominal 50% ED	17,5 kVA	17,5 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	55 kVA	55 kVA
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	1,8 kA	1,8 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacío secundaria	7 V	7 V
Forza max. agli elettrodi a 8 bar Max. electrode force at 8 bar Fuerza max. a los electrodos a 8 bar	450 daN	450 daN
Sensore di riconoscimento Recognition sensor / Sensor de reconocimiento	-	-
Peso della pinza senza bracci Gun weight without arms - Peso pinza sin brazos	12,5 kg	12,5 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

8693/W/S/450



3645HSS



UNITÀ DI CONTROLLO TE40t
TE40t CONTROL UNIT
UNIDAD DE CONTROL TE40t



Maximum welding power
10000 A



TRAFO GUN SEMI-AUTOMATIC

72000



23221/P



PROGRAMMA SOFTWARE (A RICHIESTA)
PENDRIVE SOFTWARE PROGRAM (ON DEMAND)
PROGRAMA DE SOFTWARE (A SOLICITUD)

3591



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

8679H



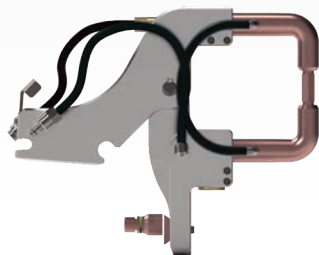
FORCE
450
daN

GYRO
360°
SCOPE

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	3645HSS 8679H	3645HSS 8679H
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3~50 Hz	*220 VACx3~50/60 Hz
Fusibili di rete Mains fuses - Fusibles de red	16 A - ritardato delayed - retardado	40 A - ritardato delayed - retardado
Corrente continua di saldatura Welding current - Corriente de soldadura continua	10.000 A	10.000 A
Serbatoio dell'acqua - contenuto Content of the water tank - Tanque de agua - contenido	36 l	36 l
Dimensioni di altezza/larghezza/profondità Dimensions height/width/depth Tamaño altura / ancho / profundidad	100 / 63 / 83 cm	100 / 61 / 83 cm
Peso totale senza accessori Total weight without accessories Peso total sin accesorios	85 kg	96 kg
Pinza "C" "C" gun - Pinza "C"	8679H	8679H
Lunghezza dei cavi Cables length - Longitud cables	4 m	4 m
Potenza nominale 50% ED Nominal power 50% ED / Potencia nominal 50% ED	17,5 kVA	17,5 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	55 kVA	55 kVA
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	1,8 kA	1,8 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacío secundaria	7 V	7 V
Forza max. agli elettrodi a 8 bar Max. electrode force at 8 bar Fuerza max. a los electrodos a 8 bar	450 daN	450 daN
Sensore di riconoscimento Recognition sensor / Sensor de reconocimiento	-	-
Peso della pinza senza bracci Gun weight without arms - Peso pinza sin brazos	12,5 kg	12,5 kg

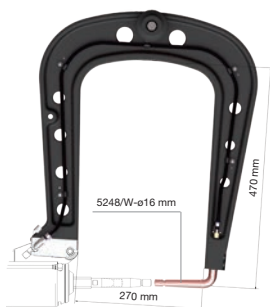
* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

8693/W/S/450



8680/Pack01

Ø 8695/W/S



8689
5223/W
5230T
5220/WP

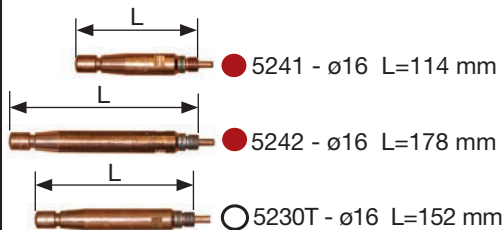
8680/Pack02

Ø 8686/W/S

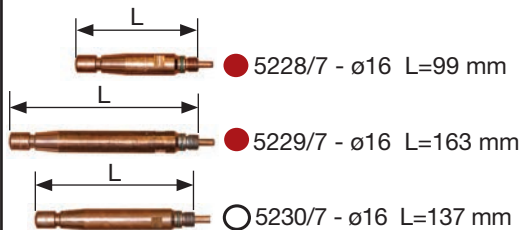


5221/2
5221/3
5240/W

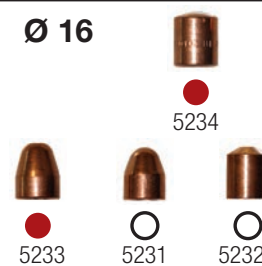
8679H | 8679TS



8679TS7



$\varnothing 16$



● STANDARD

○ A RICHIESTA - ON DEMAND - A SOLICITUD

5233/C

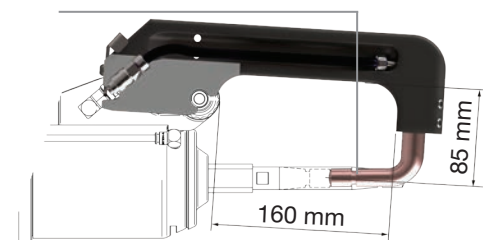
5234/C

5235K



5227/W- $\varnothing 16$ mm

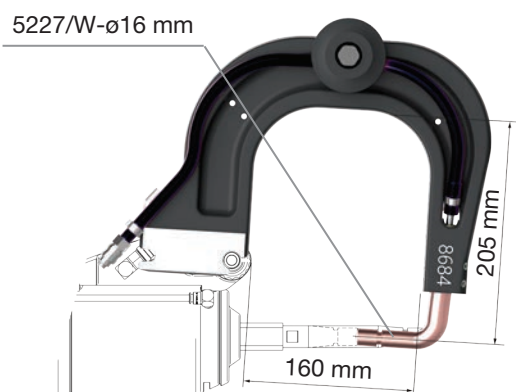
● 8685/W/S



○ 8687/W/S



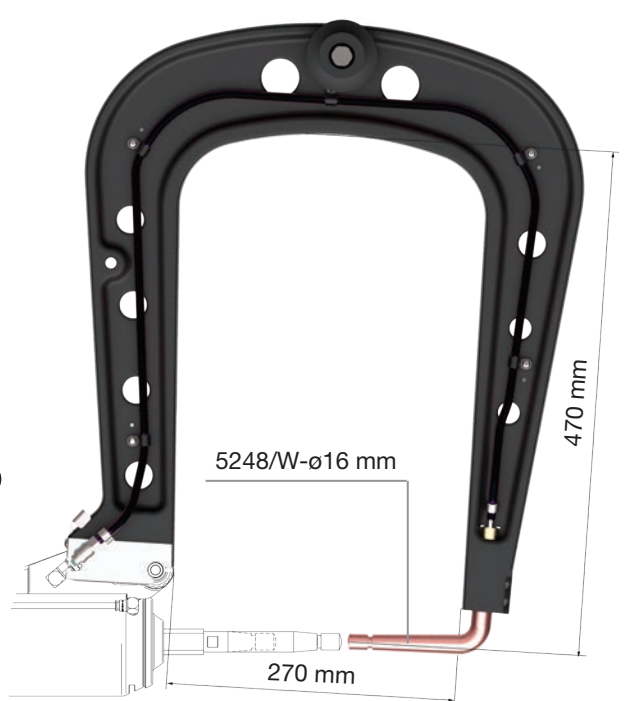
○ 8684/W/S

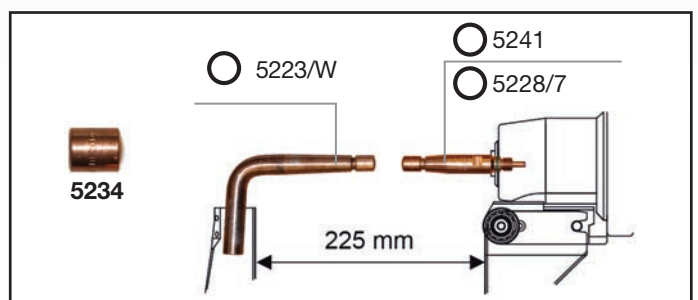
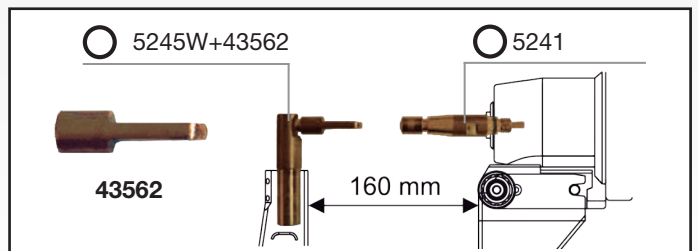
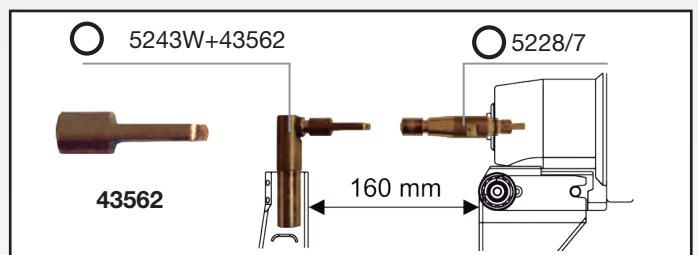
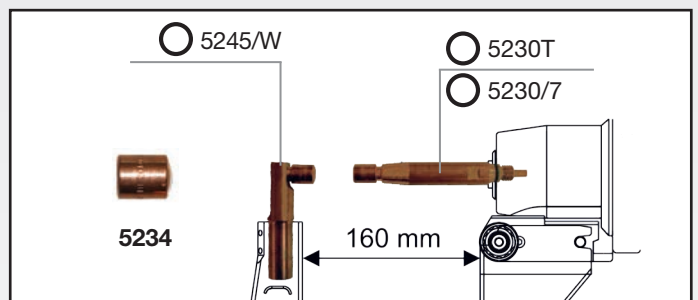
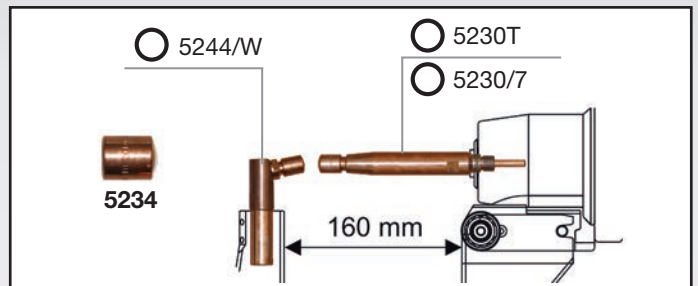
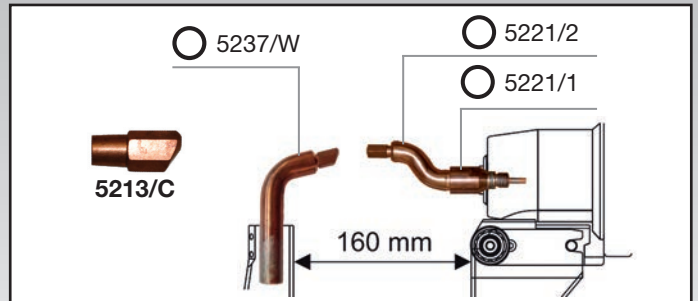
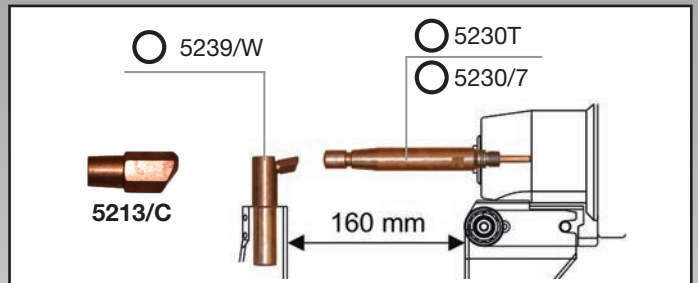
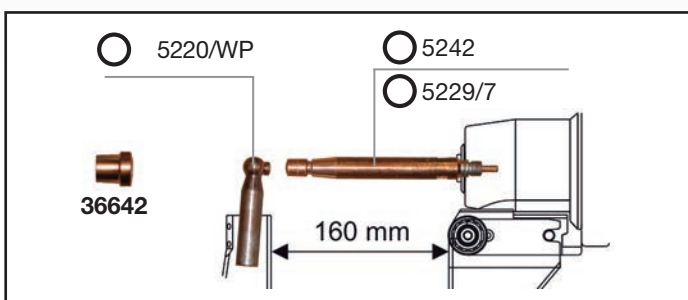
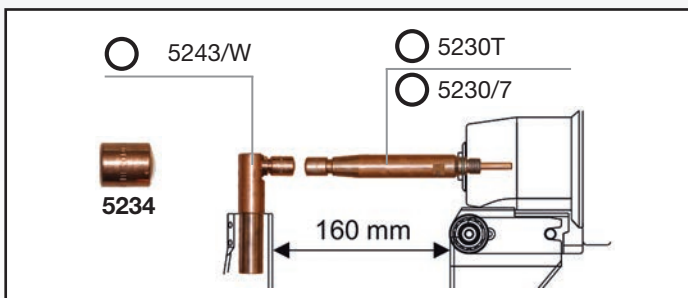
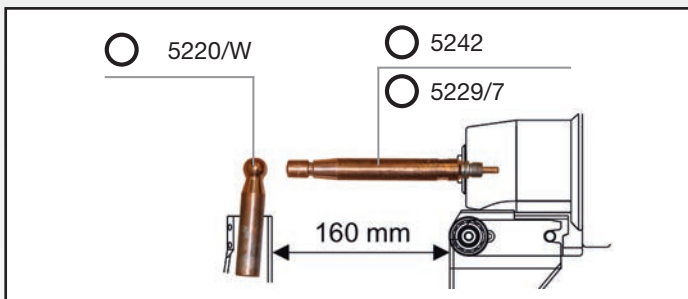
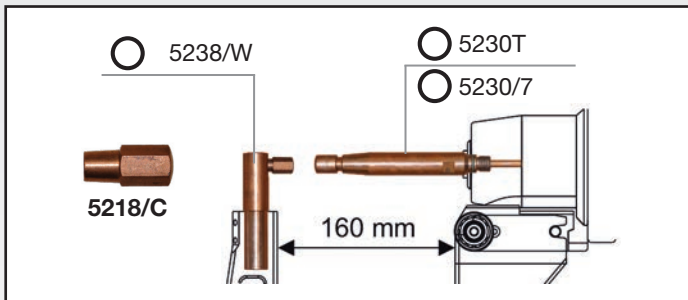
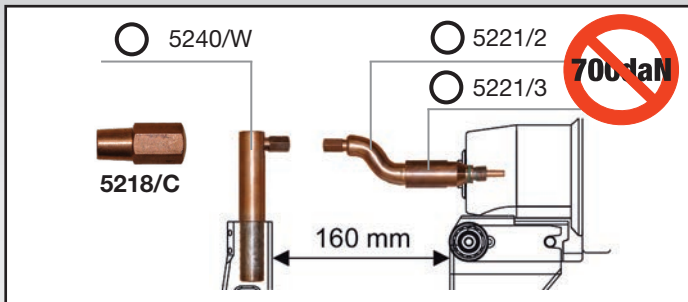
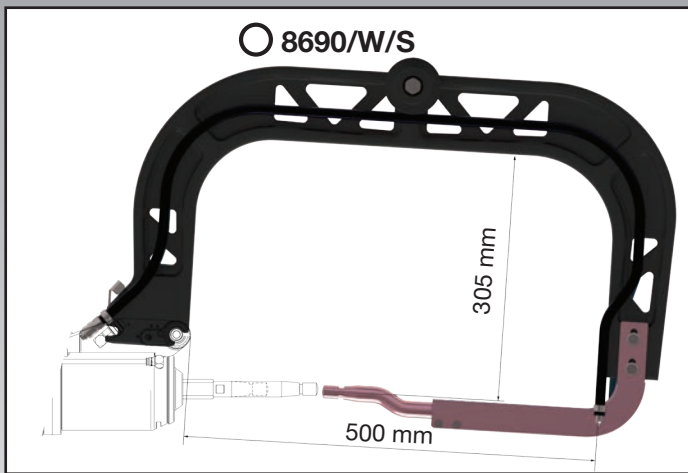


○ 8686/W/S

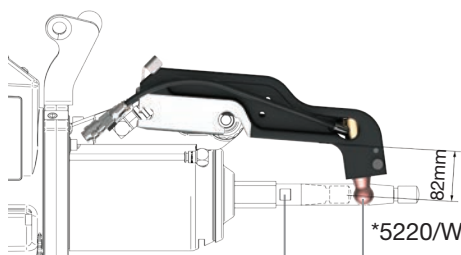


○ 8695/W/S



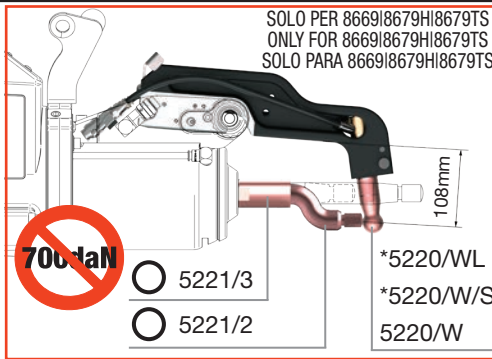


○ 8689 - *8689/W/S



● 5228/7
● 5241

*5220/WL
*5220/W/S
5220/W



700daN

○ 5221/3
○ 5221/2

*5220/WL
*5220/W/S
5220/W

OPZIONALI PER 5221/2
OPTIONAL FOR 5221/2
OPCIONAL PARA 5221/2



5210/C



5211/C



5213/C



5214/C

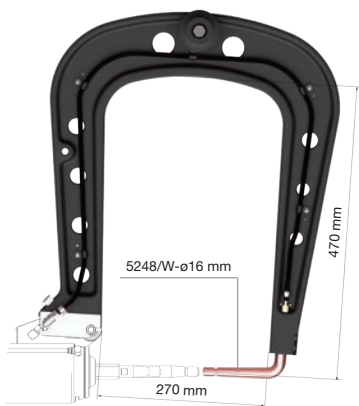


5218/C

● STANDARD ○ A RICHIESTA - ON DEMAND - A SOLICITUD

8680/Pack01

○ 8695/W/S



8689

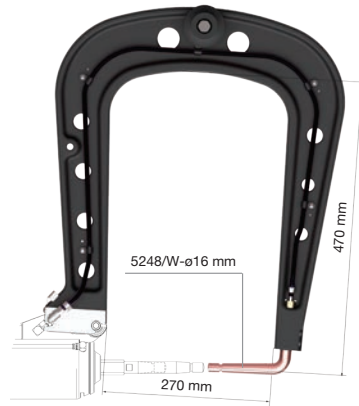
5223/W

5230T

5220/WP

8680/7/Pack01

○ 8695/W/S



8689

5223/W

5230/7

5220/WP

8680/Pack02

○ 8686/W/S



5221/2
5221/3

5240/W

8680/7/Pack02

○ 8686/W/S



5221/2
5221/7

5240/W

8678T

Ø 16



5234



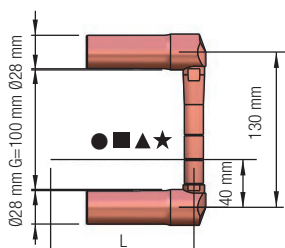
5233



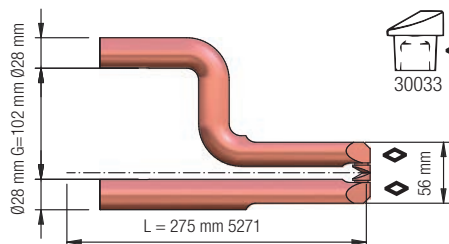
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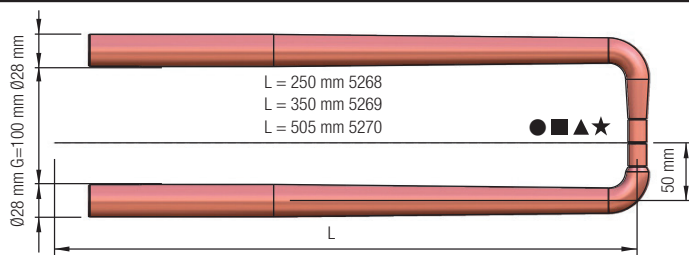
5232



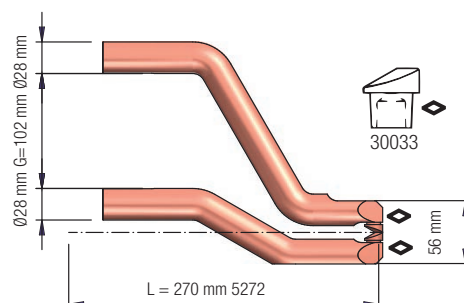
L = 120 mm 5260 - 6 bar 590daN
L = 155 mm 5261 - 6 bar 485daN
L = 250 mm 5262 - 6 bar 300daN
L = 355 mm 5263 - 5 bar 180daN
L = 505 mm 5264 - 5 bar 125daN



L = 275 mm 5271



L = 250 mm 5268
L = 350 mm 5269
L = 505 mm 5270



L = 270 mm 5272



30033



30033



**TRADITIONAL INVERTER
SEMI-AUTOMATIC**

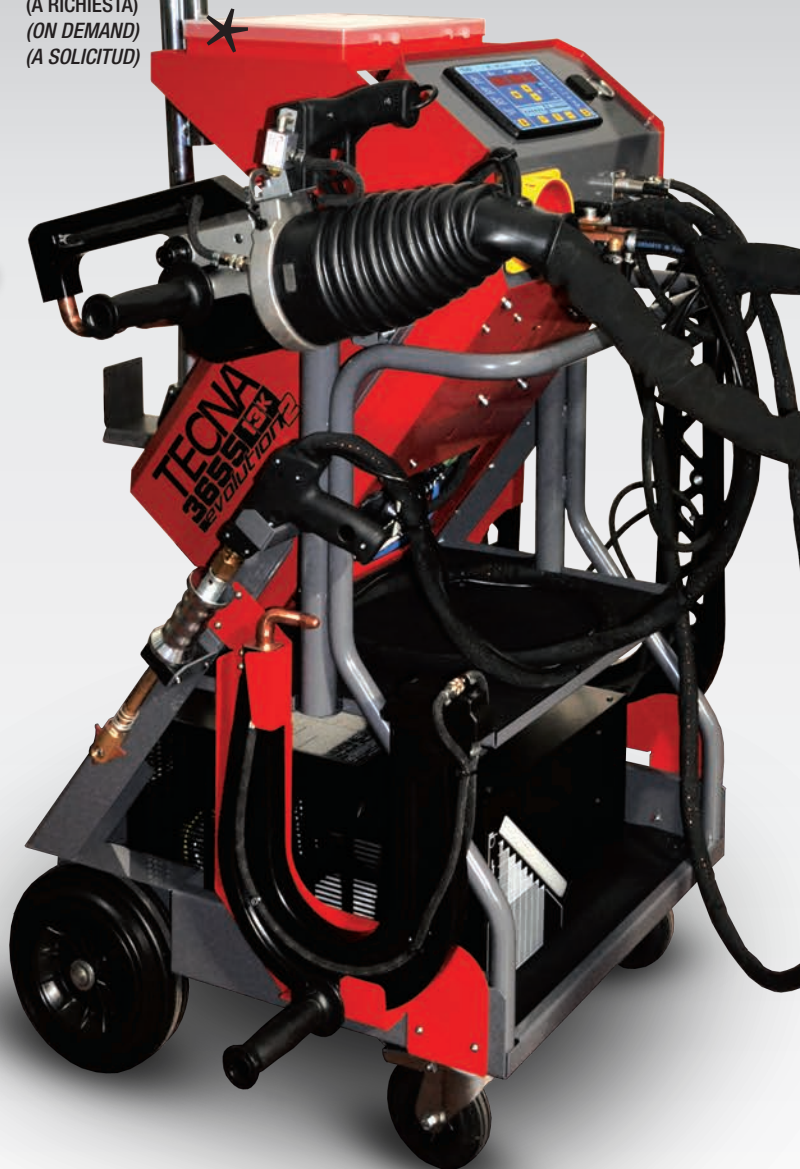
3655E2



UNITÀ DI CONTROLLO TE40i
TE40i CONTROL UNIT
UNIDAD DE CONTROL TE40i

Maximum welding power
13000 A

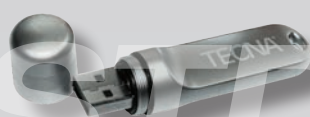
(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



7637



23221/P



PROGRAMMA SOFTWARE
PENDRIVE SOFTWARE PROGRAM
PROGRAMA DE SOFTWARE

3575



7638

3578

PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

STP

8669/7

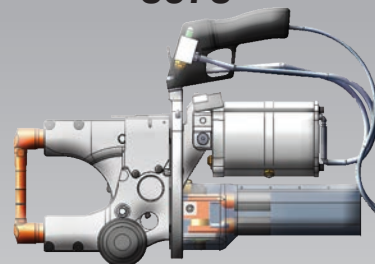

FORCE
700
 daN

GYRO
360°
 SCOPE

8677


FORCE
240
 daN

8678


FORCE
610
 daN

GYRO
360°
 SCOPE

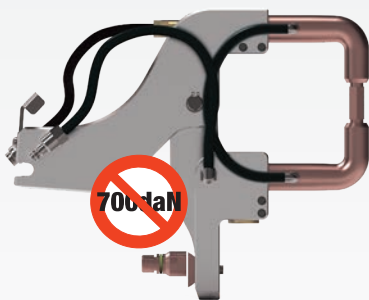
 Forza/bracci vedi pag. 33
 Arms/force see pag. 33
 Fuerza/arms ver pág. 33

DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS

	3655E2
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VACx3-50 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	50 A - ritardato delayed - retardado
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal al 50% ED	25 kVA
Potenza massima di saldatura Maximum welding power / La potencia máxima de soldadura	190 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxima	13000 A
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	1,25 kA
Tensione a vuoto secondaria No load secondary voltage / Voltaje de circuito abierto secundaria	16 V
Tempo di saldatura Weld time / Tiempo de soldadura	0,01 ÷ 2 s
Peso Weight / Peso	150 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

8693/W/S/700



7639


 (A RICHIESTA)
 (ON DEMAND)
 (A SOLICITUD)

8680/7/Pack01

O 8695/W/S



8689



5223/W



5230/7



5220/WP

8680/7/Pack02

O 8686/W/S

5221/2
5221/7

5240/W

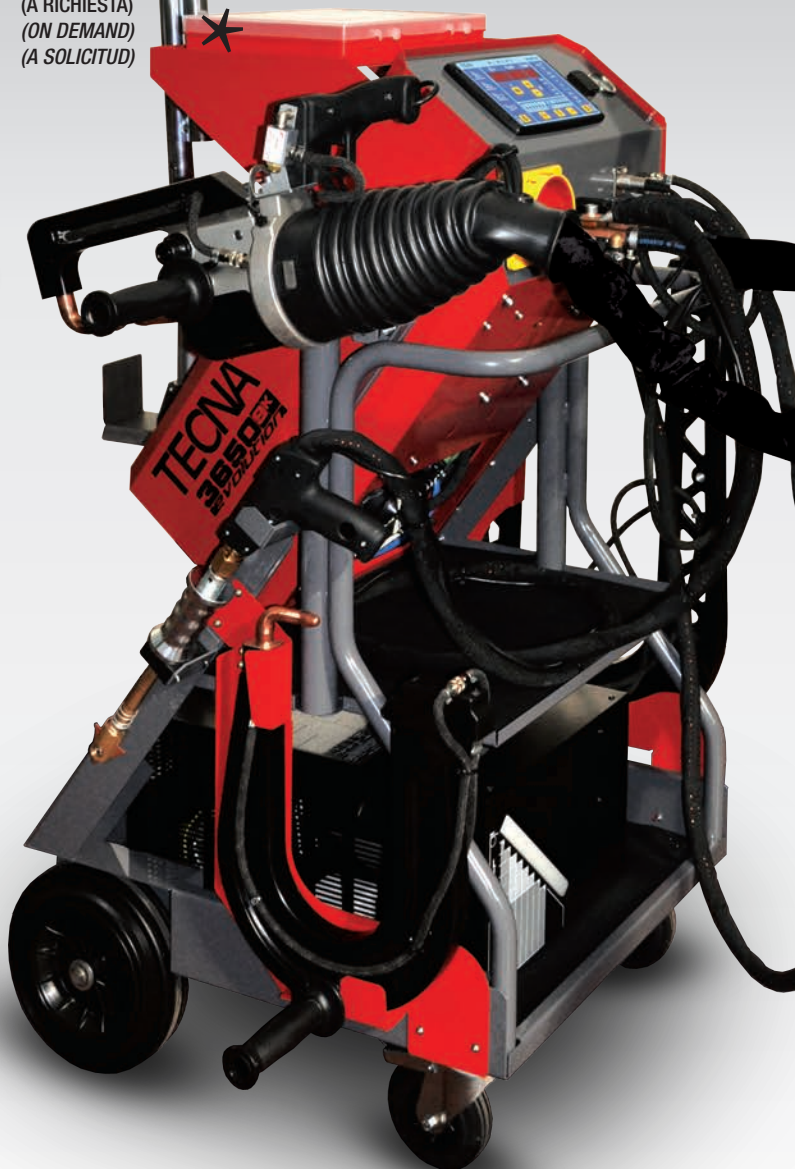
3650ECF20



UNITÀ DI CONTROLLO TE40i
TE40i CONTROL UNIT
UNIDAD DE CONTROL TE40i

Maximum welding power
9000 A

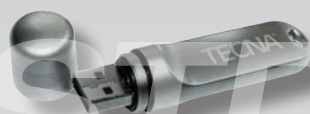
(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



7637



23221/P



PROGRAMMA SOFTWARE
PENDRIVE SOFTWARE PROGRAM
PROGRAMA DE SOFTWARE

3575



7638

3578

PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

TRADITIONAL INVERTER SEMI-AUTOMATIC

8669

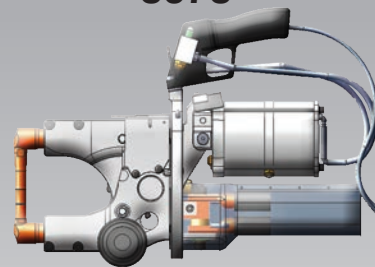

FORCE
450
 daN

GYRO
360°
SCOPE

8677


FORCE
240
 daN

8678


FORCE
610
 daN

GYRO
360°
SCOPE

 Forza/bracci vedi pag. 33
 Arms/force see pag. 33
 Fuerza/arms ver pág. 33

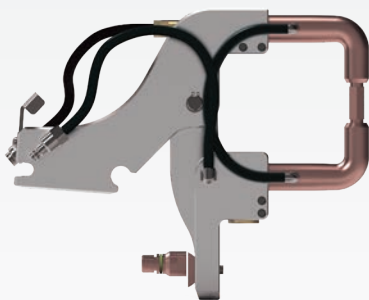
DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS
3650ECF20
 Tensione d'alimentazione
 Supply voltage - Fuente de alimentación
***400 VACx3~50 Hz**
 Protezione di rete (ritardati)
 Mains protection (delayed) / Protección principal (retardados)

35 A - ritardato
 delayed - retardado

 Potenza nominale 50% ED
 Nominal Power 50% ED / Potencia nominal al 50% ED
25 kVA
 Potenza massima di saldatura
 Maximum welding power / La potencia máxima de soldadura
125 kVA
 Corrente secondaria massima
 Maximum secondary current / Corriente secundaria máxima
9000 A
 Corrente termica 100%
 Thermal current 100% / Corriente térmica 100%
1,25 kA
 Tensione a vuoto secondaria
 No load secondary voltage / Voltaje de circuito abierto secundaria
15 V
 Tempo di saldatura
 Weld time / Tiempo de soldadura
0,01 ÷ 2 s
 Peso
 Weight / Peso
150 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

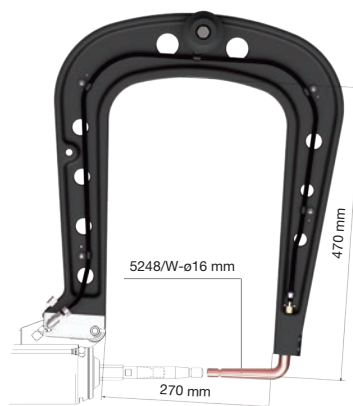
8693/W/S/450



7639

 (A RICHIESTA)
 (ON DEMAND)
 (A SOLICITUD)
**8680/Pack01**

O 8695/W/S



8689



5223/W



5230T



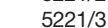
5220/WP

8680/Pack02

O 8696/W/S



5221/2



5221/3



5240/W

3655LCC



UNITÀ DI CONTROLLO TE40i
TE40i CONTROL UNIT
UNIDAD DE CONTROL TE40i

Maximum welding power
13000 A



TRADITIONAL INVERTER SEMI-AUTOMATIC

7637



3575



7638

3578

PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

23221/P



PROGRAMMA SOFTWARE (A RICHIESTA)
PENDRIVE SOFTWARE PROGRAM (ON DEMAND)
PROGRAMA DE SOFTWARE (A SOLICITUD)

8669

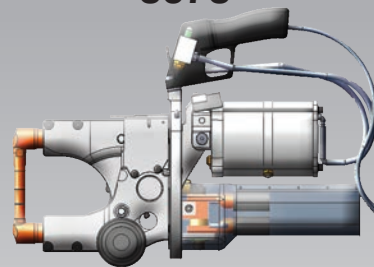

FORCE
450
 daN

GYRO
360°
SCOPE

8677


FORCE
240
 daN

8678


FORCE
610
 daN

GYRO
360°
SCOPE

 Forza/bracci vedi pag. 33
 Arms/force see pag. 33
 Fuerza/arms ver pág. 33

DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS

3655LCC

 Tensione d'alimentazione
 Supply voltage - Fuente de alimentación

*400 VACx3~50 Hz

 Protezione di rete (ritardati)
 Mains protection (delayed) / Protección principal (retardados)

 50 A - ritardato
 delayed - retardado

 Potenza nominale 50% ED
 Nominal Power 50% ED / Potencia nominal al 50% ED

25 kVA

 Potenza massima di saldatura
 Maximum welding power / La potencia máxima de soldadura

190 kVA

 Corrente secondaria massima
 Maximum secondary current / Corriente secundaria máxima

13000 A

 Corrente termica 100%
 Thermal current 100% / Corriente térmica 100%

1,25 kA

 Tensione a vuoto secondaria
 No load secondary voltage / Voltaje de circuito abierto secundaria

16 V

 Tempo di saldatura
 Weld time / Tiempo de soldadura

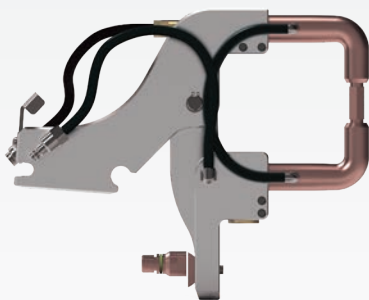
0,01 ÷ 2 s

 Peso
 Weight / Peso

150 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

8693/W/S/450

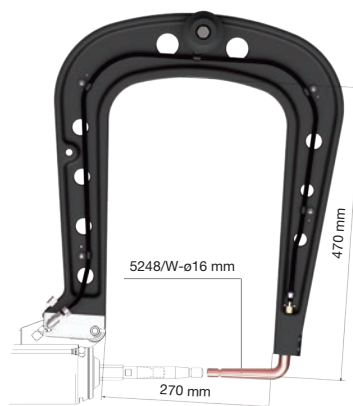


7639

 (A RICHIESTA)
 (ON DEMAND)
 (A SOLICITUD)


8680/Pack01

O 8695/W/S



8689



5223/W



5230T



5220/WP

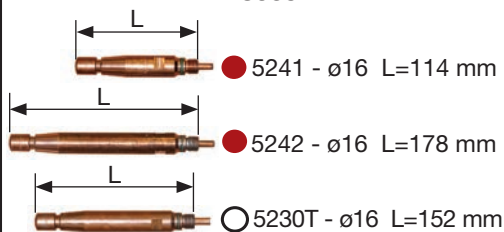
8680/Pack02

O 8696/W/S

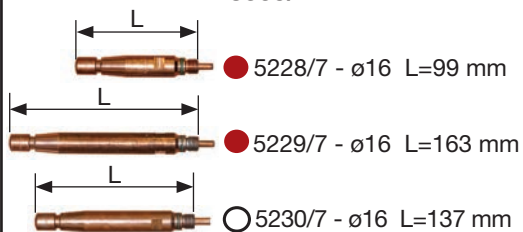
5221/2
5221/3

5240/W

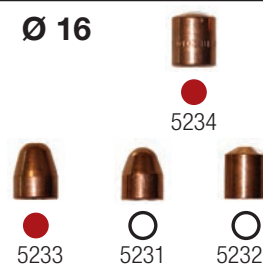
8669



8669/7



$\varnothing 16$



● STANDARD

○ A RICHIESTA - ON DEMAND - A SOLICITUD

5233/C

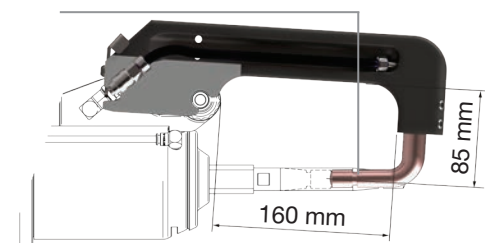
5234/C

5235K



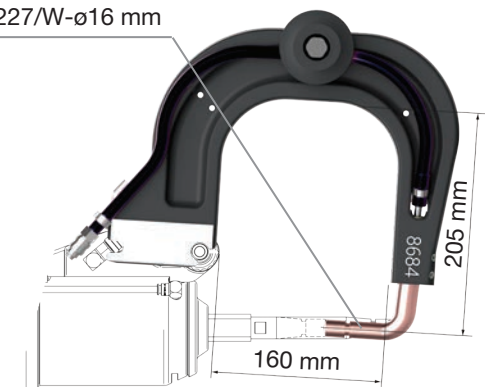
5227/W- $\varnothing 16$ mm

● 8685/W/S



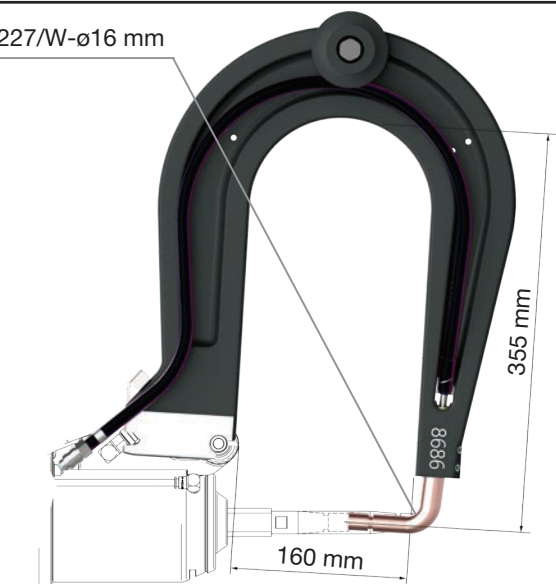
5227/W- $\varnothing 16$ mm

○ 8684/W/S



5227/W- $\varnothing 16$ mm

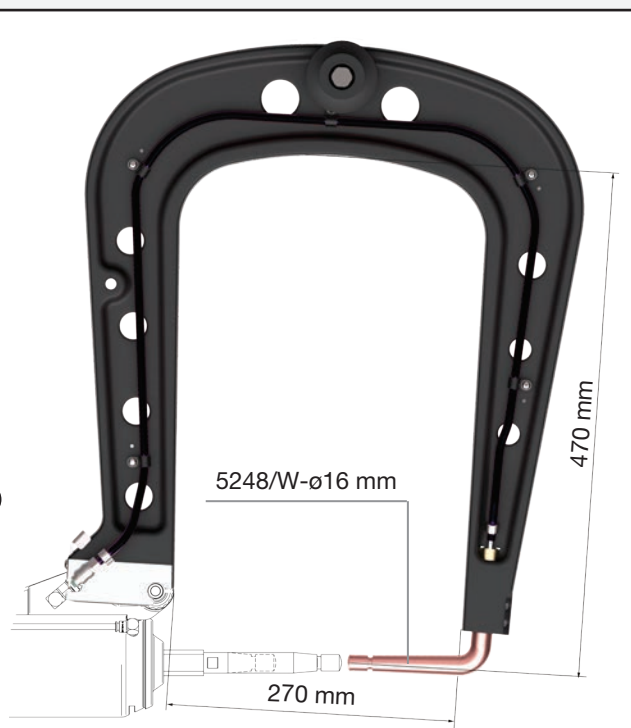
○ 8686/W/S

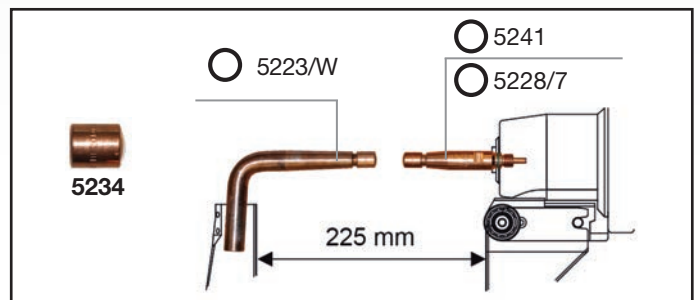
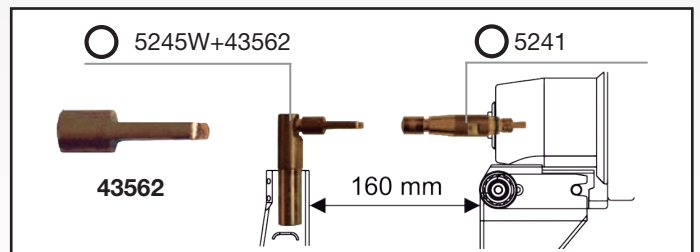
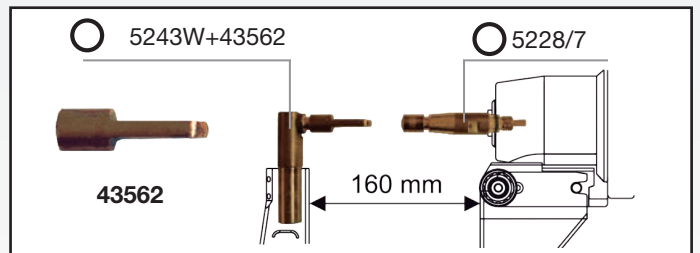
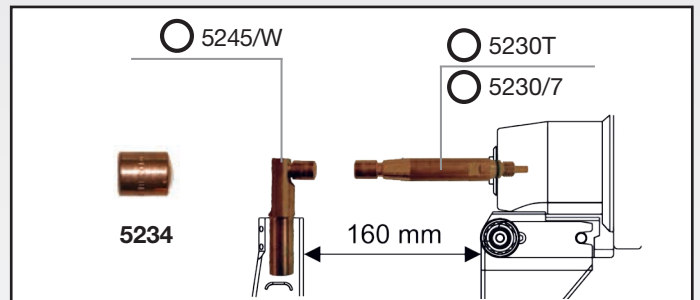
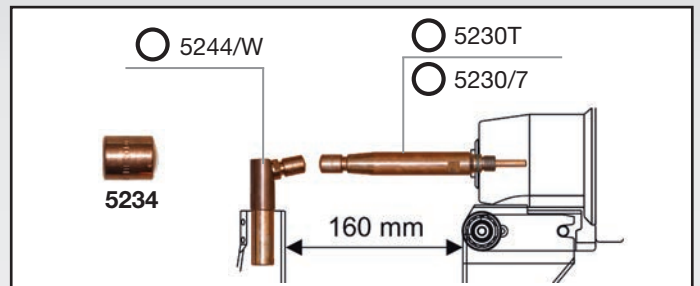
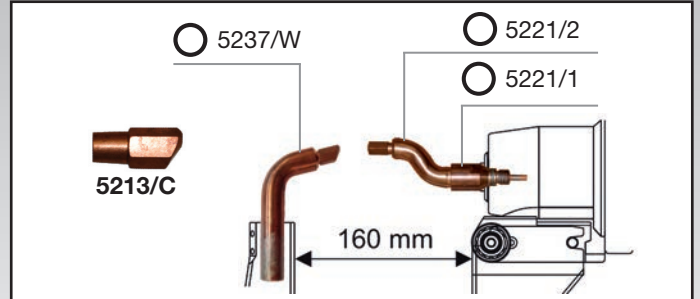
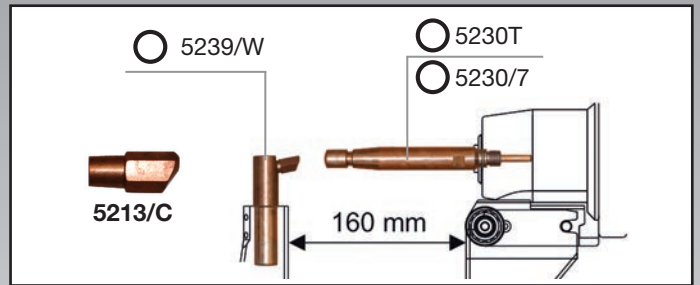
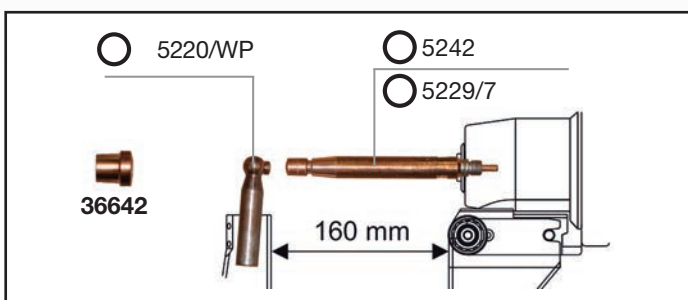
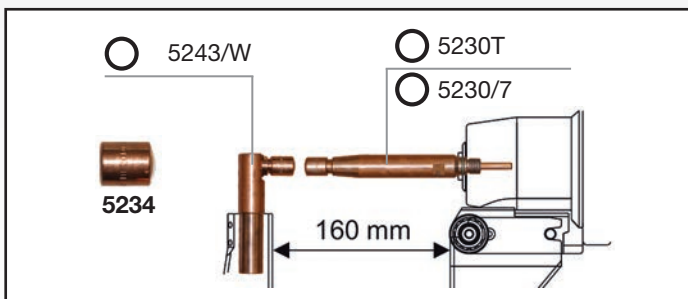
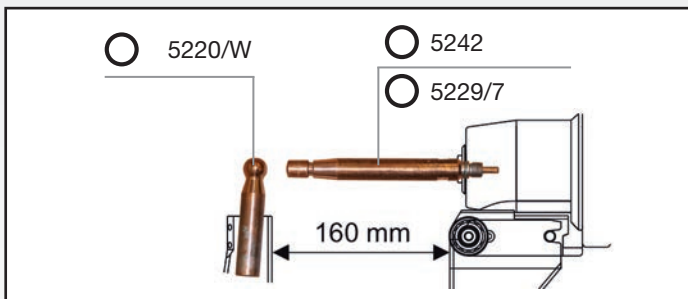
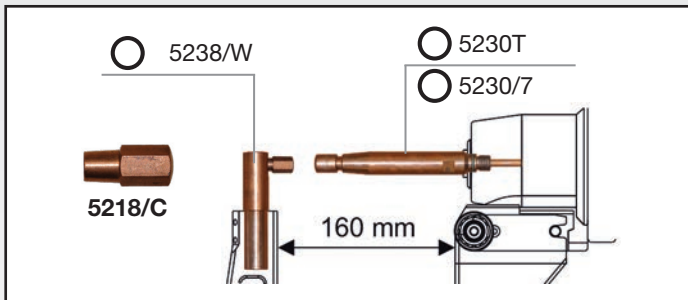
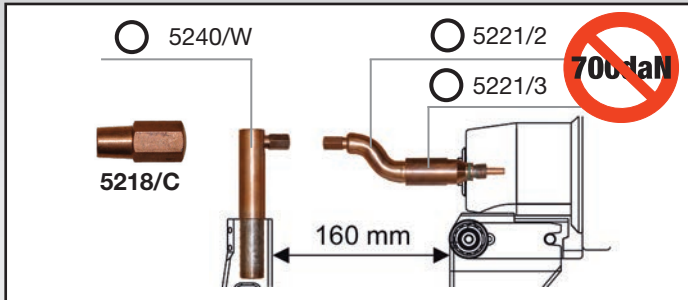
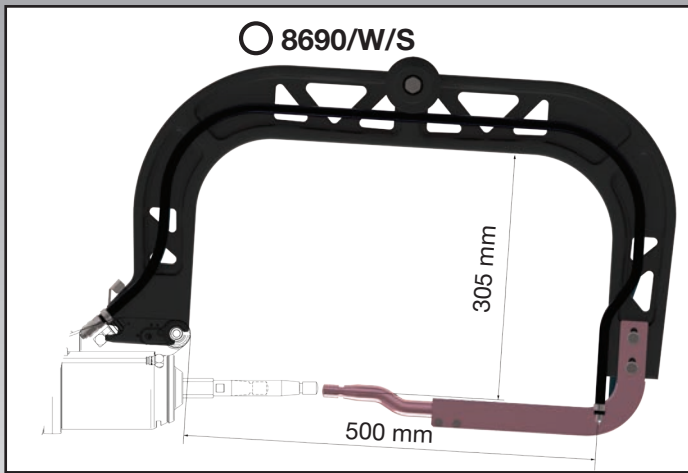


○ 8687/W/S

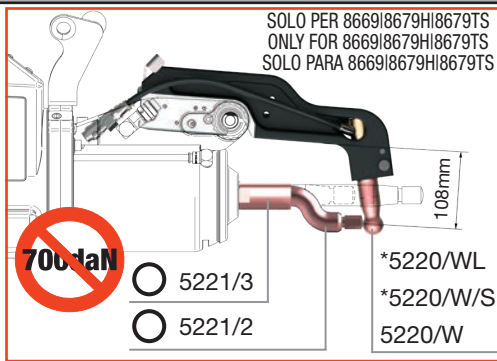
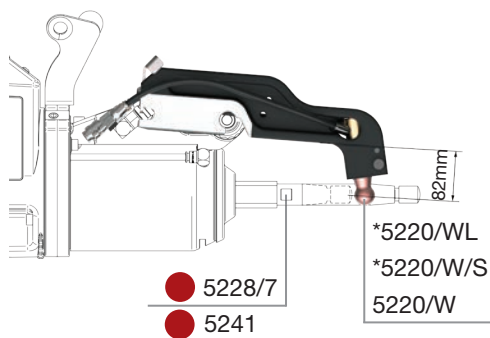


○ 8695/W/S





○ 8689 - *8689/W/S



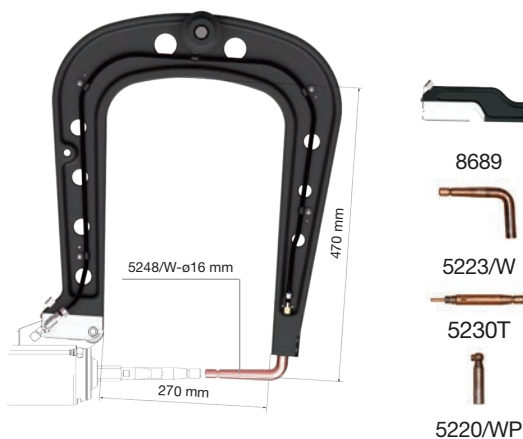
OPZIONALI PER 5221/2
OPTIONAL FOR 5221/2
OPCIONAL PARA 5221/2



● STANDARD ○ A RICHIESTA - ON DEMAND - A SOLICITUD

8680/Pack01

○ 8695/W/S



8680/7/Pack01

○ 8695/W/S



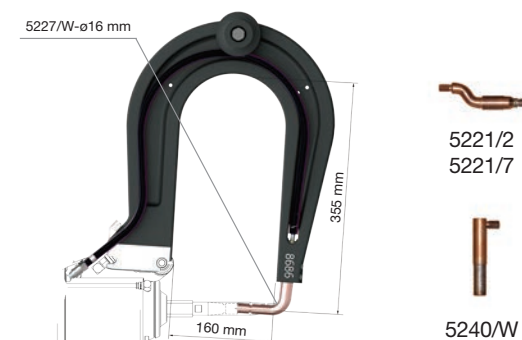
8680/Pack02

○ 8686/W/S



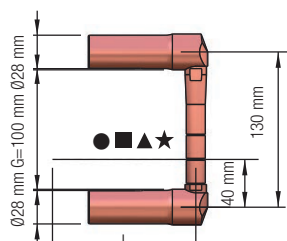
8680/7/Pack02

○ 8686/W/S

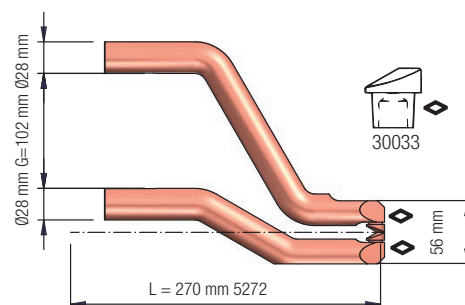
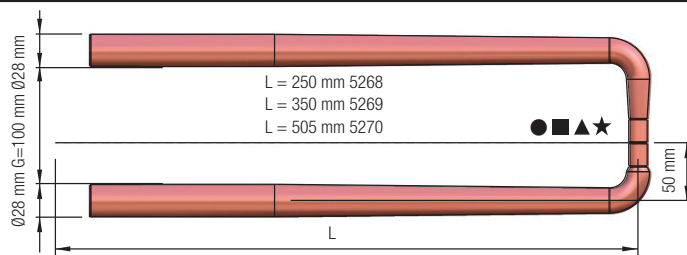
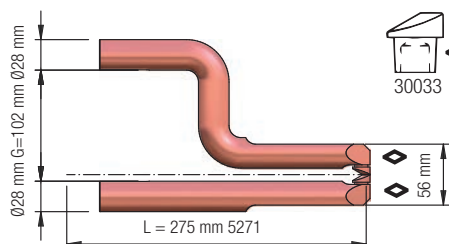


8678

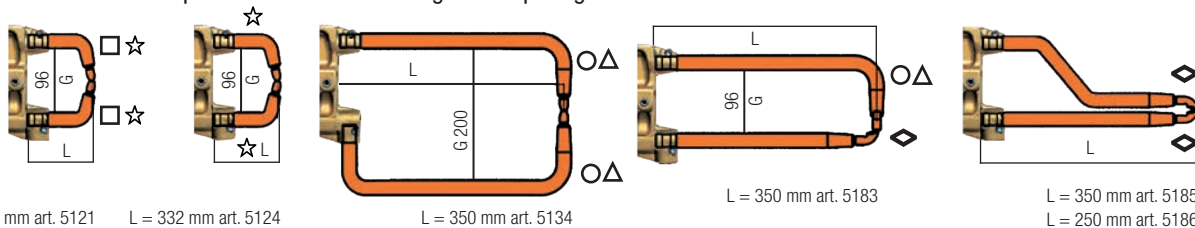
Ø 16



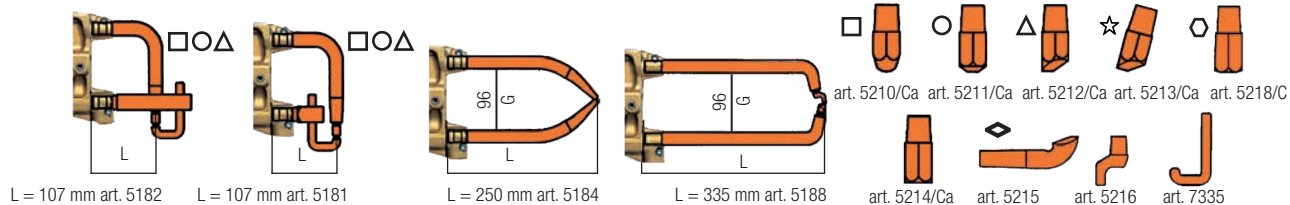
L = 120 mm 5260 - 6 bar 590daN
L = 155 mm 5261 - 6 bar 485daN
L = 255 mm 5262 - 6 bar 300daN
L = 355 mm 5263 - 5 bar 180daN
L = 505 mm 5264 - 5 bar 125daN



Ø 20 mm - Raffreddati ad acqua | Water-cooled | Refrigeración por agua

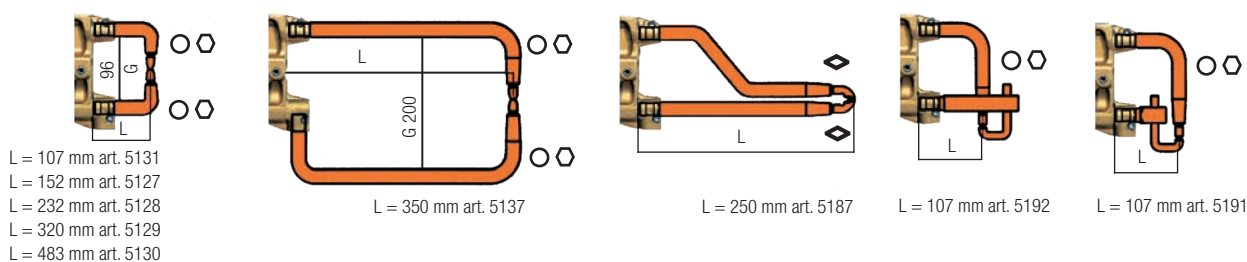


8677 - MAX 6 bar



Ø 22 mm - Raffreddati ad acqua | Water-cooled | Refrigeración por agua

Confezione da 12 pezzi | Set of 12 pieces | Estuche de 12 piezas



8677 - MAX 8 bar

TECNA[®]

Resistance Welding Systems & Balancers

www.tecna.net

Spot welding solutions

3546
RISCALDATORE
INFRAROSSI
INFRARED HEATER



3465K
SPOTTER



3664P7
"completamente automatica"



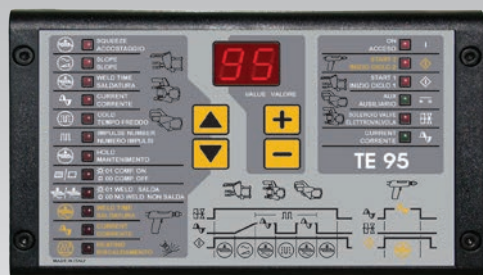
3680
"completamente automatica"

I prodotti TECNA hanno ricevuto l'omologazione di diverse prestigiose case automobilistiche leader nel mondo



**SINGLE PHASE
SEMI-AUTOMATIC**

3450



UNITÀ DI CONTROLLO TE95
TE95 CONTROL UNIT
UNIDAD DE CONTROL TE95



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



Maximum welding power
8000 A



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



7637



8075

7638

3469

PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

SINGLE PHASE SEMI-AUTOMATIC

3696



FORCE
80
daN(max)

8672/S1



FORCE
150
daN

8676



FORCE
190
daN

8677



FORCE
240
daN

8659



FORCE
320
daN

GYRO
360°
SCOPE

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

	3450
Tensione d'alimentazione Supply voltage - Fuente de alimentación	*400 VAC~50 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	25 A - ritardato delayed - retardado
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal al 50% ED	10 kVA
Potenza massima di saldatura Maximum welding power / La potencia máxima de soldadura	50 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxima	8000 A
Corrente termica 100% Thermal current 100% / Corriente térmica 100%	0,88 kA
Tensione a vuoto secondaria No load secondary voltage / Voltaje de circuito abierto secundaria	8 V
Tempo di saldatura Weld time / Tiempo de soldadura	1 ÷ 65 cicli
Peso Weight / Peso	105 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

7639



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

8675



GRUPPO DI RAFFREDDAMENTO (A RICHIESTA)
COOLING SYSTEM (ON DEMAND)
MÓDULO DE REFRIGERACIÓN (A SOLICITUD)

3487/W



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



Maximum welding power
6400 A

(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

7637

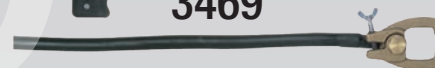


8075



7638

3469



PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

SINGLE PHASE SEMI-AUTOMATIC

3696



FORCE
80
daN(max)

8672/S1



FORCE
150
daN

8676



FORCE
190
daN

8677



FORCE
240
daN

DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS

3487/W

Tensione d'alimentazione
Supply voltage - Fuente de alimentación

*400 VAC~50 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

25 A - ritardato
delayed - retardado

Potenza nominale 50% ED
Nominal Power 50% ED / Potencia nominal al 50% ED

8 kVA

Potenza massima di saldatura
Maximum welding power / La potencia máxima de soldadura

35 kVA

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

6400 A

Corrente termica 100%
Thermal current 100% / Corriente térmica 100%

0,88 kA

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

7 V

Tempo di saldatura
Weld time / Tiempo de soldadura

1 ÷ 65 cicli

Peso
Weight / Peso

105 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

7639



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

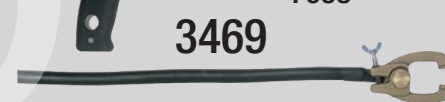
8675



GRUPPO DI RAFFREDDAMENTO (A RICHIESTA)
COOLING SYSTEM (ON DEMAND)
MÓDULO DE REFRIGERACIÓN (A SOLICITUD)

3484

SINGLE PHASE SEMI-AUTOMATIC



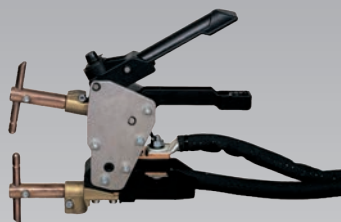
PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

3696



FORCE
80
daN(max)

3491



FORCE
120
daN(max)

DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS

3484

Tensione d'alimentazione
Supply voltage - Fuente de alimentación

*400 VAC~50 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

25 A - ritardato
delayed - retardado

Potenza nominale 50% ED
Nominal Power 50% ED / Potencia nominal al 50% ED

8 kVA

Potenza massima di saldatura
Maximum welding power / La potencia máxima de soldadura

35 kVA

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

6400 A

Corrente termica 100%
Thermal current 100% / Corriente térmica 100%

0,88 kA

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

7 V

Tempo di saldatura
Weld time / Tiempo de soldadura

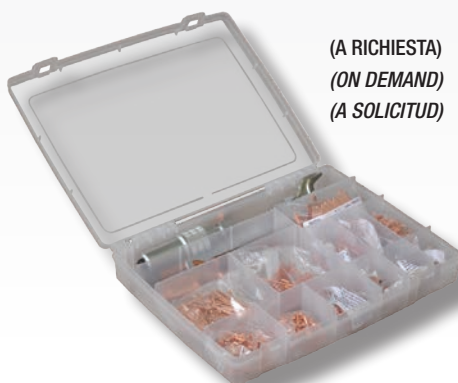
1 ÷ 65 cicli

Peso
Weight / Peso

85 kg

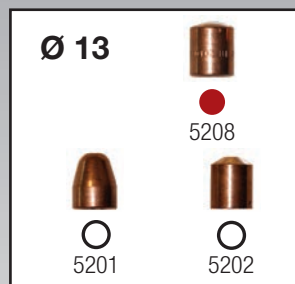
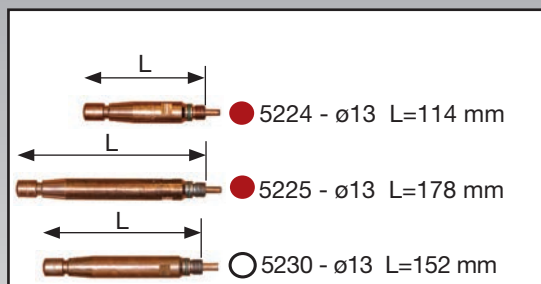
* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

7639



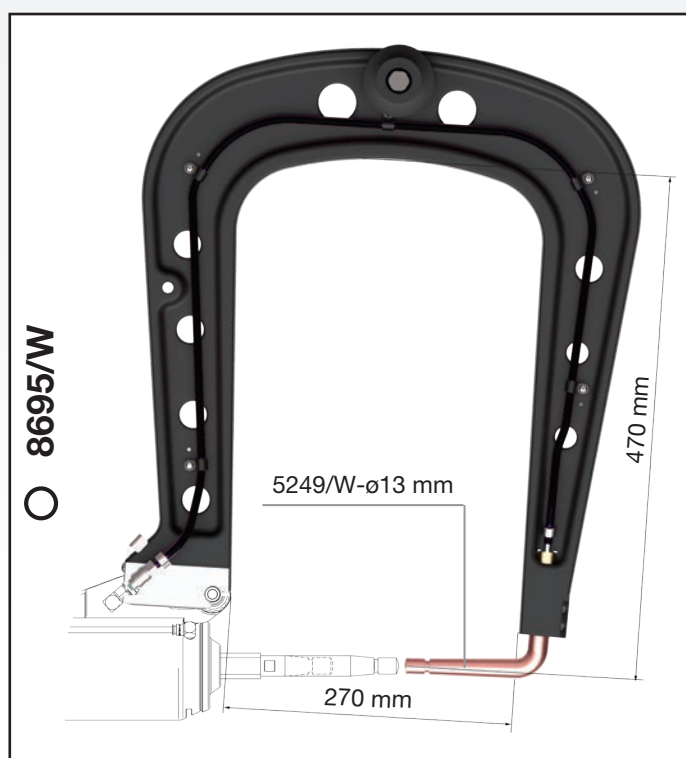
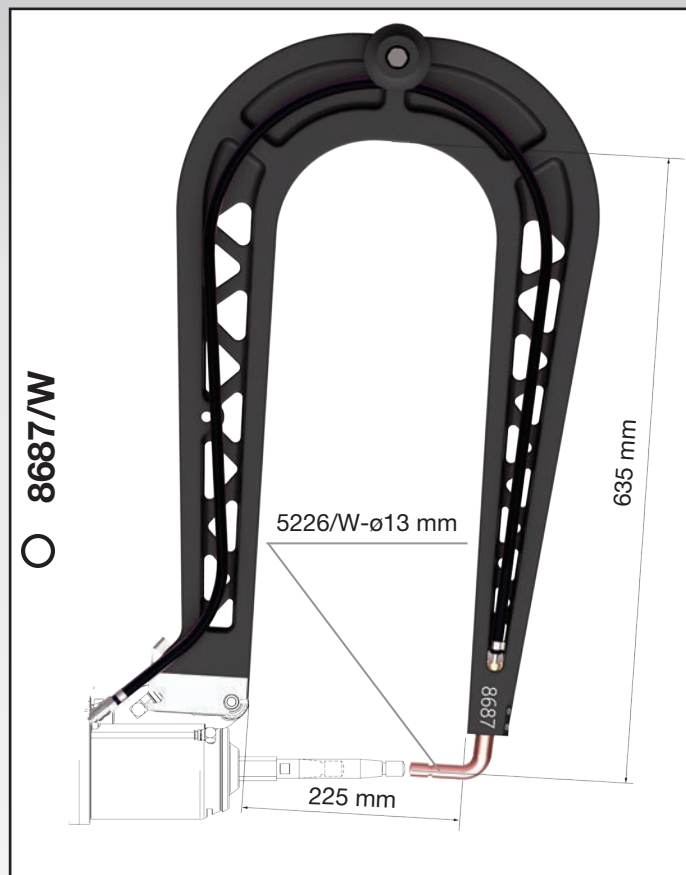
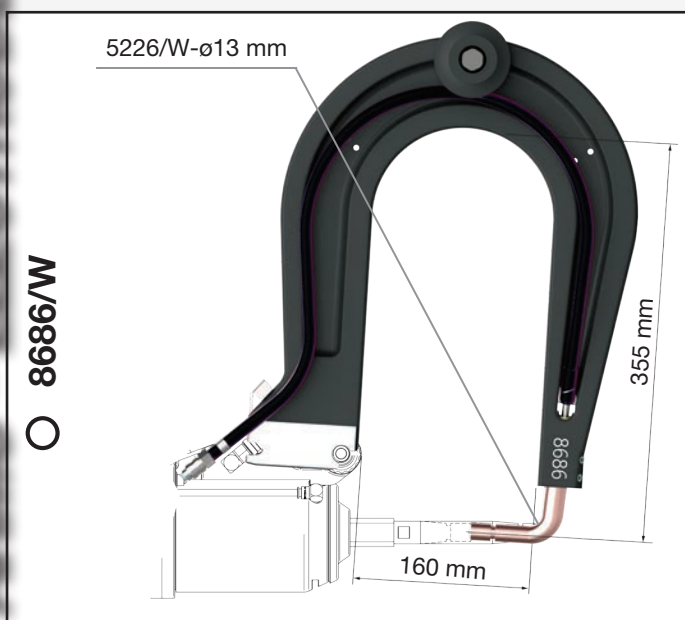
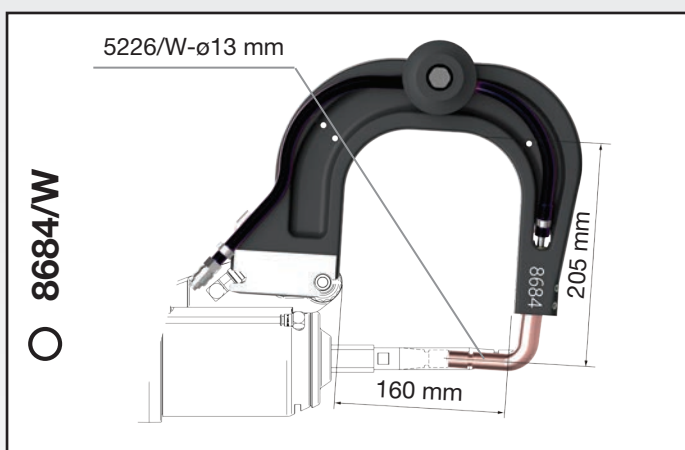
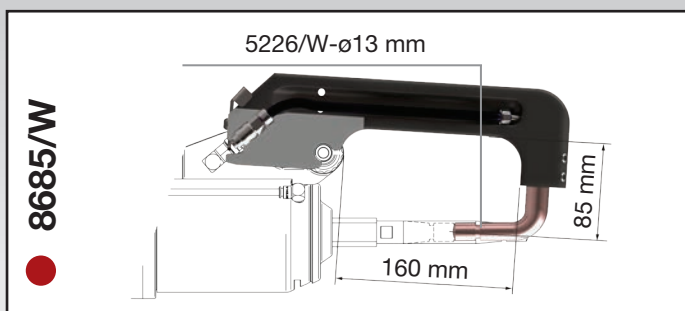
(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

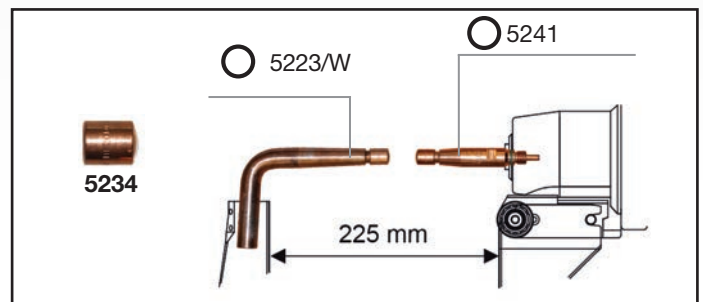
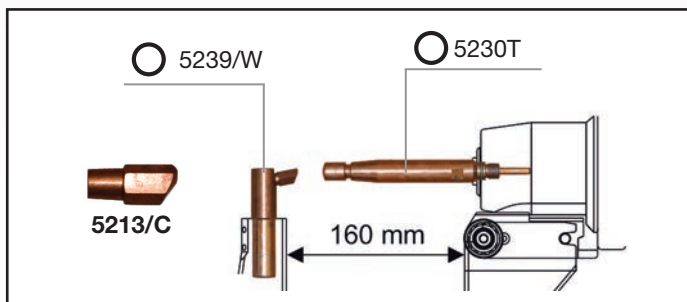
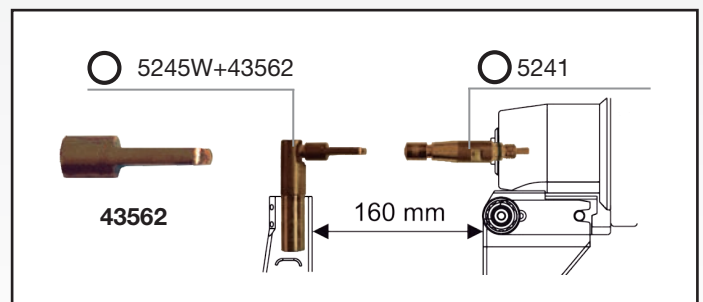
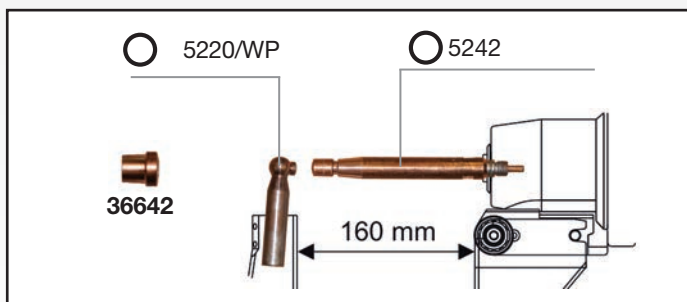
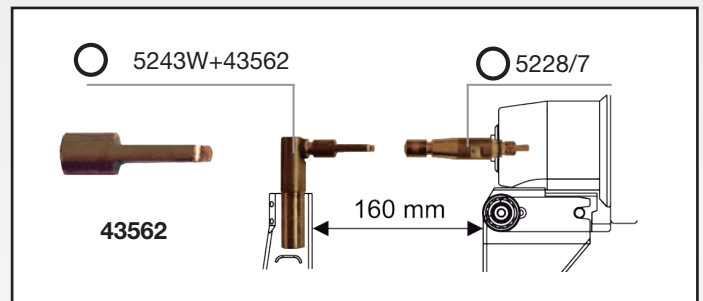
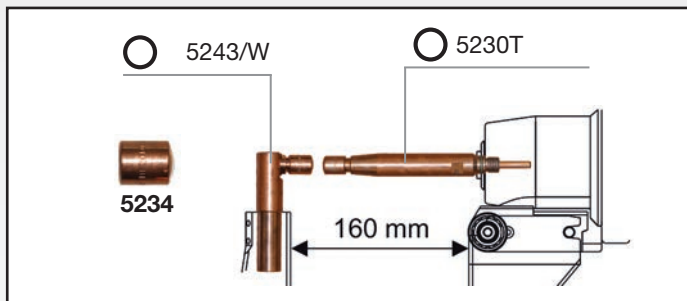
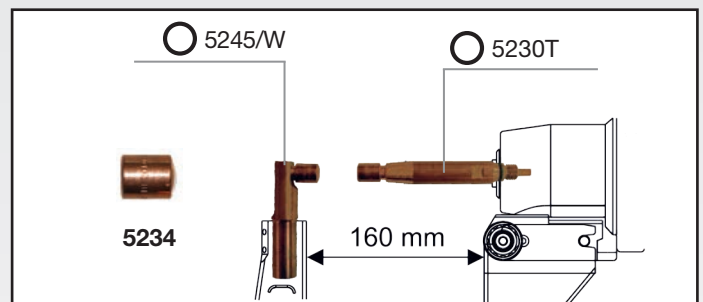
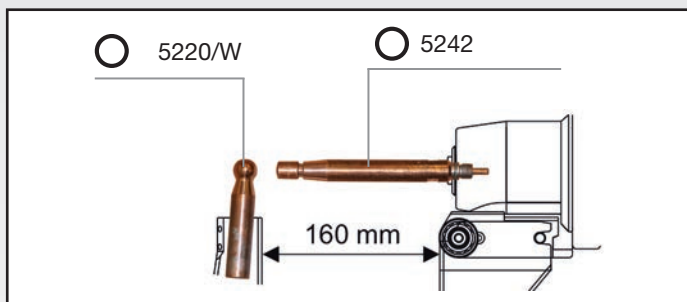
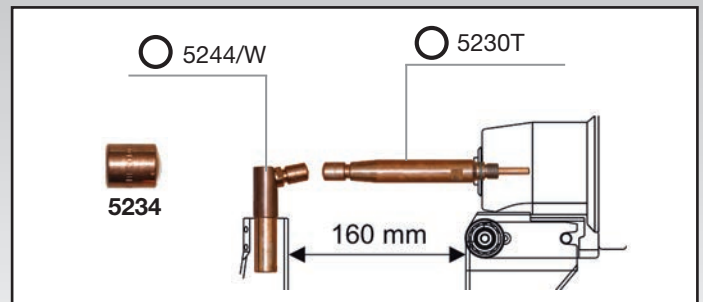
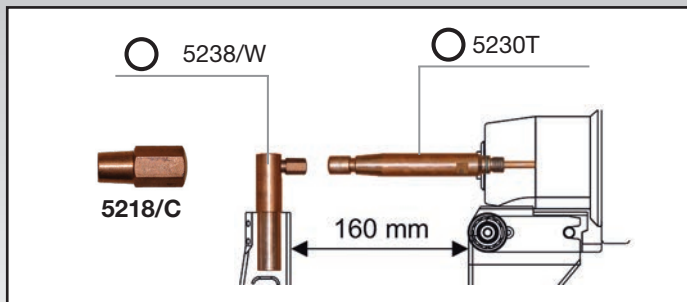
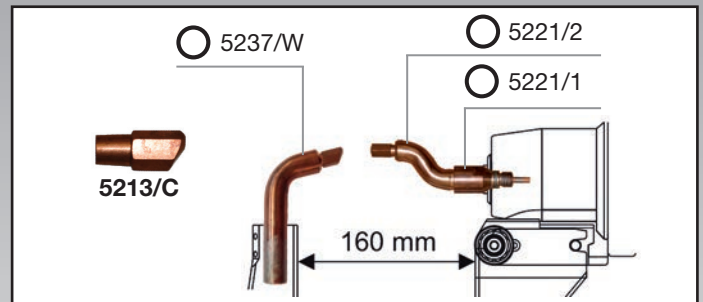
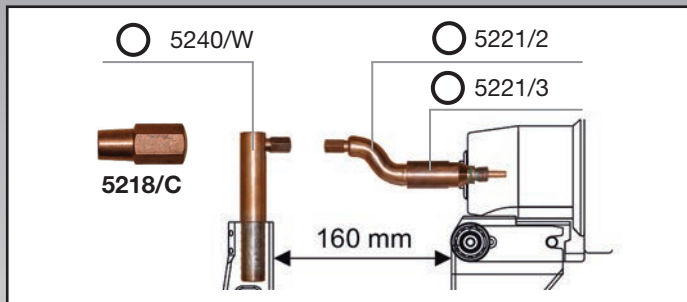
8659



● STANDARD

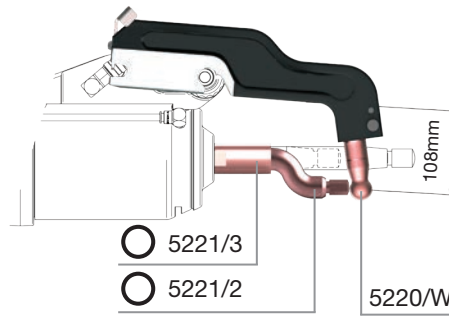
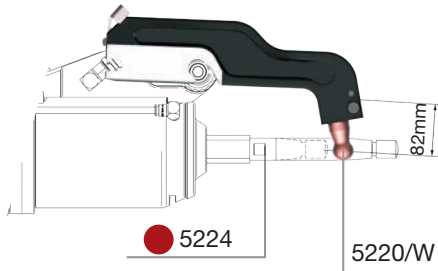
○ A RICHIESTA - ON DEMAND - A SOLICITUD





8659

8689

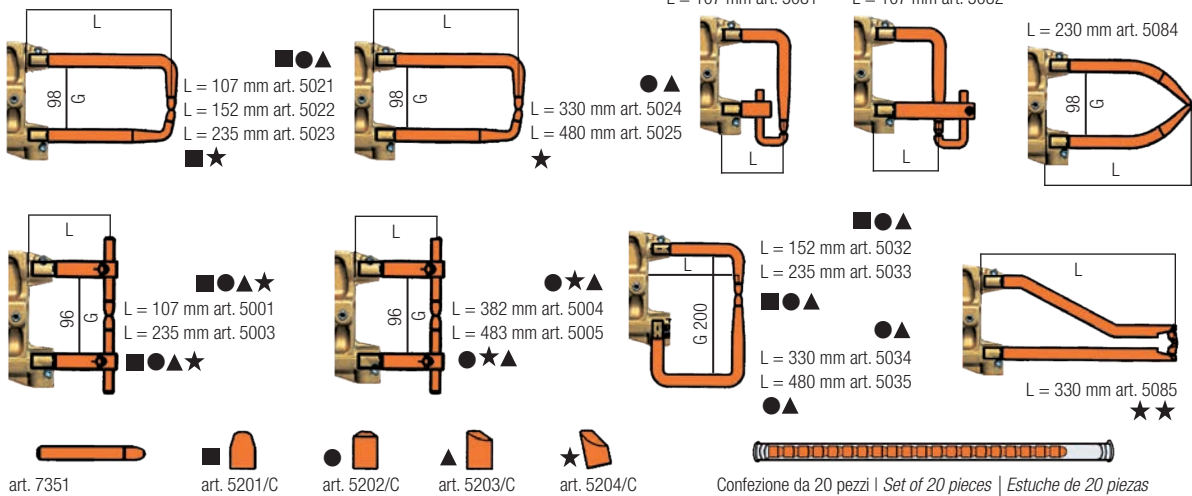


OPZIONALI PER 5221/2
OPTIONAL FOR 5221/2
OPCIONAL PARA 5221/2

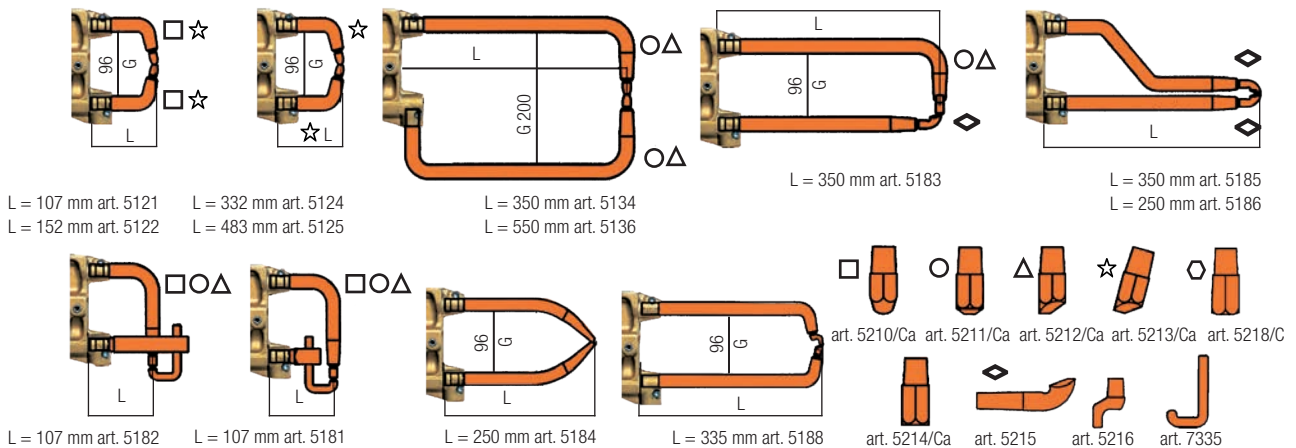


8672/S1 | 8676 | 8677

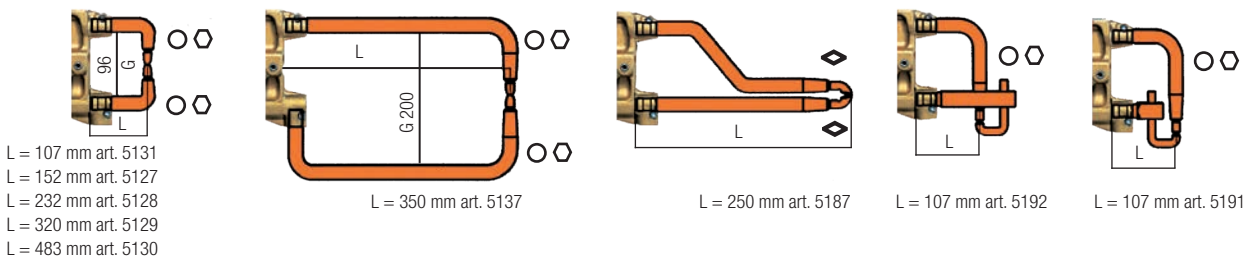
Ø 18 mm - Raffreddati ad aria con boccole art. 32375 | Air-cooled with bushings items 32375 | Refrigeración por aire con casquillos art. 32375



8672/S1 - 8676 Ø 20 mm - Raffreddati ad acqua | Water-cooled | Refrigeración por agua
8677 Ø 20 mm - Raffreddati ad acqua con boccole art. 33405 | Water-cooled with bushings items 33405 | Refrigeración por agua con casquillos art. 33405



Ø 22 mm - Raffreddati ad acqua | Water-cooled | Refrigeración por agua



8672/S1 - 8672/S2 - MAX 6 bar

8672/S1 | 8676 | 8677 - MAX 6 bar

8677 - MAX 8 bar

TECNA®

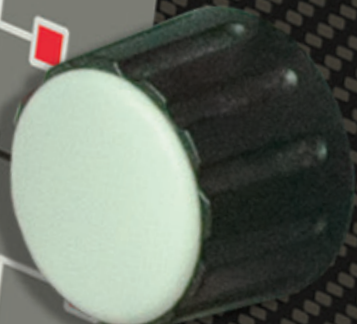
8.8

3465



WELD TIME
TEMPO

CURRENT
CORRENTE



4000000059

MADE IN ITALY

SPOTTER

3465

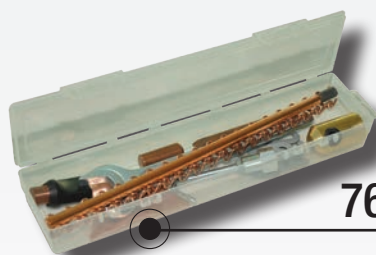


Maximum welding power
1800 A



7696

7638



7633

3465K



7633



DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS

3465

Tensione di rete
Supply voltage / Tensión de red

*230 VAC~50 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

8 A

Potenza nominale 50% ED
Nominal Power 50% ED / Potencia nominal al 50% ED

2,0 kVA

Potenza massima di saldatura
Maximum welding power / La potencia máxima de soldadura

12 kVA

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

1800 A

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

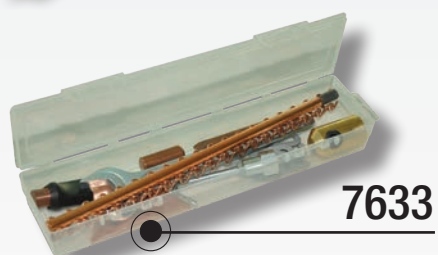
8 V

Peso
Weight / Peso

16 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

3465D



3465DK





7633



DATI TECNICI **TECHNICAL FEATURES** **DATOS TÉCNICOS**

3465D

Tensione di rete
Supply voltage / Tensión de red

*230 VAC~50 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

8 A

Potenza nominale 50% ED
Nominal Power 50% ED / Potencia nominal al 50% ED

2,0 kVA

Potenza massima di saldatura
Maximum welding power / La potencia máxima de soldadura

12 kVA

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

1800 A

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

8 V

Peso
Weight / Peso

16 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

3541

T-SPOT 120
8078



8069



7696

3697



FORCE
80
daN(max)

A RICHIESTA - ON DEMAND
A SOLICITUD

Maximum welding power

2600 A

Maximum welding power

4500 A



7634



7638



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

3541

Tensione di rete
Supply voltage / Tensión de red

*400 VAC~50 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

16 A

Potenza nominale 50% ED
Nominal Power 50% ED / Potencia nominal al 50% ED

5,0 kVA

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

2600 A
(8078)

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

8,3 V
(8078)

Corrente secondaria massima
Maximum secondary current / Corriente secundaria máxima

4500 A
(3697)

Tensione a vuoto secondaria
No load secondary voltage / Voltaje de circuito abierto secundaria

5,6 V
(3697)

Peso
Weight / Peso

28 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

Maximum welding power

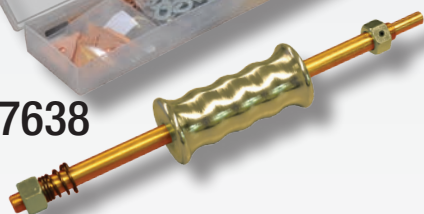
2250 A



7634



7638



3540

T-SPOT **110**

8068



8069



7696

**DATI TECNICI
TECHNICAL FEATURES
DATOS TÉCNICOS**

	3540
Tensione di rete Supply voltage / Tensión de red	*230 VAC~50 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	16 A
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal al 50% ED	2,5 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxima	2250 A
Tensione a vuoto secondaria No load secondary voltage / Voltaje de circuito abierto secundaria	8,8 V
Peso Weight / Peso	18 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

3460N



8058
8059
PISTOLA MULTIFUNZIONE
MULTIFUNCTION GUN
PISTOLA MULTIFUNCION

A RICHIESTA - ON DEMAND
A SOLICITUD



Maximum welding power
4500 A



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

	3460N
Tensione di rete Supply voltage / Tensión de red	*400 VAC~50 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	16 A
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal al 50% ED	5,0 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	20 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxima	4500 A
Tensione a vuoto secondaria No load secondary voltage / Voltaje de circuito abierto secundaria	5,6 V
Corrente termica 100% Thermal current 100% / Corriente térmica del 100 %	0,63 kA
Tempo di saldatura Weld time / Tiempo de soldadura	1 ÷ 99 cicli cycles / ciclos
Peso Weight / Peso	28 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

Maximum welding power
2500 A

7600 - 7660

SPOTTER 7630KI SPOTTER 7690K

SPOTTER 7630CA | SPOTTER 7690CA

SPOTTER 7630PL | SPOTTER 7690PL

71276



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

	7600	7660
Tensione di rete Supply voltage / Tensión de red	230 VAC~50/60 Hz	230 VAC~50/60 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	16 A	16 A
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal al 50% ED	0,8 kVA	0,8 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	6 kVA	6 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxima	2250 A	2250 A
Tensione a vuoto secondaria No load secondary voltage / Voltaje de circuito abierto secundaria	3 V	3 V
Tempo di saldatura Weld time / Tiempo de soldadura	--	1 ÷ 65 cicli cycles / ciclos
Peso Weight / Peso	6 kg	6 kg

3544



UNITÀ DI CONTROLLO
CONTROL UNIT
UNIDAD DE CONTROL



Maximum power
200 A



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

	3544
Tensione di rete Supply Voltage / Tensión de red	230 VAC~50/60 Hz
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	16 A
Potenza assorbita Absorbed power / Potencia absorbido	200 A
Corrente nominale Nominal current / Corriente nominal	50-200 A
Peso Weight / Peso	5,35 kg

STD



TSW1000CAR

88188



88002



88187



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

Maximum welding power
33 mF



72443



DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

Tensione di rete
Supply Voltage / Tensión de red

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

Potenza nominale
Nominal power / Potencia nominal

Corrente nominale
Nominal current / Corriente nominal

Capacità
Capacity / Capacidad

Numero programmi
Welding programs / Programas de soldadura

Peso
Weight / Peso

TSW1000CAR

230 VAC~50/60 Hz

10 A

1000 VA

5 A

33 mf

4

12,6 kg

TSW1500CAR

Maximum welding power

66 mF



72443



88188



88002



88187



(A RICHIESTA)
(ON DEMAND)
(A SOLICITUD)

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS

Tensione di rete
Supply Voltage / Tensión de red

230 VAC~50/60 Hz

Protezione di rete (ritardati)
Mains protection (delayed) / Protección principal (retardados)

10 A

Potenza nominale
Nominal power / Potencia nominal

1000 VA

Corrente nominale
Nominal current / Corriente nominal

5 A

Capacità
Capacity / Capacidad

66 mf

Numero programmi
Welding programs / Programas de soldadura

4

Peso
Weight / Peso

14 kg

WORKSTATION

STEEL



3472



3472-H



Fornito in kit di montaggio
Supplied in a kit to be assembled.
Suministrado en el kit de montaje.



A



B

3465
3465K

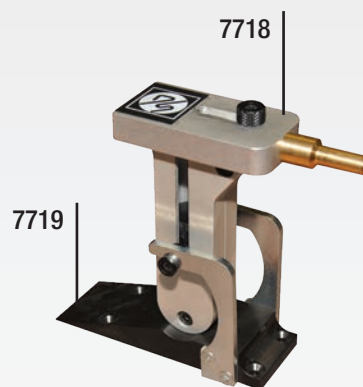
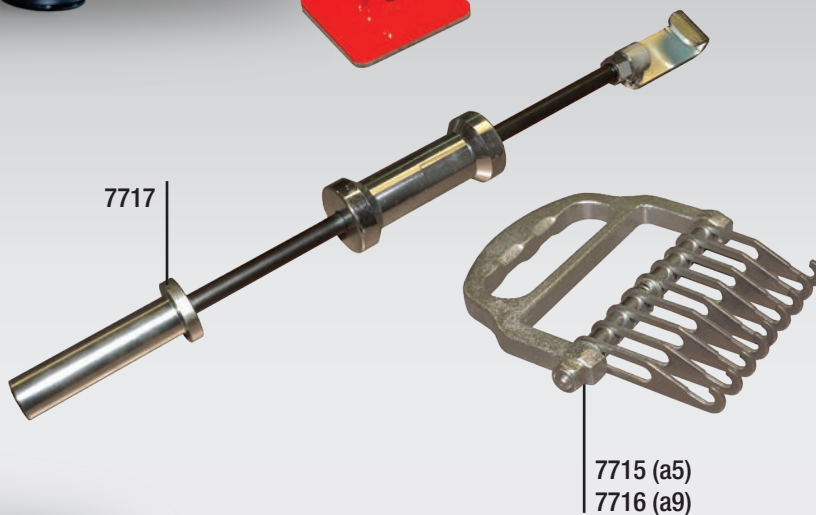
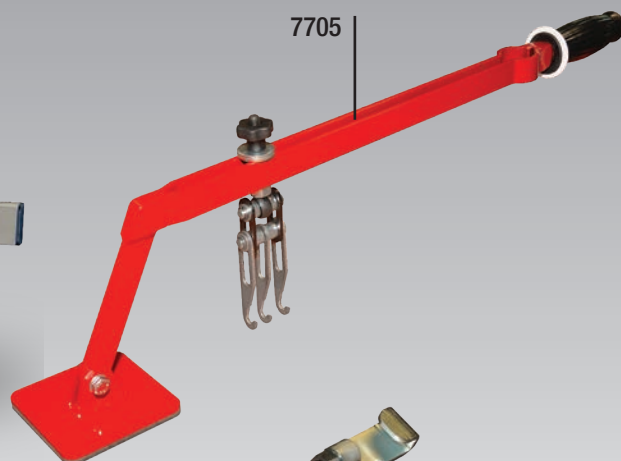
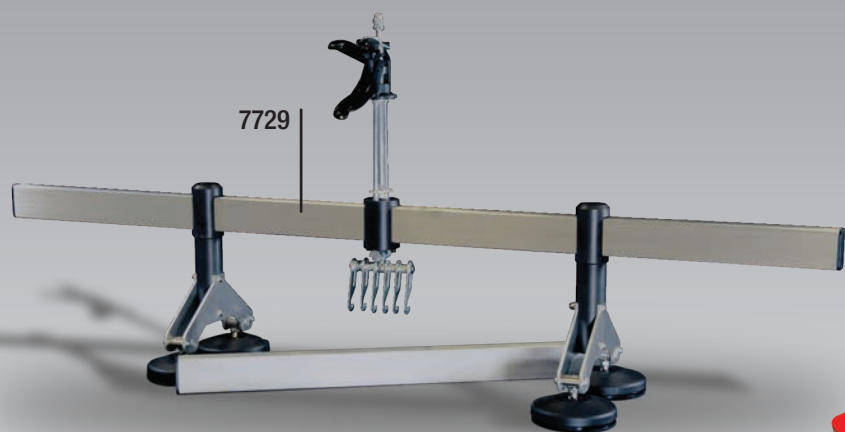


3465D
3465DK



WORKSTATION

SPOTTER



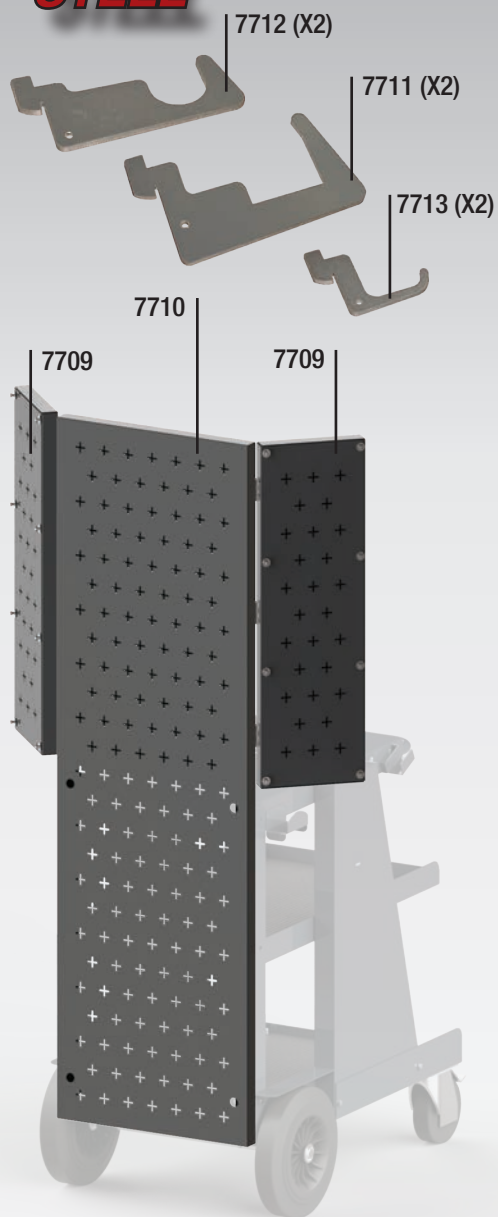
3540



SPOTTER

WORKSTATION

STEEL



WORKSTATION

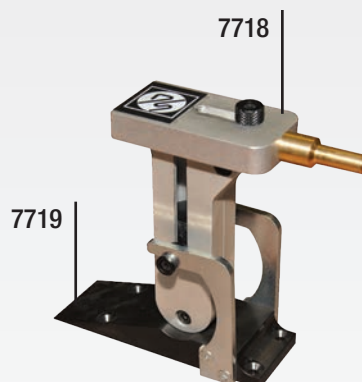
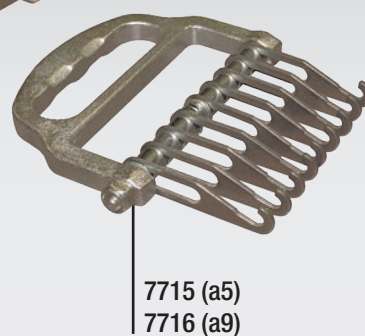
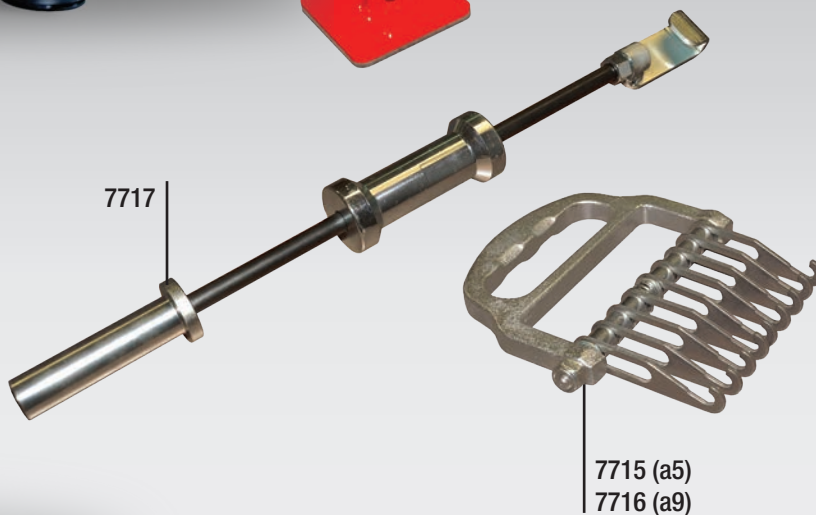
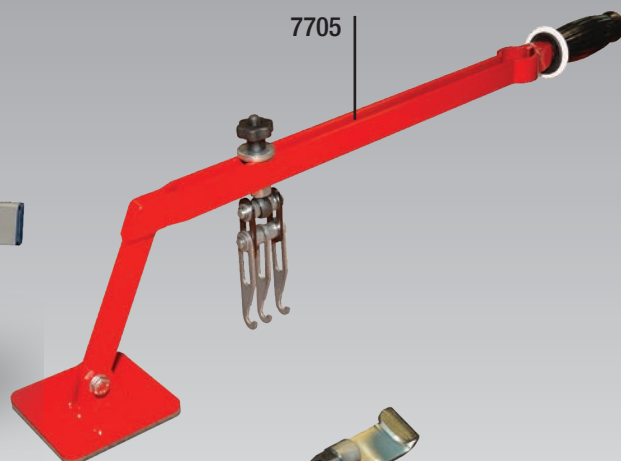
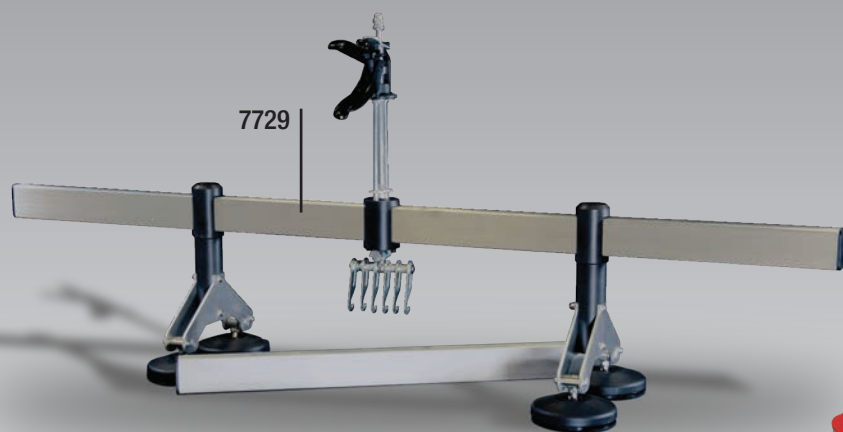
SPOTTER

3465
3465K



3465D
3465DK





3540



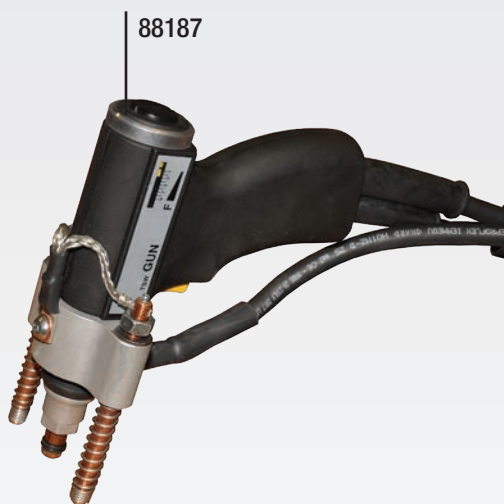
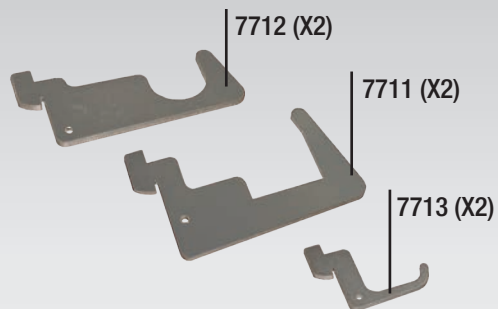
3541



SPOTTER

WORKSTATION

ALUMINIUM



WORKSTATION

ALUMINIUM

SPOTTER

TSW1000CAR/G



TSW1500CAR/G



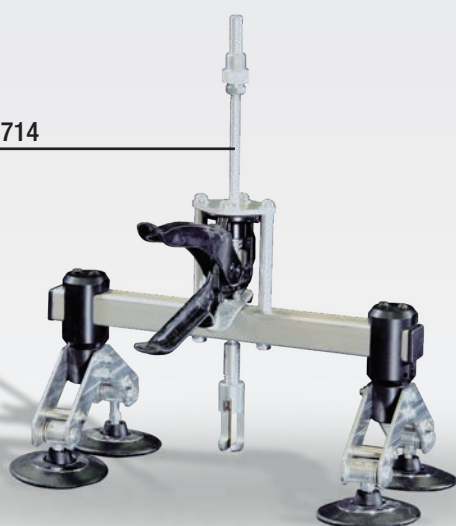
7729



72443



7714



7728



3544



**ALUMINIUM
SPOTTER**

TROLLEY

3472



3472-H



Fornito in kit di montaggio
Supplied in a kit to be assembled.
Suministrado en el kit de montaje.

A



B



3465
3465K



3465D
3465DK



3540
3541





3461N



3461T

Fornito in kit di montaggio
Supplied in a kit to be assembled.
Suministrado en el kit de montaje.

	3461N	3461T	3472	3472-H
3465		•	•	•
3465K		•	•	•
3465D		•	•	•
3465DK		•	•	•
3540		•	•	•
3541		•		
3460N	•			
3544		•	•	•
TSW1000CAR		•	•	•
TSW1500CAR		•	•	•

3460N



3544



TSW1000CAR/G
TSW1500CAR/G



SPOTTER

TECNA[®]

Resistance Welding Systems & Balancers

www.tecna.net

Spot welding solutions

3465K
SPOTTER



3680

"completamente automatica"



3664P7

"completamente automatica"



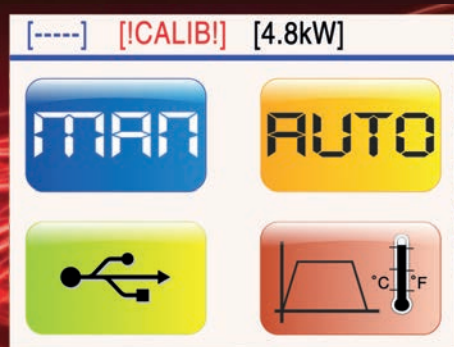
3546
INFRARED HEATER

I prodotti TECNA hanno ricevuto l'omologazione di diverse prestigiose case automobilistiche leader nel mondo



HEATERS

3546



INFRARED HEATER

L'utilizzo della radiazione infrarossa permette, a differenza di un riscaldatore ad induzione, di operare su qualsiasi tipo di materiale:

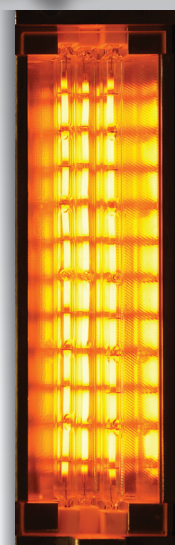
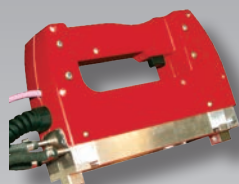
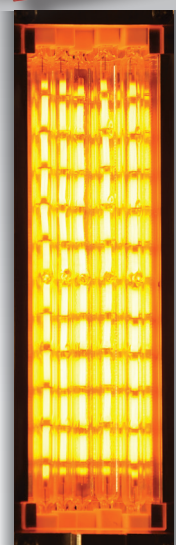
Unlike induction heating, the use of infrared radiation allows operating on any type of material:

La utilización de la radiación infrarroja permite también, al contrario de lo que ocurre con la radiación a inducción, actuar sobre cualquier tipo de material:

FERRO
ALLUMINIO
CARBONIO
POLIMERI

STEEL
ALUMINIUM
CARBON
PLASTIC

ACERO
ALUMINIO
CARBONIO
POLÍMEROS

88612**4.8 kW****88613****8.0 kW****88614****1.5 kW****88615****2.5 kW****8680/IR/01**

Calibratore di Temperatura
Temperature Calibrator
Calibrador de Temperatura

GENERATORE / POWER BOX / CAJA DE ENERGÍA**3546**

Alimentazione Elettrica / Power Supply / Fuente de Alimentación

230V - 60 Hz - 3 phase
400V - 50 Hz - 3 phase +N

Potenza / Power Output / Salida de Potencia

15 kW

Sistema di Raffreddamento / Cooling System / Sistema de Refrigeración

Aria / Air / Aire

Display touch screen a colori / Color touch screen display / Pantalla táctil en color

TE70

Registrazione / Adjustment / Ajuste

Potenza, Riscaldamento Temperatura /
Power, Temperature Heating /
Potencia, Calentamiento Temperatura

Calibratore di Temperatura / Temperature Calibrator / Calibrador de Temperatura

8680/IR/01**LAMPADA / LAMP / LÁMPARA****88614****88615****88612****88613**

Energia / Power / Potencia

1.5 kW**2.5 kW****4.8 kW****8.0 kW**

Vita della lampada / Lamp lifetime / Vida de la lámpara

5000 h

Sistema di Raffreddamento / Cooling System / Sistema de Refrigeración

Aria e Acqua / Air and Water / Aire y Agua

Controllo della temperatura / Temperature control / Control de temperatura

Pirometro / Pyrometer / Pirómetro

TECNA[®]

Resistance Welding Systems & Balancers

www.tecna.net

Spot welding solutions



3680
"completamente automatica"



3465K
SPOTTER



3546
INFRARED HEATER



3664P7
"completamente automatica"

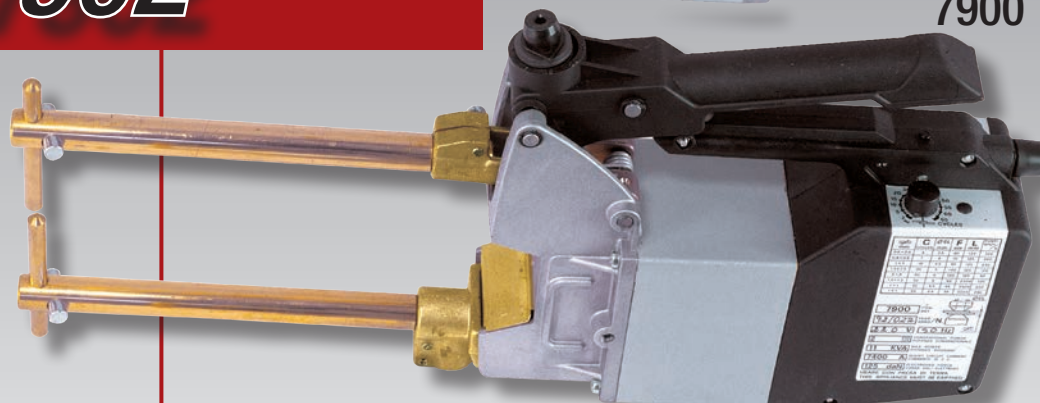
I prodotti TECNA hanno ricevuto l'omologazione di diverse prestigiose case automobilistiche leader nel mondo



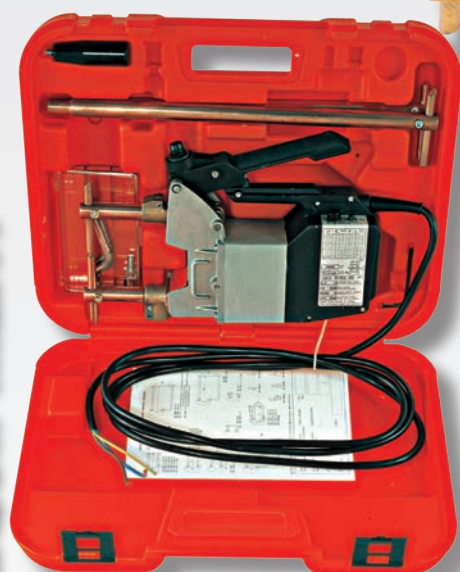
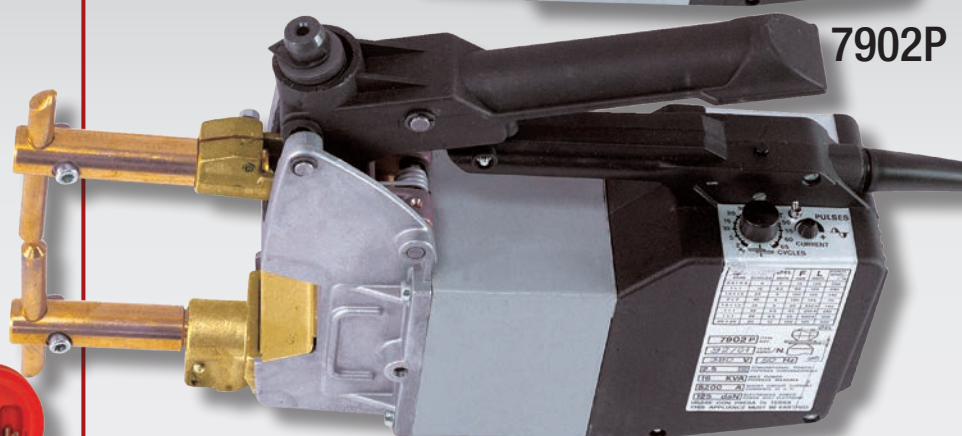
COMPLEMENTARY EQUIPMENT

7900÷7902

7900



7902P



7900K / 7902K Valigia in plastica "K" e accessori (A RICHIESTA)
 7900K / 7902K "K" Plastic case and accessories (ON DEMAND)
 7900K / 7902K Maleta en plastico "K" e accesorios (A SOLICITUD)

DATI TECNICI TECHNICAL FEATURES DATOS TÉCNICOS	7900	7902	7902P
Tensione di rete Supply voltage / Tensión de red	*400 VAC~50 Hz		
Protezione di rete (ritardati) Mains protection (delayed) / Protección principal (retardados)	16 A		
Potenza nominale 50% ED Nominal Power 50% ED / Potencia nominal 50% ED	2 kVA	2,5 kVA	2,5 kVA
Potenza massima di saldatura Maximum welding power / Potencia máxima de soldadura	13 kVA	16 kVA	16 kVA
Corrente secondaria massima Maximum secondary current / Corriente secundaria máxim	5,75 kA	6,55 kA	6,55 kA
Tensione a vuoto secondaria No load secondary voltage / Tensión de vacio secundaria	2,3 V	2,5 V	2,5 V
Peso Weight / Peso	10,5 kg	11 kg	11 kg

* Altre tensioni e frequenze a richiesta - * Different voltages and frequencies on demand - * Otras tensiones y frecuencias, bajo pedido

TE1600/RS232



STRUMENTO DI MISURA E CONTROLLO

Il "WELD TESTER" TE1600/RS232 è uno strumento portatile appositamente studiato per le misurazioni dei parametri della saldatura a resistenza. Lo strumento può essere collegato ad un PC, utilizzando la porta RS232, tramite un cavo seriale DB9 femmina per visualizzare e memorizzare i dati misurati. Il TE1600/RS232 trasmette i dati rilevati al PC dopo ogni misura effettuata senza necessità di premere alcun tasto. Utilizzando sonde di tipo diverso, lo stesso strumento consente di misurare sia la corrente di saldatura che la forza agli elettrodi. La potenza del microprocessore a 32 bit e la precisione del convertitore A/D da 12 bit lo rendono uno strumento dalle elevate prestazioni.

TEST AND MEASUREMENT INSTRUMENT

The TE1600/RS232 "WELD TESTER" is a portable instrument purposely designed for measuring the parameters of resistance welding. By using the RS232 port and by means of a female DB9 serial cable, the measurement instrument may be connected to a PC for displaying and recording the measured data. Our TE1600/RS232 transfers the data acknowledged by the PC after each measurement automatically, without needing to press any button. By using probes of different kind, the same instrument enables to measure both the welding current and the force at the electrodes. The power of the 32-bit microprocessor and the accuracy of the 12-bit A/D converter make the instrument a highly performing one.

INSTRUMENTO DE MEDICIÓN Y CONTROL

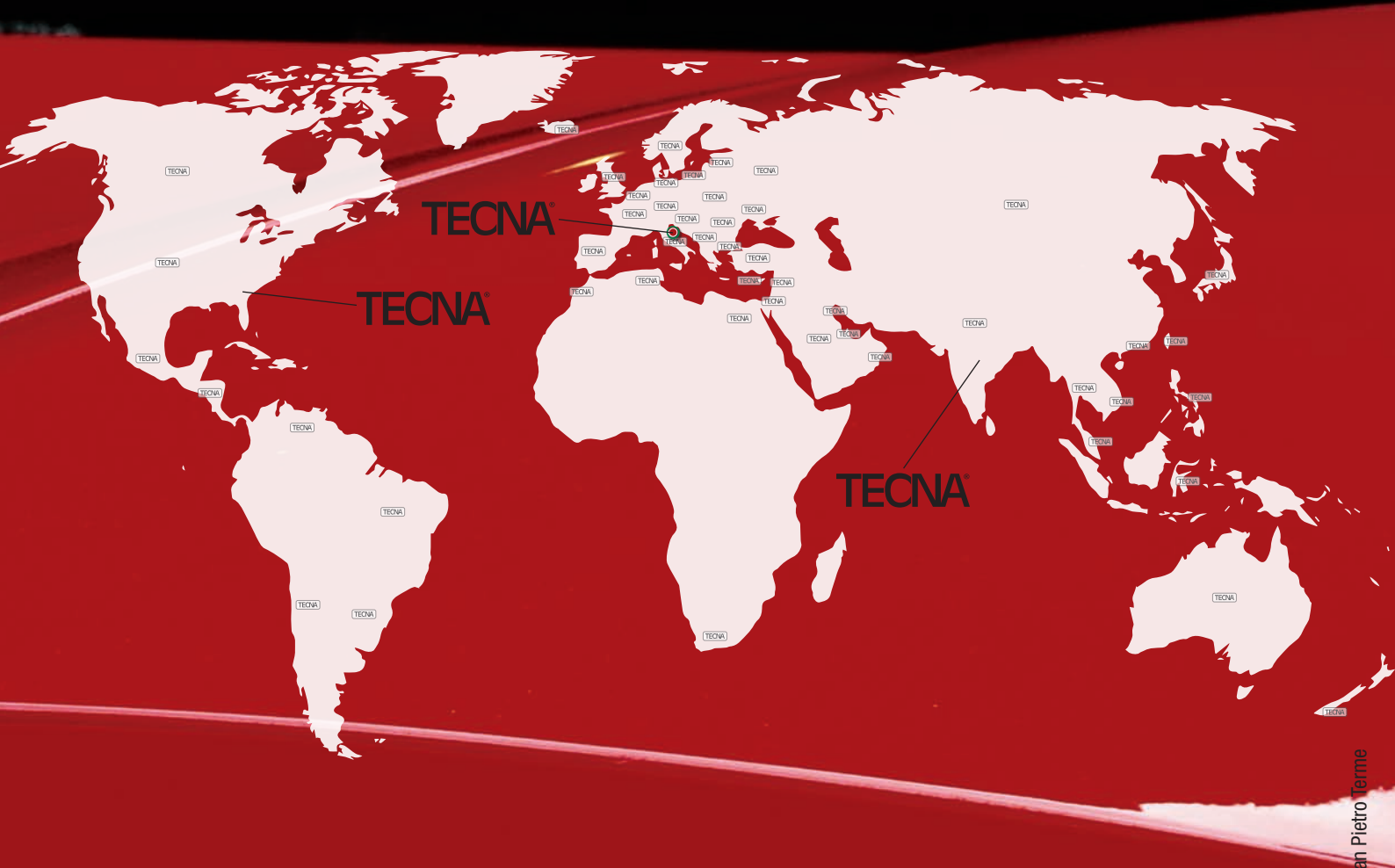
El "WELD TESTER" TE1600/RS232 es un instrumento de medición portátil específicamente diseñado para las mediciones de los parámetros de soldadura por resistencia. El instrumento puede ser conectado a un PC, con acceso al puerto RS232, mediante un cable serial DB9 hembra que permite visualizar y guardar los datos medidos. El TE1600/RS232 transmite los datos detectados por el PC después de cada medición sin necesidad de presionar ningún botón. Utilizando diferentes sondas, el mismo instrumento permite realizar mediciones de la corriente de soldadura y a su vez de la fuerza a los electrodos. Debido a la potencia del microprocesador de 32 bit y la precisión del convertidor A/D de 12 bit, resulta ser un equipo con elevada prestaciones.

ART. / ITEM		DESCRIZIONE / DESCRIPTION / DESCRIPCIÓN
	1631	Trasduttore di corrente rigido Ø min 32-36 max mm con cavo L=2 m max - Rigid current transducer coil Ø min 32-36 max mm with cable L=2 m max Transductor de corriente rigido Ø min 32-36 max mm con cable L=2 m max
	1632	Trasduttore di corrente rigido Ø min 40-45-46 max mm con cavo L=2 m max - Rigid current transducer coil Ø min 40-45-46 max mm with cable L=2 m max Transductor de corriente rigido Ø min 40-45-46 max mm con cable L=2 m max
	1633	Trasduttore di corrente rigido Ø max 80 mm con cavo L=2 m max - Rigid current transducer coil Ø max 80 mm with cable L=2 m max Transductor de corriente rigido Ø max 80 mm con cable L=2 m max
	1635	Trasduttore flessibile Ø 160 mm con cavo L=2 m max - Flexible transducer Ø 160 mm with cable L=2 m max Transductor flexible Ø 160 mm con cable L=2 m max
	1636	Trasduttore flessibile Ø 270 mm con cavo L=2 m max - Flexible transducer Ø 270 mm with cable L=2 m max Transductor flexible Ø 270 mm con cable L=2 m max
	1637	Trasduttore flessibile Ø 270 mm con cavo L=2 m max, sensibilità x0,2 - Flexible transducer Ø 270 mm with cable L=2 m max, sensitivity x0,2 Sensibilitat x0,2 - Transductor flexible Ø 270 mm con cable L=2 m max, sensibilidad x0,2
	1661	Cella di carico da 200 daN 440 lb con cavo L=2 m, - Force transducer 200 daN 440 lb with cable L=2 m, Celda de carga de 200 daN 440 lb con cable L=2 m
	1662	Cella di carico da 2.000 daN 4.400 lb con cavo L=2 m - Force transducer 2.000 daN 4.400 lb with cable L=2 m Celda de carga de 2.000 daN 4.400 lb con cable L=2 m
	1673	Cella di carico ad ingombro ridotto da 200 daN 440 lb con cavo L=2 m - Force transducer with reduced overall dimensions 200 daN 440 lb with cable L=2 m Celda de carga de tamaño reducido de 200 daN 440 lb con cable L=2 m
	1675	Cella di carico ad ingombro ridotto da 1.200 daN 2.640 lb con cavo L=2 m - Force transducer with reduced overall dimensions 1.200 daN 2.640 lb with cable L=2 m Celda de carga de tamaño reducido de 1.200 daN 2.640 lb con cable L=2 m
	1663	Cella di carico da 10.000 daN 22.000 lb con cavo L=2 m - Force transducer 10.000 daN 22.000 lb with cable L=2 m Celda de carga de 10.000 daN 22.000 lb con cable L=2 m

note

note

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