

ENGINE DRIVEN WELDER

TS 615 VS/EL-BC - VSX/EL-BC

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-400A)
- Socket dedicated to ARC GOUGING
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- Engine Diesel VM MOTORI 1500 rpm
- Engine protection ES
- Silenced
- Site tow CTL22 (on request)
- Welding remote control (on request)
- Meets EC directives for noise and security



Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	Engine protection	Low press. shut down	High temp. engine shut down	Battery charge alarm	Low fuel indicator	Fuel level gauge	Hours-meter
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Socket 3~	Socket 1~	Output 48V	Ground fault interrupter	Thermal shut off	Voltmeter	Ready for TC	Central lifting eye

Options on request	<ul style="list-style-type: none"> ● 400V Plugs ● 230V Plugs ● 110V Plugs ● Tank locking cap 	<ul style="list-style-type: none"> ● Welding cables K400 (20+15m, 50mm²) ● Remote control: TC2 (cable 20m) - TC2/50(cable 50m) ● Welding kit (mask, gloves, etc.) ● Cyclone air pre-filter 	<ul style="list-style-type: none"> ● Ammeter/Voltmeter welding ● Earthing kit ● Site tow CTL22 ● Road trolley CTV1
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Version on request	<ul style="list-style-type: none"> ● Auxiliary output: 400Y - 230I - 48I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE ● Auxiliary output: 400Y - 230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE ● Auxiliary output: 400Y - 230I - 110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE
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Technical data

	TS 615 VS/EL - BC	TS 615 VSX/EL - BC
D.C. WELDING (Constant Current)		
Current range, continuous	20A ÷ 550A	
Duty cycle	550A 35% - 500A 60% - 400A 100%	
Open circuit voltage	60 V	
A.C. GENERATION - 50Hz		
	Three-phase asynchronous alternator, self-regulated, self-excited, brushless	
Three-phase generation	20 kVA / 400 V / 28.9 A	
Single-phase generation	15 kVA / 230 V / 65.2 A	
Single-phase generation	7.5 kVA / 110 V / 68.2 A	
Single-phase generation	5 kVA / 48 V / 104 A	
Insulation class	H	
ENGINE		
	Diesel, 4-stroke, aspirated, direct injection, air cooled	
Model	VM motori SUN 3105 E2	
* Output	27.5 (37.5 HP)	
Speed	1500 rpm	
Displacement / Cylinders	2.987 l (2987) cm ³ / 3	
Fuel consumption (welding 60%)	5 l/h	

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

GENERAL SPECIFICATIONS

Tank capacity	68 l
Running time (welding 60%)	13.6 h
IP protection degree	IP 23
* Dimensions LxIxH (mm)	1940x850x1080
* Dry weight	920 kg
** Measured acoustic power LwA (pressure LpA)	--
** Guaranteed acoustic power LwA (pressure LpA)	--
*** Acoustic power LwA (pressure LpA)	98 dB(A)(73 dB(A) @ 7m)

* Dimensions and weight without trolley/trailer. ** Acoustic power according to European Directive 2000/14/EC. ***For fixed installation only

Mosa reserves the right to change this specification without notice. For further information please contact the sales department