

ENGINE DRIVEN WELDER DSP 615 VSX CHOPPER TECHNOLOGY

- High frequency Digital Control of welding current
- Multi process welder:
 - SMAW: Shielded Metal Arc welding (Stick)
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
 - GTAW: Gas Tungsten Arc Welding (TIG)
- Low welding current range (50%) in C.C. mode
- Ground fault interrupter protection
- Modern, fuel efficient, diesel engine (1500 rpm)
- Engine protection (oil pressure/temperature)
- Large (68 l) fuel tank for up to 15 hours operation
- Fuel level gauge with reserve indicator
- Running gear (optional)



Standard equipment												
	Welding Digital Control	Asynchronous alternator	Auxiliary voltmeter	Ground fault interrupter	3~ EEC Socket 400V EEC	1 EEC Socket 230V EEC	T Thermal Shut off	Ready for RC				
Options on request	<ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A 2PT (M) ● Welding Amp/voltmeter 			<ul style="list-style-type: none"> ● Remote control RC1 with cable 20m ● Welding cables K500 (20+15m, 50mm²) 			<ul style="list-style-type: none"> ● Site tow CTL22 ● Road tow running gear CTV1 ● Earthing kit MT10 / MT25 			On request order <ul style="list-style-type: none"> ● Other Voltage and frequencies (60 Hz) ● Polarity Change 		

Technical data DSP 615 VSX

CONSTANT CURRENT (C.C) - SMAW (Stick)/ GTAW (TIG)

Contact starting (TIG)	
Current Range	10 - 600 A
Open Circuit Voltage	60V
Duty Cycle	600A-35%; 550A-60%; 450A-100%
Electroder diameter	1.6 - 8 mm

CONSTANT VOLTAGE (C.V) - GMAW (Mig)/ FCAW (Flux Cored)

Voltage Range	16 - 40V
Duty cycle	550A-60%; 450A-100%
Wire diameter (MIG)	0.6 ÷ 1.6 mm
Wire diameter (Flux - Cored)	1 ÷ 2.4 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
Duty cycle	100%
Insulating class	H

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

GENERAL SPECIFICATIONS

Tank capacity	68 l
Running time (at duty cycle 60%)	15 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1940x850x1080
Weight *	890 kg
Noise level	93 LWA (68 dB(A) - 7m)

* 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.