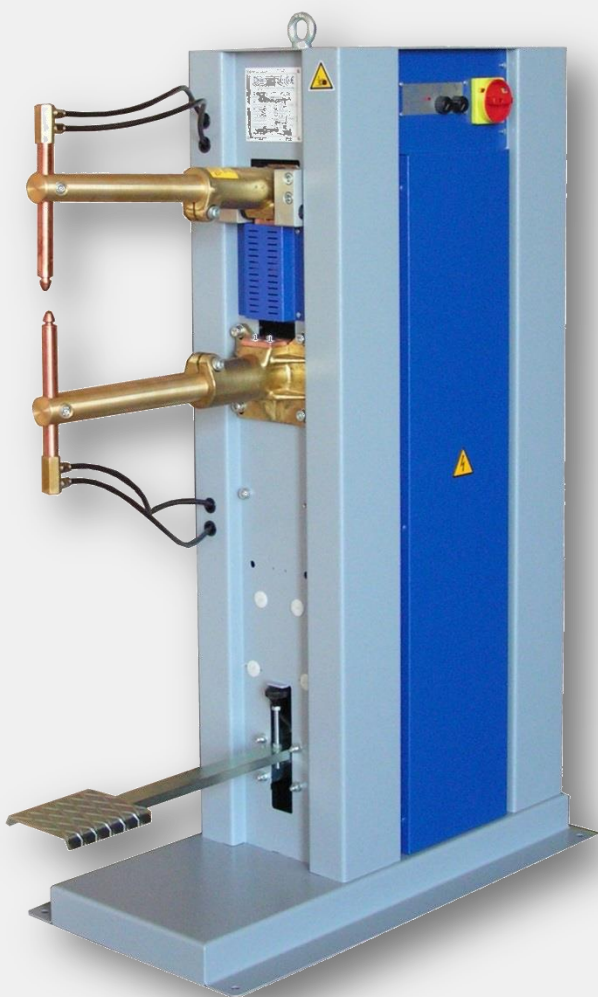
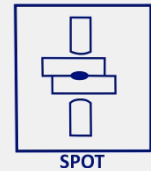
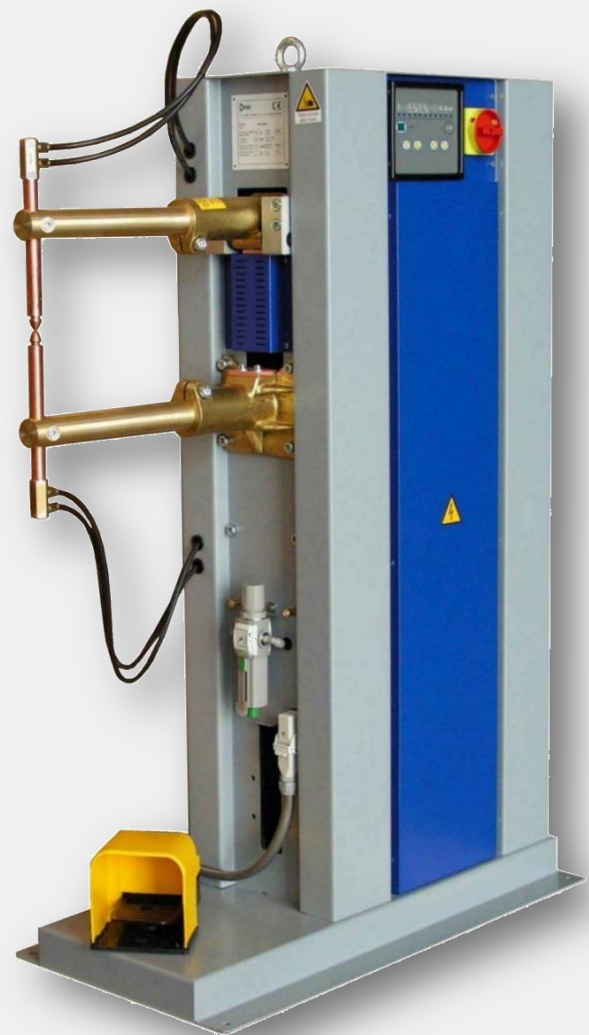


**PUNTATRICI A BRACCIO OSCILLANTE**  
**ROCKER ARM SPOT WELDERS**  
**SCHWEISSMASCHINEN IN SCHWINGHEBELAUSFÜHRUNG**



**BSM**



**BSP**



- Robusta struttura meccanica;
- Portaelettrodi ed elettrodi raffreddati ad acqua;
- Bracci regolabili in profondità;
- Controllo sincrono a SCR;
- Termostati di sicurezza;
- BSM azionamento a pedale meccanico;
- BSP azionamento elettropneumatico.
- Rugged steel frame;
- Water-cooled electrode-holders and electrodes;
- Arms adjustable for depth;
- Synchronous welding control with SCR;
- Safety thermostats;
- BSM foot pedal operated;
- BSP electropneumatic control.
- Starke mechanische Struktur;
- Elektrodenr ager und Elektroden wassergek hlt;
- Arme verstellbar f r Tiefe;
- SCR-Synchronsteuerung;
- Sicherheitsthermostate;
- BSM Pedalsteuerung;
- BSP Elektropneumatische Steuerung

## BSM-BSP series



### S1

Controllo di saldatura. Regolazione con potenziometri.  
Welding control. Adjustment by potentiometers.  
Schwei steuerung. Regelung von Potentiometer.

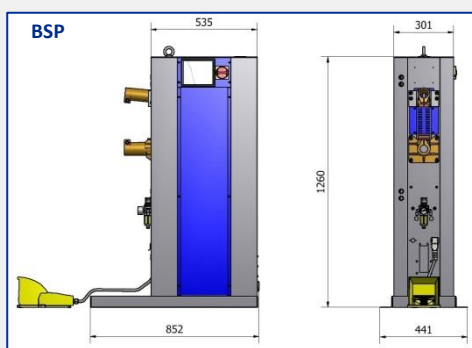
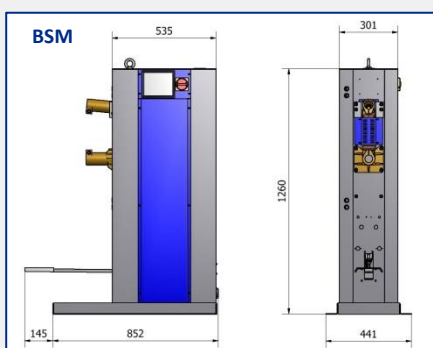
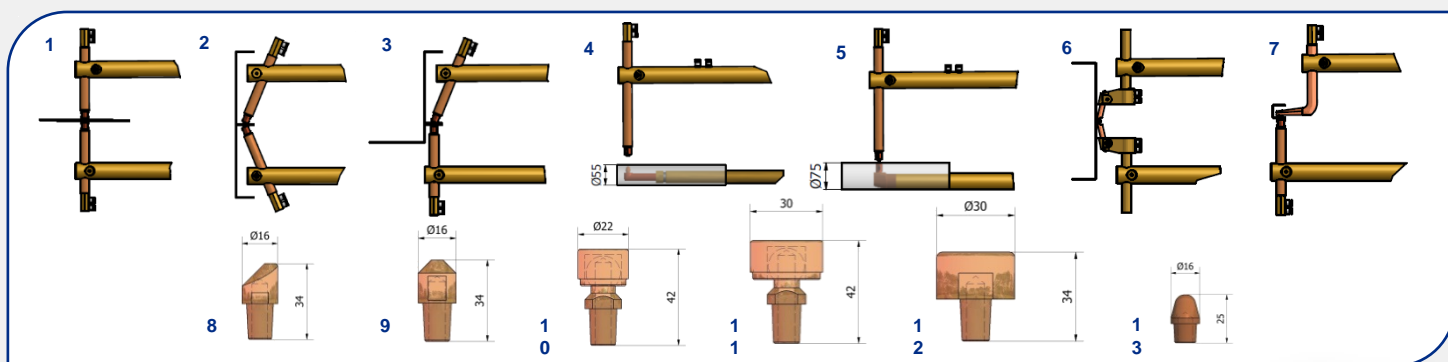


### PX1700

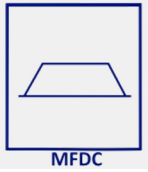
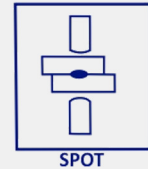
Controllo di saldatura digitale.  
Digital welding control.  
Digital Schwei steuerung.

CARATTERISTICHE TECNICHE	TECHNICAL DATA	TECHNISCHE DATEN		BSP 216 RF	BSP 221 RF	BSP 226 RF	BSP 236 RF
Potenza nominale al 50%	Nominal power @ 50% duty cycle	Nennleistung 50% ed	kVA	15	20	25	35
Corrente di corto circuito	Maximum short circuit current	Max K�rzschlusstrom	kA	8,9	11,5	13,6	15
Corrente massima di saldatura	Maximum welding current	Max Schweisstrom	kA	7,1	9,2	10,9	12
Forza agli elettrodi 6 bar	Electrodes force 6 bar	Elektrodenhub 6 bar	daN	BSM = 180 BSP = 200	BSM = 180 BSP = 200	BSM = 180 BSP = 200	200
Capacit� max saldatura su acciaio dolce	Max welding capacity on mild steel	Max Schwei�leistung auf Stahl	mm	1,5+1,5	2,0+2,0	2,5+2,5	
Tensione di alimentazione (*)	Supply voltage (*)	Primarspannung (*)	V	400	400	400	400
Frequenza (*)	Frequency (*)	Nennfrequenz (*)	Hz	50	50	50	50
Fusibili ritardati	Delayed fuses	Sicherung	A	25	32	45	63
Scartamento e	Throat gap e	Armaabstand e	mm	220	220	220	220
Profondit� utile con bracci non raffreddati l (regolabile)	Throat depth with not cooled arms l (adjustable)	Ausladung mit Armen nicht wassergek�hlt l (Einstellbar)	mm	230-550	230-550	230-550	230-550
Profondit� utile con bracci raffreddati l (regolabile)	Throat depth with cooled arms l (adjustable)	Ausladung mit Armen wassergek�hlt l (Einstellbar)	mm	380-700	380-700	380-700	380-700
Diametro bracci	Arms diameter	Durchemsser Arme	mm	40	40	40	40
Apertura elettrodi	Electrodes stroke	Elektroden Hub	mm	6-50	6-50	6-50	6-50
Peso (con bracci 400mm)	Weight (with 400mm arms)	Gewicht (mit 400mm Armen)	Kg	BSM = 119 BSP = 115	BSM = 127 BSP = 123	BSM = 129 BSP = 125	135

\* Altre tensioni-frequenze a richiesta / Other voltages- Frequency on request / Sonderspannungen oder Nennfrequenz auf anfrage



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PUNTATRICI A BRACCIO OSCILLANTE MEDIA FREQUENZA  
MEDIUM FREQUENCY ROCKER ARM SPOT WELDERS  
MITTELFREQUENZ PUNKTSCHWEISSMASCHINEN



- Robusta struttura meccanica;
- Porta elettrodi ed elettrodi raffreddati ad acqua;
- Bracci regolabili in profondità.
- Rugged steel frame;
- Water-cooled electrode holders and electrodes;
- Arms adjustable for depth.
- Starke mechanische Struktur;
- Elektrodenträger und Elektroden wassergekühlt;
- Arme verstellbar für Tiefe.

## BSP INVERTER

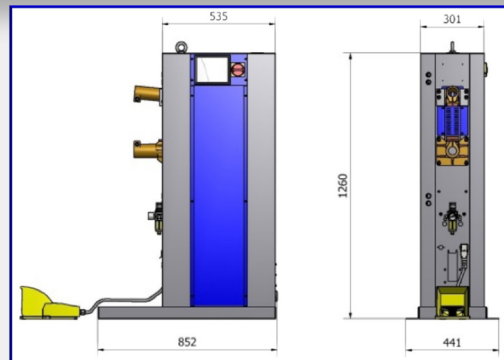
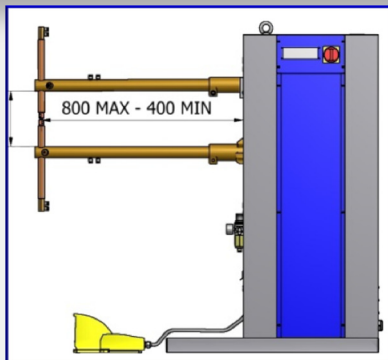
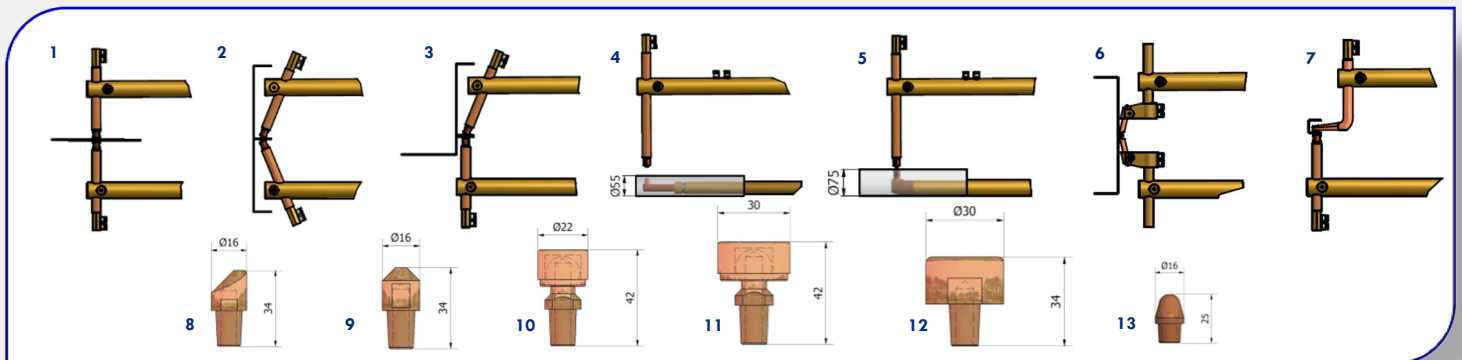


### PY800

Controllo di saldatura display grafico per il comando di generatori inverter media frequenza  
 Welding control with graphic display for the control of medium frequency inverter generators  
 Schweißsteuerung grafische Darstellung für die Steuerung des Inverters Medium Frequenzgeneratoren

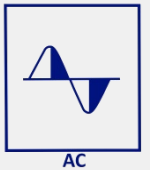
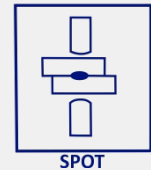
CARATTERISTICHE TECNICHE	TECHNICAL DATA	TECHNISCHE DATEN		BSP 136 INVERTER
Potenza nominale al 50%	Nominal power @ 50% duty cycle	Nennleistung 50% ed	kVA	35
Potenza nominale al 20%	Nominal power @ 20% duty cycle	Nennleistung 20% ed	kVA	55
Corrente di corto circuito	Maximum short circuit current	Max Kurzschlussstrom	kA	20
Forza agli elettrodi 6 bar	Electrodes force 6 bar	Elektrodenhub 6 bar	daN	200
Tensione di alimentazione (*)	Supply voltage (*)	Primarspannung (*)	V	3x400
Frequenza (*)	Frequency (*)	Nennfrequenz (*)	Hz	50/60
Fusibili ritardati	Delayed fuses	Sicherung	A	32
Scartamento e	Throat gap e	Armadstand e	mm	220
Max profondità utile l regolabile	Max useful depth l adjustable	Max Ausladung l Einstellbar	mm	800 (min 400)
Diametro bracci	Arms diameter	Durchemsser Arme	mm	45
Apertura elettrodi	Electrodes stroke	Elektroden Hub	mm	6-50
Peso (con bracci 400mm)	Weight (with 400mm arms)	Gewicht (mit 400mm Armen)	Kg	125

\* Altre tensioni-frequenze a richiesta / Other voltages- Frequency on request / Sonderspannungen oder Nennfrequenz auf anfrage

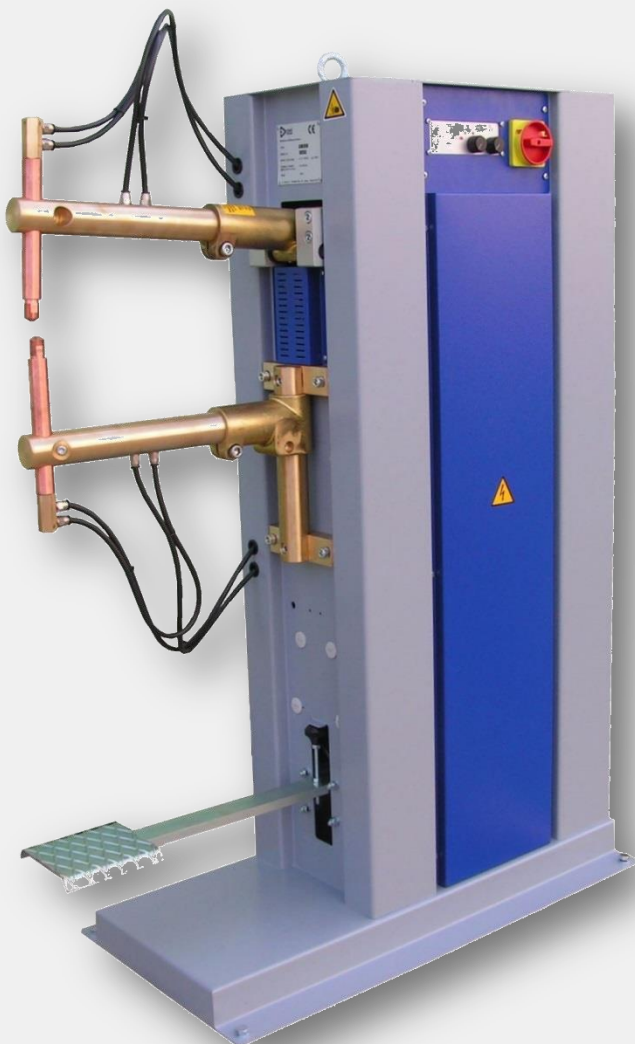


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**PUNTATRICI SU COLONNA A BRACCIO OSCILLANTE**  
**ROCKER ARM SPOT WELDERS**  
**SCHWEISSMASCHINEN IN SCHWINGHEBELAUSFÜHRUNG**



**PB**



**PBP**



- Robusta struttura meccanica;
- Portaelettrodi ed elettrodi raffreddati ad acqua;
- Controllo sincrono a SCR;
- Termostati di sicurezza.
- Rugged steel frame;
- Water-cooled electrode-holders and electrodes;
- Synchronous welding control with SCR;
- Safety thermostats
- Starke mechanische Struktur;
- Elektroenträger und Elektroden wassergekühlt;
- SCR-Synchronsteuerung;
- Sicherheitsthermostate.

## PB-PBP series

### S1



Controllo di saldatura. Regolazione con potenziometri.  
Welding control. Adjustment by potentiometers.  
Schweißsteuerung. Regelung von Potentiometer.

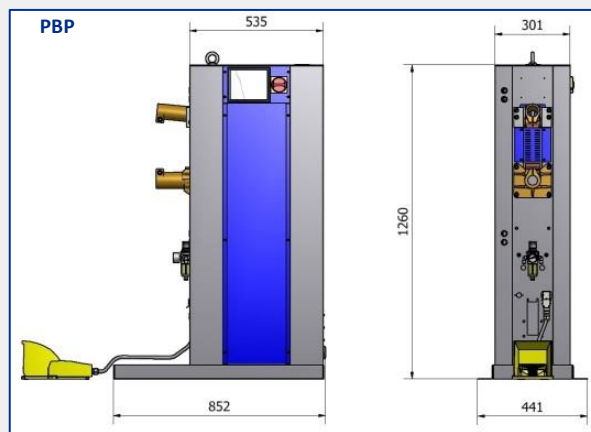
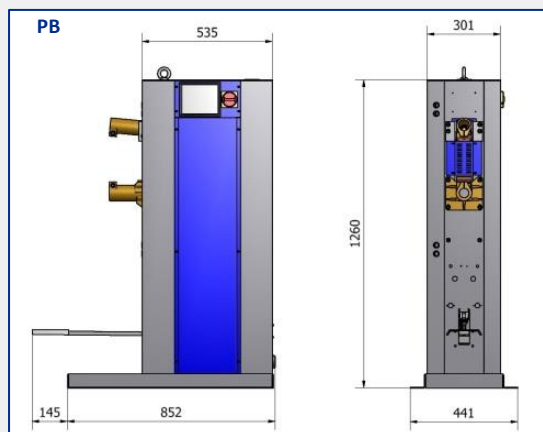
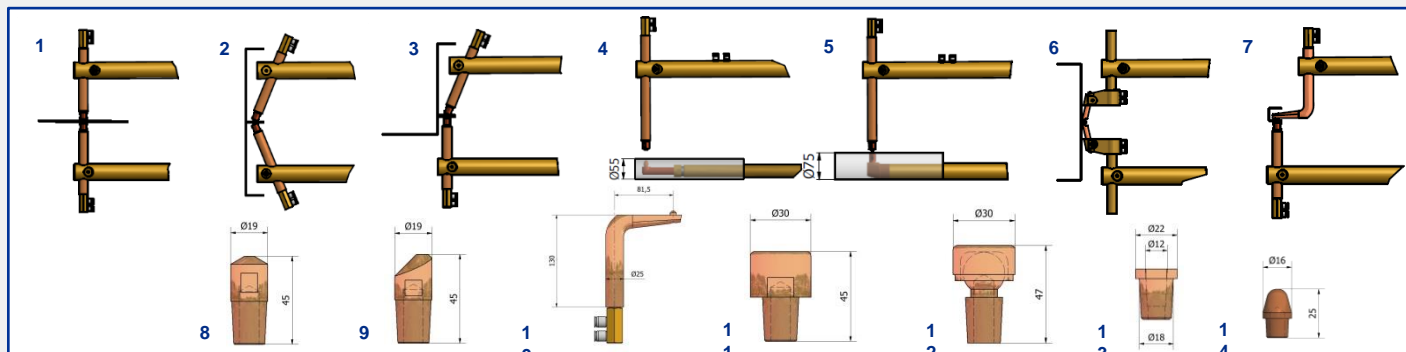


### PX1700

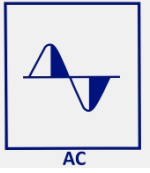
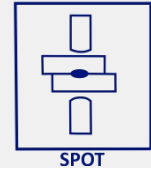
Controllo di saldatura digitale.  
Digital welding control.  
Digital Schweißsteuerung.

CARATTERISTICHE TECNICHE	TECHNICAL DATA	TECHNISCHE DATEN		PB 116 PBP 116	PB 126 PBP 126	PB 136 PBP 136	PBP 151
Potenza nominale al 50%	Nominal power @ 50% duty cycle	Nennleistung 50% ed	kVA	15	25	35	50
Corrente di corto circuito	Maximum short circuit current	Kürzschlussstrom	kA	9,8	12,7	15	17,4
Corrente secondaria di saldatura	Maximum welding current	Schweisstrom	kA	7,8	10,1	12	13,9
Forza agli elettrodi 6 bar	Electrodes force 6 bar	Elektrodenhub 6 bar	daN	PB = 180 PBP = 200	PB = 180 PBP = 200	PB = 180 PBP = 200	PB = 180 PBP = 200
Capacità max saldatura su acciaio dolce con bracci da 400mm	Max welding capacity on mild steel with 400mm arms	Max Schweißleistung auf Stahl mit 400mm armen	mm	2+2	3+3	4+4	5+5
Tensione di alimentazione (*)	Supply voltage (*)	Primarspannung (*)	V	400	400	400	400
Frequenza (*)	Frequency (*)	Nennfrequenz (*)	Hz	50	50	50	50
Fusibili ritardati	Delayed fuses	Sicherung	A	25	45	63	80
Scartamento e (regolabile)	Throat gap e (regolabile)	Armaßstand e (regolabile)	mm	220-350	220-350	220-350	220-350
Profondità utile l (regolabile)	Throat gap l (adjustable)	Ausladung l (Einstellbar)	mm	400-800	400-800	400-800	400-800
Diametro bracci	Arms diameter	Durchmesser Arme	mm	45	45	45	45
Apertura elettrodi	Electrodes stroke	Elektroden Hub	mm	6-50	6-50	6-50	6-50
Peso (con bracci 400mm)	Weight (with 400mm arms)	Gewicht (mit 400mm Armen)	Kg	PB = 124 PBP = 120	PB = 129 PBP = 125	PB = 134 PBP = 130	135

\* Altre tensioni-frequenze a richiesta / Other voltages- Frequency on request / Sonderspannungen oder Nennfrequenz auf anfrage



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**PUNTATRICI A DISCESA RETTILINEA**  
**LINEAR ACTION SPOT WELDERS**  
**PUNKTSCHWEISS-MASCHINEN IN LINEARAUSFÜHRUNG**

PX1700 PRO



- Saldatrice a punti a discesa rettilinea, alimentazione monofase;
- Trasformatore, braccio, portaelettrodo ed elettrodo raffreddati ad acqua;
- Cilindro doppia corsa regolabile (a richiesta);
- Single phase linear action spot welder; Water-cooled transformer, lower arm, electrode holder and electrode;
- Adjustable double stroke cylinder (on request);
- Säulenpunktschweißmaschinen in Linearausführung;
- Transformator, Arme, elektrodenträger und Elektroden wassergekühlt;
- Regelbare Doppelhubzylinder (auf Anfrage)

## PF series



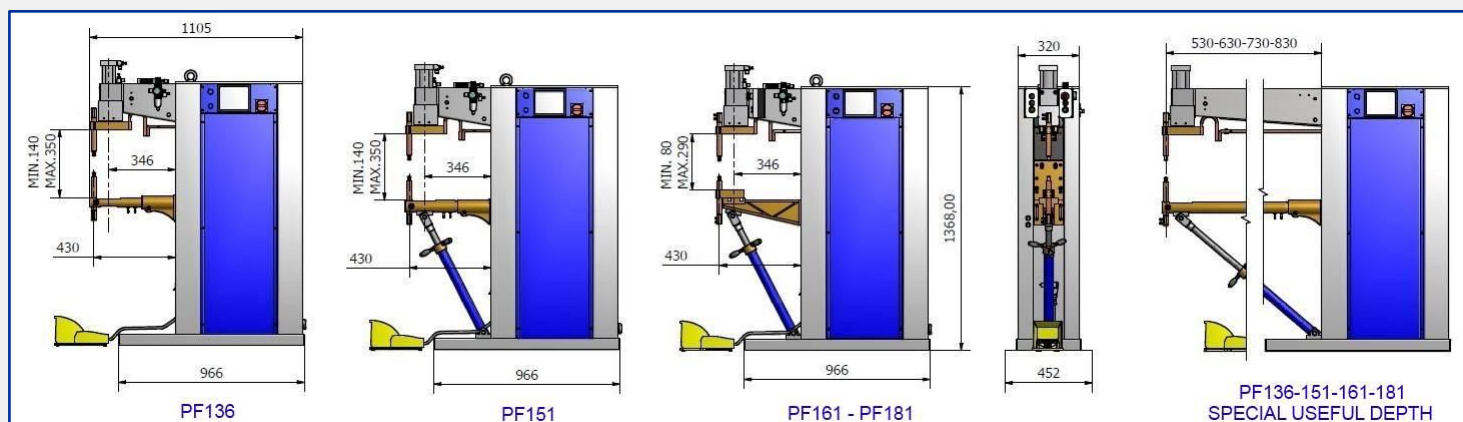
### PX1700

Controllo di saldatura digitale  
Digital welding control  
Digital Schweißsteuerung

CARATTERISTICHE TECNICHE	TECHNICAL DATA	TECHNISCHE DATEN		PF136	PF151	PF161	PF181
Potenza nominale al 50%	Rated power @ 50%	Nennleistung bei 50%	kVA	35	50	60	80
Corrente di corto circuito	Short circuit current	Kurzschlussstrom	kA	19	22	22,7	24
Corrente sec. di saldatura	Max. welding current	Schweisstrom	kA	15,2	17,6	18,4	19,2
Forza agli elettrodi (6 Bar)	Electrode force	Elektrodendruk	daN	180	300	300	525
Corrente secondaria Permanente	Continuous sec. current	Sekundär-Dauerstrom	kA	4,8	6	6,8	8,7
Tensione secondaria	Secondary voltage	Sekundärspannung	V	5,3	6,2	6,4	6,8
Tensione alimentazione	Supply voltage	Primärspannung	V	400*	400*	400*	400
Frequenza nominale	Frequency	Nennfrequenz	Hz	50/60	50/60	50/60	50/60
Fusibili ritardati	Delayed fuses	Sicherung	A	63	90	110	140
Consumo aria	Air consumption	Luftbedarf	l/weld	2.5	4	4	6.2
Consumo acqua	Water consumption	Wasserbedarf	l/min	4	4	4	4
Pressione aria compressa	Compressed air	Luftdruck	bar	6	6	6	6
Scartamento	Throat gap	Armaabstand	mm	140-350	140-350	80-290	80-290
Profondità utile	Throat depth	Ausladung	mm	430**	430**	430**	430**
Diametro Bracci	Arms diameter	Arme Durchmesser	mm	50	60	-	-
Diametro Portaelettrodi	Electrode-holder diameter	Durchmesser Elektroden-Halter	mm	25	25	25	25
Diametro Elettrodi	Electrodes diameter	Elektroden diameter	mm	18	18	18	18
Corsa Elettrodi	Electrodes stroke	Elektroden hub	mm	60	60	60	60
Peso	Weight	Gewicht	Kg	285	300	315	325

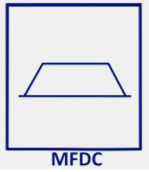
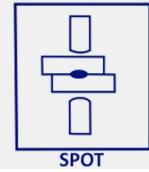
\* Altre tensioni-frequenze a richiesta / Other voltages- Frequency on request / Sonderspannungen oder Nennfrequenz auf anfrage

\*\* Altre profondità su richiesta / different depth on request / andere Tiefe auf Anfrage



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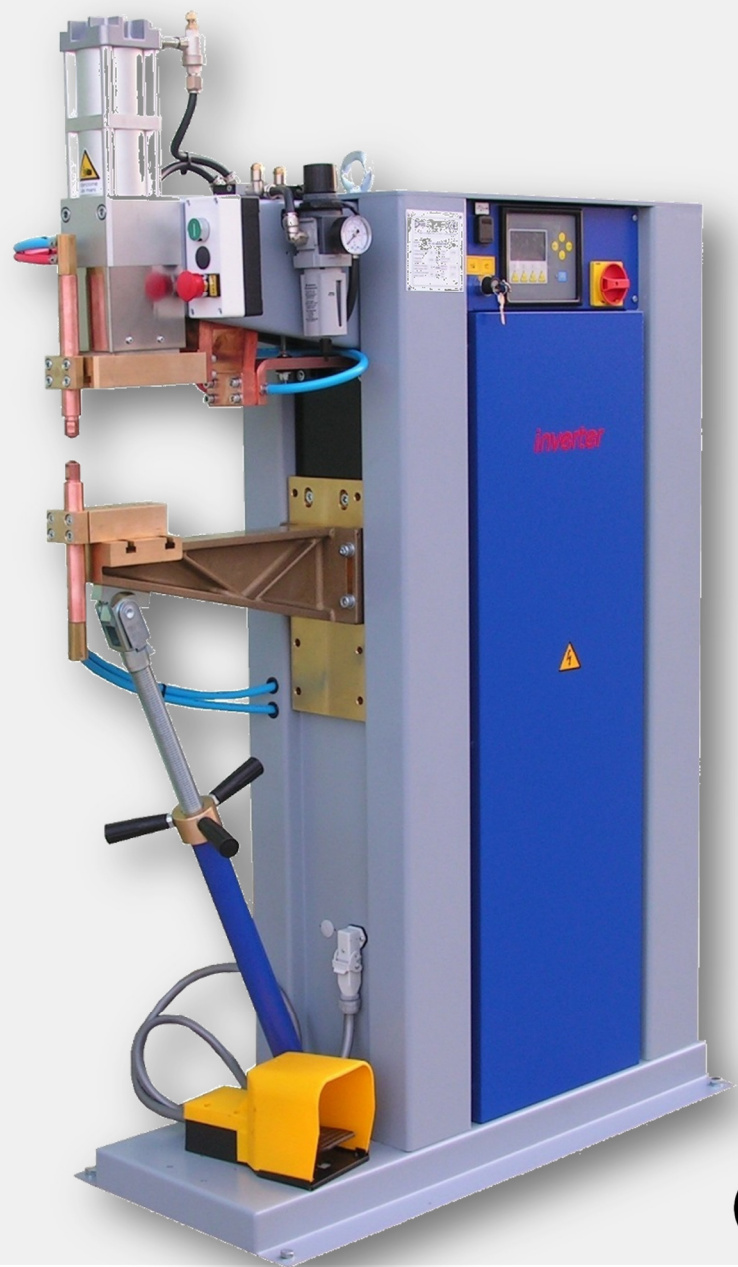




**PUNTATRICI A DISCESA RETTILINEA MEDIA FREQUENZA**  
**MEDIUM FREQUENCY LINEAR ACTION SPOT WELDERS**  
**MITTELFREQUENZ PUNKTSCHWEISS-MASCHINEN IN LINEAR**

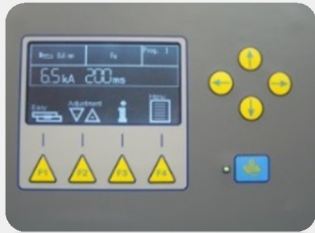


PY800



- Saldatrice a punti a discesa rettilinea, alimentazione trifase;
- Trasformatore, braccio, portaelettrodo ed elettrodo raffreddati ad acqua;
- Cilindro doppia corsa regolabile (a richiesta);
- Three -phase linear action spot welder;
- Water-cooled transformer, lower arm, electrode holder and electrode;
- Adjustable double stroke cylinder (on request);
- Dreiphasige Säulenpunktschweißmaschinen in Linearausführung;
- Transformator, Arme, elektrodenträger und Elektroden wassergekühlt;
- Regelbare Doppelhubzylinder (auf Anfrage).

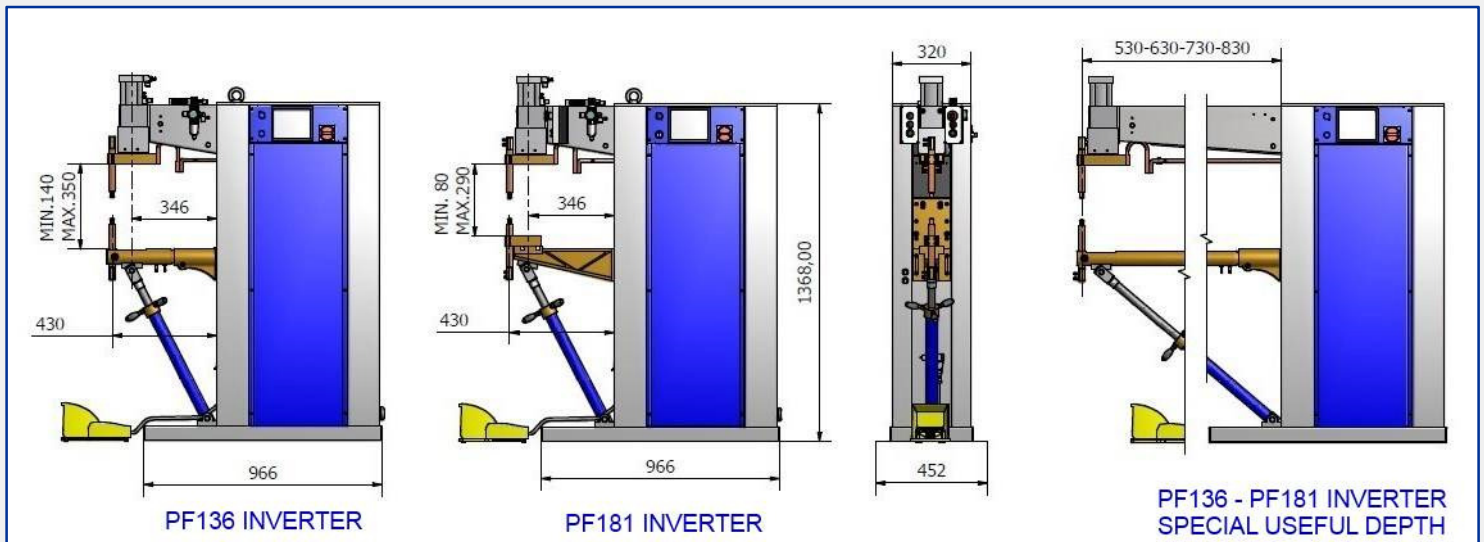
## PF *INVERTER* series



### PY800

Controllo di saldatura display grafico per il comando di generatori inverter media frequenza  
 Welding control with graphic display for the control of medium frequency inverter generators  
 Schweißsteuerung grafische Darstellung für die Steuerung des Inverters Medium Frequenzgeneratoren

CARATTERISTICHE TECNICHE	TECHNICAL DATA	TECHNISCHE DATEN		PF136 INVERTER	PF181 INVERTER
Potenza nominale al 50%	Rated power @ 50% duty cycle	Nennleistung bei 50%	kVA	35	88
Potenza nominale al 20%	Rated power @ 20% duty cycle	Nennleistung bei 20%	kVA	55	140
Corrente secondaria di corto circuito	Short circuit sec. current	Sekundärer Kurzschluss-Strom	kA	17	28
Forza agli elettrodi (6 bar)	Electrodes force (6 bar)	Elektrondekraft (6 bar)	daN	300	525
Tensione di alimentazione trifase	Nominal power supply three-phase	Anschlußspannung 3-phasig	V	400	400
Fusibili ritardati	Delayed fuses	Absicherung (träge)	A	32	63
Consumo aria	Air consumption	Luftbedarf	l/weld	4,0	6,0
Consumo acqua	Water consumption	Wasserbedarf	l/min	9	9
Aria compressa	Compressed air pressure	Luftdruck	bar	6	6
Profondità utile	Useful depth	Ausladung	mm	430	430
Corsa elettrodi	Electrodes stroke	Elektroden Hub	mm	60	60
Peso	Weight	Gewicht	Kg	260	279



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