

ENGINE DRIVEN WELDER

DSP 615 VS/VSX

CHOPPER TECHNOLOGY

- High frequency Digital Control of welding current
 - Shielded metal arc welding (C.C.)
 - Gas metal arc welding (C.V.)
 - Flux cored arc welding (C.V.)
 - Pulsed gas metal arc welding (C.V./PULS)
- 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											
	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 Digital Control	Asynchronous alternator	Auxiliary voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Thermal Shut off	Ready for RC			
	<ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A 2PT (M) ● Version on request 110V or 48V ● Polarity change (on request to order) 			<ul style="list-style-type: none"> ● Welding Amm/Voltmeter ● Remote control RC1 with cable 20m ● Welding cables K500 (20+15m, 50mm²) ● Wire feeder WF4 			<ul style="list-style-type: none"> ● Site tow CTL22 ● Road tow running gear CTV1 ● Earthing kit MT10 / MT25 				

Technical data	DSP 615 VS	DSP 615 VSX
D.C. WELDING		
Current range	10 - 600 A (C.C.)	
Voltage range	16 - 40V (C.V.)	
Open circuit voltage	60V	
Duty cycle	600 A - 35%, 550 A - 60%, 450 A - 100% (C.C.) 550 A - 60%, 450 A - 100% (C.V.) 350 A - 100% (C.V./PULS)	
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	
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 *	820 kg	920 kg
Noise level**	98 LWA (73 dB(A) - 7 m)	93 LWA (68 dB(A) - 7m)

* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC directives 535.

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