

SPOT / PROJECTION WELDING MACHINES

PFP 241 *inverter*

MEDIUM FREQUENCY DC

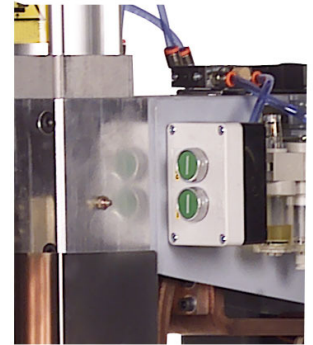
LINEAR ACTION PROJECTION WELDERS

with PY800 Constant Current Control

281 *inverter*



**Optional
high-lift
cylinder**



**Concomitant
safety buttons**

MFDC

Features

- **3 phase power supply**
- **Constant current regulation**
- **Better spot weld appearance**
- **Lower power demand – 50%**
- **Longer electrode life**

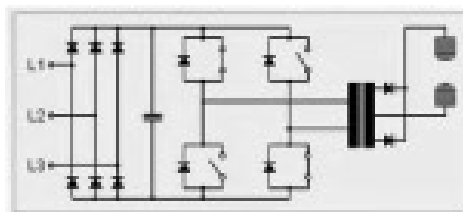
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PFP241 Inverter and PFP281 Inverter

- Medium Frequency DC (MFDC) power sources offer a major advance in performance with much lower primary current demands
- Linear action machines suitable for spot and projection welding, cross wire work with bar holders etc. Ideal for weld nuts up to M12
- Rigid top arm with cylinder acting directly on top platen / electrode holder ensuring linear movement and fast response.
- Lower arm adjustable for height. Upper and lower fitted platens.
- Main transformer, Inverter control, secondary circuit and platens are fully water cooled.
- Machines can be fitted with an adjustable High-Lift cylinder with electric valve operation
- Fitted Concomitant hand push buttons (for safety)
- PY800 Constant Current Control



		PFP241 inverter	PF281 inverter
POWER @ 50% DUTY CYCLE	kVA	88 (140kVA @ 20%)	114 (180kVA @ 20%)
SHORT CIRC.SECONDARY CURRENT	kA	29	36
ELECTRODE FORCE @ 6 BAR	daN	735	1200
SUPPLY 50HZ 3 ph	V	400	400
FUSE RATING (delayed type)	A	90	100
WATER FLOW REQUIRED	L/min	12	12
AIR PRESSURE	bar	6	6
ARM LENGTH standard	mm	270	270
ELECTRODE STROKE	mm	80	80
DIMENSIONS LxWxH	mm	1835H x 520W	x1600L
WEIGHT	kg	750	770