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Lambson's Hire Inverter Welders Ideal For African Operating Conditions

Attention to industry needs is the driving force behind each item of equipment within the Lambson's Hire fleet. Addressing the need for an inverter welder that is suitable for operation in harsh African environments led to the introduction of the 220 Volt 200 Amp inverter welders, which feature leading insulated gate bipolar transistor (IGBT) technology.

"Rapid technological developments in the welding equipment industry dictate the need to stay current on our own product offering. Hence we defined and reacted to a demand for a DC inverter arc welder that is very small, light and portable, yet capable of undertaking demanding tasks," Devin van Zyl, CEO of Lambson's Hire, says.

Introduced less than four years ago to selected branches in high-density areas, the units have become so popular that they are now available from Lambson's Hire's 18 branches throughout South Africa. Van Zyl explains that it is common practice at Lambson's Hire to conduct pilot studies at branches where a specific need has been identified. "This allows us to assess whether the product is suitable for the applications at hand and whether we need to expand our fleet across more branches."

He says that the range adopts advanced, leading arc control technology which provides higher arc stability and better welding performance. This not only leads to a higher quality weld finish but also enhances safety for the welder and other employees in the immediate vicinity.

Quality is heightened by the operation of the welders, which is performed smoothly and quickly, resulting in small incisions and causing less deformation than other models. This can be attributed to the easy striking, low spatter and smooth DC output of the welders.

"While quality is the predominant factor in all welding, clients are also conscious of budgetary constraints, so a balance between price and performance is required. These inverter welders use compressed air cutting power which results in higher economic benefits. The end result is deep steel penetration at an affordable price," van Zyl says.

The inverter welders are appropriate for arbitrary curvilinear cutting of different thicknesses of sheet metal. The compact and lightweight 8 kg design of the welders and their low power consumption make them ideal for use in production and maintenance applications where portability and cost containment are factors.

The inverter welder range is also CE and EMC compliant and each welder that goes out to a client is supplied with an earth clamp and electrode holder. "Feedback from clients demonstrates that these products are very efficient with good duty cycles, allowing operators to weld for longer on higher settings. Lambson's Hire will continue to research suitable solutions to industry issues and upgrade its fleet to meet client needs," Van Zyl concludes.

INVERTER WELDER PIC 01: 220 Volt, 200 Amp inverter welders which feature IGBT technology are available from Lambson's Hire.

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