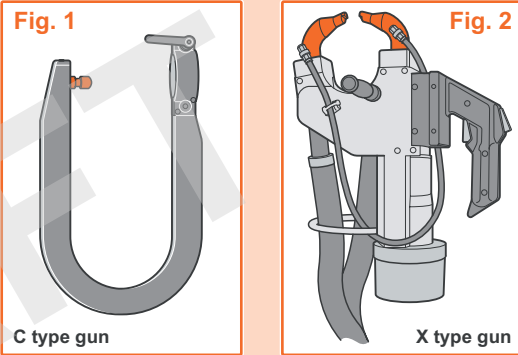


Manufacturer, Model	Phases, volts	Hz	Fuse size, rate	No. of cables x size (mm ²)	Air supply needed (bar)	Inverter	Welding control	Multiple welding pulses	Data logging	Weld parameter upgrade possible	Transformer gun	Has C or X gun	Cooling, C gun	Cooling, X gun	Welder cooling system	Weld studs + pull dents	Adjust air pressure	OEM approvals	Base model price	Model with full kit price	Thatcham Verified	Thatcham Accredited
Car-o-liner CR500	3-400	50/60	32 slow	4 x 10	7.5	Yes	?	Yes	No	No	No	C	Air	Air	Air/fans	Yes	Manual	?	£10,500	£11,030	?	?
Car-o-liner CR530	3-400	50/60	32 slow	4 x 10	7	Yes	?	Yes	No	Yes	No	C	?	?	Water	Yes	Manual	?	£13,250	£13,630	?	?
Celette MIDISpot 9000	3-400	50	32 slow	4 x 10	5-8	Yes	?	Yes	Yes	Yes	No	C	Water	Water	Water	Yes	Manual	8	POA	£11,500	?	?
Celette MIDISpot 9000T	3-400	50	16 delay	4 x 4	5-8	Yes	?	?	Yes	Yes	Yes	C	Water	Water	Water	?	Manual	8	POA	£12,000	?	?
Celette Scorpion 2000	3-415	50/60	32 switch	4 x 6	7	Yes	?	Yes	No	No	No	X	Air	Air	Air/fans	Yes	Auto	?	POA	POA	?	?
Compuspot 800HF	3-415	50	32 slow	4 x 6	6-8	Yes	?	Yes	No	No	No	X	?	?	Water	Yes	Manual	?	?	?	?	?
Electron MI-100	3-400	50/60	32 slow	? x 10	8	2k invert	?	Yes	Yes	Yes	No	X	?	?	Water	Yes	Auto	23	£6,700	£8,500	?	?
Electron MI-100 Control	3-400	50/60	32 slow	? x 6	8	2k invert	Yes	Yes	Yes	Yes	No	C + X	Water	Water	Water/air	Yes	Auto	11	£9,500	£12,500	?	?
Prospot i4	3-400	50/60	32 slow	4 x 10	9.5	Yes	?	Yes	No	Yes	No	C	?	?	Water	Yes	Manual	2	£10,500	£11,500	?	?
Tecna 3650	3-400	50	35 delay	4 x 10	8	Yes	?	Yes	No	No	No	C + X	?	?	Water	Yes	Manual	?	?	£8,200	?	?
W & S Invertaspot GT	3-400	50	32 slow	4 x 10	6-8	Yes	Yes	Yes	Yes	Yes	Yes	C + X	?	?	Water	Yes	Manual	4	£10,750	£13,000	?	?

Manufacturer, Model	Maximum Welding Current (Amps DC)		Minimum Arm Length C gun			Minimum Arm Length X gun			Maximum Arm Length C gun			Maximum Arm Length X gun		
	Stated	Measured	Stated size (mm)	Measured size (mm)	Measured tip force (daN)	Stated size (mm)	Measured size (mm)	Measured tip force (daN)	Stated size (mm)	Measured size (mm)	Measured tip force (daN)	Stated size (mm)	Measured size (mm)	Measured tip force (daN)
Car-o-liner CR500	11,500	?	600	?	?	600	?	?	600	?	?	600	?	?
Car-o-liner CR530	13,000	?	600	?	?	600	?	?	600	?	?	600	?	?
Celette MIDIsport 9000	12,000	?	500	?	?	500	?	?	500	?	?	500	?	?
Celette MIDIsport 9000T	12,000	?	?	?	?	?	?	?	?	?	?	?	?	?
Celette Scorpion 2000	12,000	?	450	?	?	450	?	?	450	?	?	450	?	?
Compuspot 800HF	14,000	?	470	?	?	470	?	?	470	?	?	470	?	?
Electron MI-100	9,000	?	410	?	?	410	?	?	410	?	?	410	?	?
Electron MI-100 Control	10,500	?	410	?	?	410	?	?	410	?	?	410	?	?
Prospot i4	12,500	?	600	?	?	600	?	?	600	?	?	600	?	?
Tecna 3650	12,000	?	600	?	?	600	?	?	600	?	?	600	?	?
W & S Invertaspot GT	10,000	?	450	?	?	450	?	?	450	?	?	450	?	?

Manufacturer, Model	Audi	BMW	Cadillac	Chevrolet	Chrysler	Citroen	Ford (Europe)	Ford (USA)	Honda	Hyundai	Jaguar	Kia Motors	Landrover	Lexus	Mercedes B	Mini	Opel	Peugeot	Porsche	Renault (D)	Renault (UK)	Seat	Skoda	Smart	Toyota	Volvo	VW
Car-o-liner CR500	✓	✓						✓						✓	✓	✓	✓	✓			✓				✓	✓	✓
Car-o-liner CR530	✓	✓						✓						✓	✓	✓	✓	✓			✓				✓	✓	✓
Celette MIDIsport 9000		✓					✓	✓							✓		✓	✓		✓						✓	
Celette MIDIsport 9000T		✓					✓	✓							✓		✓	✓		✓						✓	
Celette Scorpion 2000		✓																									
Compuspot 800HF																					✓						
Electron MI-100	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
Electron MI-100 Control	✓	✓		✓			✓							✓		✓		✓			✓	✓	✓				✓
Prospot i4							✓	✓																			
Tecna 3650																											
W & S Invertaspot GT				✓			✓	✓										✓									

Heading	Definition	Diagrams
Phases, volts	The number of phases and the voltage at which the machine operates.	 <p>Fig. 1 C type gun</p> <p>Fig. 2 X type gun</p>
Hz (Frequency)	The mains frequency at which the machine operates.	
Fuse size, rate	The size and rate of fuse with which the machine operates safely.	
Number of cables x size (mm ²)	The number of cables, and the size of each, that make up the cable between machine and supply socket.	
Air supply needed (bar)	The air pressure needed to operate the machine and weld gun to reach tip pressure.	
Inverter	The way in which the supply current is controlled to produce the weld.	
Welding control	Measuring and monitoring of the welding current by the machine during the cycle.	
Multiple welding pulses	A series of electrical currents is needed to produce the weld.	
Data logging	Storage by the machine on job files of weld production details .	
Weld parameter upgrade possible	The machine can be updated with new weld parameters.	
Transformer gun	A type of gun with the transformer in the hand-held device, not in the main control housing.	
C gun	A type of gun with an inline air-fed piston to push the electrode cap onto a fixed backstop. Fig. 1	
X gun	A 'traditional' type of gun with two moving electrodes. Fig. 2	
Cooling system	The means of cooling the components and electrode tips.	
Weld studs and pull dents	The machine can weld on studs and body fixings.	
Adjust air pressure	Adjusting the air pressure can be automatic (by the machine) or manual (by the operator).	
OEM approvals	The vehicle manufacturers who have approved the machine.	
Base model price	The price of the base model and minimum accessories (POA = price on application).	
Model with full kit price	The price of the machine with every available accessory (POA = price on application).	
Maximum welding current (Amps DC)	The maximum welding current that the machine can generate.	
Minimum/Maximum arm length (mm)	The minimum or maximum throat depth of the welding gun.	
Measured tip force (daN)	The pressure recorded at the welding tips.	