

Böhler Welding issues submerged arc welding catalogue

Filler metal specialist Böhler Welding has issued a new catalogue on its European range of filler materials for submerged arc welding.

Böhler Welding filler materials are fully developed in-house and are manufactured in its specialized production unit in Hamm, Germany. The product range comprises over 120 wire / flux combinations covering non-alloyed, weather resisting, high strength, low-temperature and creep resistant steel, all types of stainless steel, as well as nickel-base alloys. All over the world, these are applied in demanding industrial segments, such as power generation, the process and chemical industries, up and downstream offshore fabrication, pipe mills, the nuclear industry, wind tower production and civil engineering.

Customer-focused with productivity in mind

The wire / flux combinations are mostly developed in co-operation with key fabricators in their industry segments. Their specific process and weld metal requirements form the basis for the development of new or adapted combinations, which are field-tested for their target application. Welding productivity is a crucial focus area. Böhler Welding wire / flux combinations are designed to improve economy and quality of the submerged arc welding processes applied by fabricators.

Productive packaging options

Next to standard 25 kg spools, wires can be supplied on spool bodies with a filling content of 100, 300, 350 and even 1000 kg to reduce downtime with high duty cycle welding systems. Fluxes can be ordered in standard 25 kg bags or sealed metal drums, but also in big bags with 500 or 1000 kg filling content. The same flux packaging forms can be ordered in DRY SYSTEM – the special moisture proof packaging line for fluxes. With DRY SYSTEM, the flux stays factory dry and can be used without re-baking.

SAW process audits

Böhler Welding on-site productivity audits performed worldwide by a team of specialized application engineers are an appreciated service. These audits have the aim to improve quality issues (mechanical properties, defect rate) and to identify the potential for productivity increase. Often this results in adaptation of the welding process itself (e.g. to twin or tandem heads), the choice of different consumables and – in some cases – in the development of a completely new wire / flux combination.

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A copy of the catalogue in English can be downloaded from [our Website](#).

For a printed copy, please contact welding.gcc@voestalpine.com with your name and postal address.

Please direct your inquiries to

voestalpine Böhler Welding
Jutta Hackstock-Sabitzer
Vice President Global Communication & CRM
E. jutta.hackstock-sabitzer@voestalpine.com
M. +43 (0)664 883 22 465
www.voestalpine.com/welding/group/Company/Press

For questions regarding the content of this press release, please contact:

voestalpine Böhler Welding
Ben Altemühl, EWE
Technical Editor, Global Communication & CRM
E. ben.altemuhl@voestalpine.com
M. +31 (0)6 29 28 95 65
www.voestalpine.com/welding/

About us

voestalpine Böhler Welding

Is a leading manufacturer and worldwide supplier of filler metals for industrial welding and brazing applications. As a part of the voestalpine Group, one of the world's leading suppliers of specialized steel products, voestalpine Böhler Welding is part of a global network of metallurgy experts. With more than 100 years of experience, the enterprise has decisively influenced the development of welding technology, setting the benchmark with its innovative solutions. With its three areas of competence – Böhler Welding for joint welding, UTP Maintenance for repair and maintenance welding and Fontargen Brazing for soldering and brazing – outstanding solutions for all challenging welding projects in demanding industries are offered. Read more on www.voestalpine.com/welding

Metal Engineering Division

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The voestalpine Metal Engineering Division is the global market leader in turnout technology and complete rail systems, and is the European market leader in special rails and quality wire. The division is also a leading provider of seamless tubes and high-quality welding consumables. Customer segments include the railway infrastructure industry, the oil and gas industry, the steel and construction industry, as well as the mechanical engineering and automotive industries. In the business year 2015/16, the division and its Steel, Rail Technology, Wire Technology, Tubulars, Turnout Systems, and Welding Consumables business units generated revenue of more than EUR 2.85 billion, of which around 43% was generated outside of Europe. The division, with its approximately 12,700 employees worldwide, reported an operating result (EBITDA) of EUR 385 million.

The voestalpine Group

The voestalpine Group is a steel-based technology and capital goods group that operates worldwide. With around 500 Group companies and locations in more than 50 countries and on all five continents, the Group has been listed on the Vienna Stock Exchange since 1995. With its top-quality products, the Group is one of the leading partners to the automotive and consumer goods industries in Europe and to the oil and gas industries worldwide. The voestalpine Group is also the world market leader in turnout technology, special rails, tool steel, and special sections. In the business year 2015/16, the voestalpine Group reported revenue of EUR 11.1 billion and an operating result (EBITDA) of EUR 1.6 billion; it had around 48,500 employees worldwide.