

ENGINE DRIVEN WELDER TS 615 VS/EL-BC - VSX/EL-BC

- Electronic regulation of welding current
- Totally controlled diode bridge
- Special circuit for cellulose electrodes (Base Current)
- Low range (20 - 200 A) for small electrodes
- Air arc gouging outlet
- Auxiliary power (up to 20 kVA) available while welding
- Ground fault interrupter protection
- Engine protection (oil pressure, temperature)
- Large (68 l) fuel tank for up to 15 hours operation



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 regulation	Base Current	Asynchronous alternator	Voltmeter	Socket 400V EEC	Socket 230V EEC	T Thermal shut off	D Ground fault interrupter	Ready for TC		

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|---|--|--|
| Options on request
<ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A or 16A 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 K500 (20+15m, 50mm²) ● Welding Voltmeter/Ammeter Kit AV1 | <ul style="list-style-type: none"> ● Site tow CTL22 ● Road tow running gear CTV1 ● Earthing kit MT10 / MT25 |
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Technical data

TS 615 V S/EL-BC

TS 615 V SX/EL-BC

D.C. WELDING

Current range, continuous	20 - 550 A
Open circuit voltage	60 V
Duty cycle	550A -35%, 500A -60%, 400A -100%
Electrode diameter	2 - 8 mm

A.C. GENERATION

50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless

Three-phase generation	20 kVA / 400 V / 28.9 A
Single-phase generation	15 kVA / 230 V / 65.2 A
Single-phase generation (option)	7.5 kVA / 110 V / 68.2 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 3105
Output *	31 kW (42 HP)
Speed	1500 rpm
Displacement	2985 cm ³
Cylinders	3
Fuel consumption	210 g/kWh

* Maximum output (not overloadable) according to ISO 3046/1

GENERAL SPECIFICATIONS

Tank capacity	68 l
Running time (at duty cycle 60%)	15 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1940x850x1080
Weight *	920 kg
Noise level	98 LWA (73 dB(A) - 7 m)
	940 kg
	93 LWA (68 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.