

ENGINE DRIVEN WELDER

TS 415 VS/EL - BC - VSX/EL - BC



- Electronic regulation of welding current
- Special circuit for cellulose electrodes (base current)
- 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 (60 l) fuel tank for up to 18 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 meter	ES Engine protection	Low oil pressure	High 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	Thermal shut off	Socket 400V EEC	Socket 230V EEC	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 50m² ● Welding cables K400 (20+15m, 50mm²) ● Arc control kit 				<ul style="list-style-type: none"> ● Site tow CTL22 ● Road tow running gear CTV1 ● Earthing kit MT10 ● Air Arc gouging outlet 		

Technical data

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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	60 l
Running time (at duty cycle 60%)	18 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1720x980x1080
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

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