

ENGINE DRIVEN WELDER

TS 415 S/EL - BC - SX/EL - BC

- Electronic regulation of welding current
- Special circuit for cellulose (pipe line) electrodes
- Low range (20-200 A) for small electrodes
- Auxiliary power (up to 16 kVA) available while welding
- Ground fault interrupter protection
- Modern, fuel efficient, diesel engine (1500 rpm)
- Engine protection (oil pressure/temperature)
- Large (52 l) fuel tank for up to 16 hours operation
- Fuel level gauge with reserve indicator
- Running gear (optional)



Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	Battery charger indicator	Hour counter	Engine protection	Oil pressure indicator	Oil temperature	Fuel level gauge/low fuel	Central lifting eye
Options on request											
	Welding current electr. regulation	Base current	Asynchronous alternator	Voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Fuse	Ready for TC		
	<ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A 2PT (M) ● Version on request 110V or 48V 				<ul style="list-style-type: none"> ● Remote control TC2 with cable 20m ● Remote control TC2/50 with cable 50m ● Welding cables K400 (20+15m, 50mm²) 			<ul style="list-style-type: none"> ● Site tow CTL22 ● Road tow running gear CTV1 ● Earthing kit MT10 			

Technical data	TS 415 S/EL-BC	TS 415 SX/EL-BC
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D.C. WELDING	
Current range, continuous	20 - 400 A
Open circuit voltage	70 V
Duty cycle	400 A - 60%, 350 A - 100%
Electrode diameter	2 - 8 mm
A.C. GENERATION	
	50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless
Three-phase generation	16 kVA / 400 V / 23.1 A
Single-phase generation	12 kVA / 230 V / 52.1 A
Single-phase generation (option)	6 kVA / 110 V / 54.5 A
Single-phase generation (option)	5 kVA / 48 V / 104 A
Duty cycle	100%
Insulating class	H
On request other voltages and frequencies (60 Hz)	
ENGINE	
	Diesel, 4-stroke, air cooled
Type	VM SUN 2105
Output *	20.6 kW (28 HP)
Speed	1500 rpm
Displacement	1990 cm ³
Cylinders	2
Fuel consumption	210 g/kWh
* Maximum output (not overloadable) according to ISO 3046/1	
GENERAL SPECIFICATIONS	
Tank capacity	52 l
Running time (at duty cycle 60%)	16 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1700x950x1080
Weight *	820 kg
Noise level**	98 LWA (73 dB(A) - 7 m)
	840 kg
	95 LWA (70 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC directive 535	

Values shown are nominal values. For further information please contact the sales department.