



SHIFTING THE LIMITS

REFERENCE TPS/I, VR 5000 CASE

SLOB shipyard, Netherlands

FRONIUS WELDING TECHNOLOGY ENSURES THE HIGHEST QUALITY STANDARDS IN THE CONSTRUCTION OF SUPERYACHTS.

The Dutch shipyard, SLOB, a subsidiary of Koninklijke De Vries Scheepsbouw (KDVS), is one of the world's most renowned builders of steel hulls for megasized, superclass motor yachts. The company's stringent internal quality tests far exceed those demanded by the international classification society Germanischer Lloyd. These high quality standards are valued by a highly exclusive customer base around the world, which relies on SLOB hulls.



REQUIREMENT

"We use the best materials for our customers. But we can only achieve the highest standards of quality if we use the best tools. Fronius is well ahead of the pack here."

Jan Forman,
head of the welding department
at SLOB

The superyachts, which are custom made by SLOB's parent company Koninklijke De Vries Scheepsbouw incorporating the customer's every desire, demand top quality in every phase of production, including the welding of the hull. As SLOB is increasingly receiving orders for yachts with aluminium hulls and this area of business continues to expand, the welding systems must be replaced and upgraded. The harsh operating environment of shipbuilding poses a major challenge here.

SOLUTION

“The new TPS/i generation of welding appliances is one of the best systems available right now. In fact, there are many reasons to suggest that it’s the best system of all – especially for aluminium.”

Jan Forman,
head of the welding department
at SLOB

The SLOB shipyard has been counting on the technology leader Fronius for years and is now replacing all its existing power sources with Fronius devices. The TPS/i MIG/MAG power source platform has particularly impressed the company with its extremely stable arc, exceptionally clean weld seams, and significant time and cost advantages. In order to achieve optimum welding results even on inaccessible areas, SLOB also uses the rugged TransSteel 5000 combined with the portable VR 5000 Case wirefeeder. This was specially developed by Fronius for the requirements of the shipbuilding, offshore and rail vehicle construction industries. Thanks to the robust, compact design of the VR 5000 Case and a 20 metre hosepack between the wirefeeder and the power source, there is considerable freedom of movement for the welder to work on difficult-to-reach areas easily and precisely.



/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,300 employees worldwide, we shift the limits of what’s possible - our record of over 900 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we’ve always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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