

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



The images are for reference

### FEATURES

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-550A)
- Arc Gouging dedicated socket
- A.C. generator also available while welding
- Ground fault interruptor
- Silenced
- Meets EC directives for noise and security

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

| Options on request  | Version on request  |
|---|---|
| <ul style="list-style-type: none"> <li>• Tank locking cap</li> <li>• Remote control: TC2 (cable 20m) - TC2/50 (cable 50m)</li> <li>• Welding cables: K500 (20+15m, 50mm<sup>2</sup>)</li> <li>• Welding kit (mask, gloves, etc.)</li> </ul> | <ul style="list-style-type: none"> <li>• Cyclone air pre-filter</li> <li>• Ammeter/Voltmeter welding</li> <li>• Earthing kit</li> <li>• Site tow CTL22</li> <li>• Road trolley CTV1/O</li> <li>• Road trolley CTV1/S</li> </ul> |

| Version on request   |
|--|
| <ul style="list-style-type: none"> <li>• Auxiliary output: 400Y - 230I - 48I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE</li> <li>• Auxiliary output: 400Y - 230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE</li> <li>• Auxiliary output: 400Y - 230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE</li> </ul> |

|                       |                        |                         |
|-----------------------|------------------------|-------------------------|
| <b>Technical data</b> | <b>TS 615 VS/EL-BC</b> | <b>TS 615 VSX/EL-BC</b> |
|-----------------------|------------------------|-------------------------|

### 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 power  | 20 kVA / 400 V / 28.9 A |
| Single-phase power | 15 kVA / 230 V / 65.2 A |
| Single-phase power | 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)          |
| Cylinders / Displacement       | 3/ 2987 cm <sup>3</sup> |
| Speed                          | 1500 rpm                |
| 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 LxIxD (mm)                         | 1940x850x1080           |
| * Dry weight                                    | 930 kg                  |
| ** Measured acoustic power LwA (pressure LpA)   | 96 dB(A)(71 dB(A) @ 7m) |
| ** Guaranteed acoustic power LwA (pressure LpA) | 96 dB(A)(71 dB(A) @ 7m) |
| *** Acoustic power LwA (pressure LpA)           | 98 dB(A)(73 dB(A) @ 7m) |

\* Values shown do not include trolleys \*\* Acoustic power according to European Directive 2000/14/EC. \*\*\* For fixed installation only in the EU market.

Specifications subject to change without notice. For further information please contact the sales department.