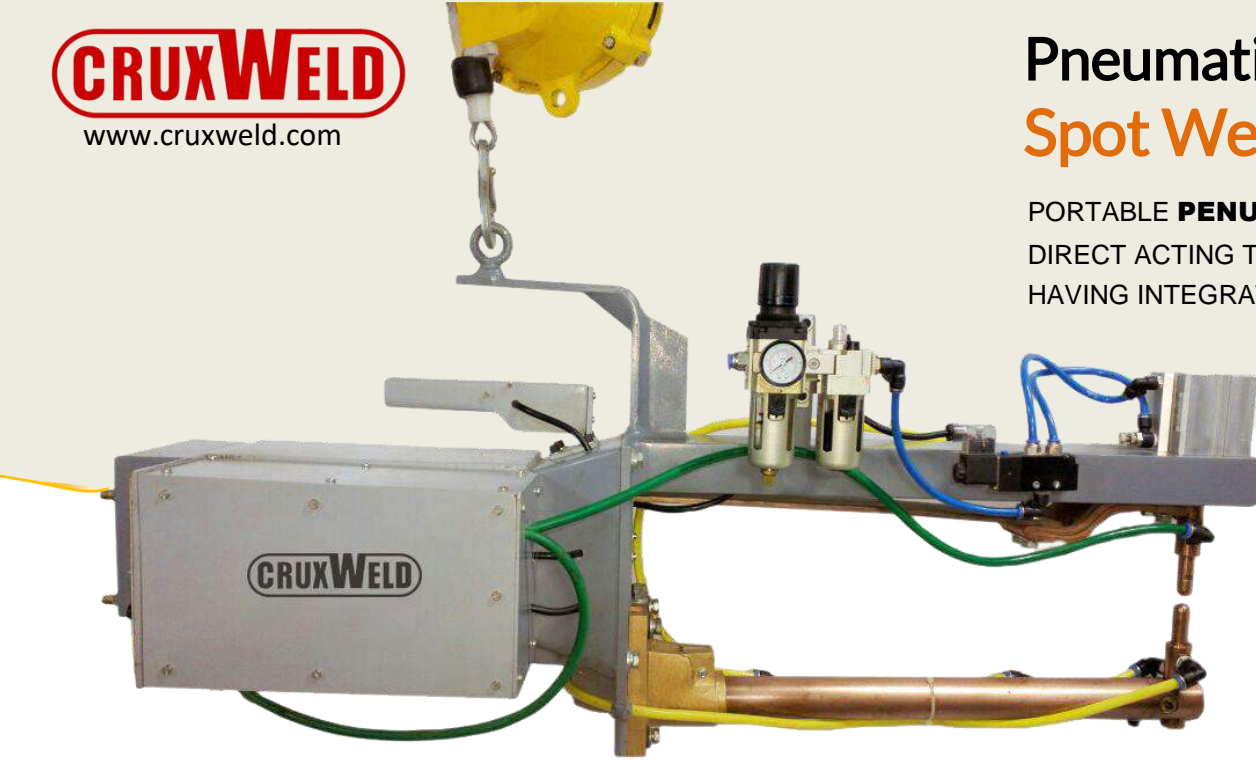


Pneumatic Portable Spot Welding Gun

PORTABLE **PNEUMATIC OPERATED**
DIRECT ACTING TYPE **SPOT WELDER**
HAVING INTEGRATED TRANSFORMER



Salient Features

- Fully pneumatic (“automatic”) portable spot gun.
- Synchronous built-in electronic timer with SCR from 2 to 65 cycles.
- Current control with phase shift adjustment to carry out difficult welds, on very thin thickness, on rods with reduced diameter, on stainless steel sheet and similar.
- Balanced construction for easy operation.
- A built-in differential pressure switch operates the timer when the electrode force is correct.
- Max 2000 spots per hour (33 spots per minute, roughly need to wait 2 seconds between welds to dissipate heat).
- All transformers are coated with F class insulation material. Insulation test performed at 4000 V.
- Additional arm couplings to provide larger opening between arms.

Technical Specification	Unit	CHS-10PG	CHS-15PG	CHS-25PG	CHS-30PG
Rating @ 50% duty cycle	KVA	10	15	25	30
Throat depth	mm	300	300	400	400
Nominal throat clearance	mm	80	100	150	150
Welding range S.S./M.S. (maximum)	2 x mm	1.2	1.6	2	2.5
Welding range S.S./M.S. (minimum)	2 x mm	0.1	0.15	0.2	0.4
Maximum available short circuit current	kA	8	8	11	12
Max. electrode force	lbf	269.8	269.8	269.8	269.8
Arms gap	in (mm)	3.7 (94)	3.7 (94)	3.7 (94)	3.7 (94)
Insulation	Class	F	F	F	F
Cooling for arms and electrodes	Type	Air	Air	Water	Water
Operation	Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Electrode stroke (max.)	mm	25	25	25	25
Supply voltage	Volt AC	415	415	415	415
Phase	No	2	2	2	2
Noise produced	dB(A)	64	64	64	64
Main supply copper cable size	mm ²	12	15	20	25
Main disconnection switch	Amp	25	30	45	70
Delayed action fuse	Amp	25	30	45	70
Water at max. temp. of 300C	Lit/min	3	3	3.5	3.5