

Conform™ Conklad™ SheathEx™ *update*

Complete Conform Range Now Available from China

SPRING 2010



Conform 550 Continuous Extrusion Line for Copper Bus Bar & Shaped Profile Conductors

Following the successful introduction of the Conform S315 model at Wire 2008, BWE are now pleased to offer the complete range of Conform machines from China.

By switching manufacturing to our modern factory in Pu Dong, Shanghai, BWE's UK sales office is now able to offer continuous extrusion lines at a much reduced price. Production tooling is also manufactured in China and this has had a significant effect on the running costs for all Conform, Conklad and SheathEx machines.

BWE Shanghai Ltd have already supplied a number of machines for **Copper Rectangular Wire, Solid Aluminium Conductor (SAC), AS Wire, Aluminium Round Refrigeration Tube and Micro Multivoid Tube for the automobile heat exchanger / air-conditioning industry.**

The new Conform S400 model extrudes copper bus bar up to 160mm width and the larger S550 model extrudes up to 200mm wide copper bar. Other shaped conductors and profiles are possible in copper or aluminium.

Prices are significantly cheaper due to lower manufacturing costs but the machines are built to the same high standard. Machines can be supplied with a European Motor, Gearbox, Heat Exchangers and Hydraulic Pumps. **Final Test, CE Certification, Quality Control, Commissioning, Training, Technical Support and After-Sales Service is carried out from the UK.**

BWE's headquarters in Ashford, Kent will continue to innovate, design and develop new machines for different applications. Conform, Conklad and SheathEx machines for specialist applications continue to be manufactured in the UK.

Cold Welding · Continuous Extrusion · Continuous Cladding · Continuous Sheathing

BWE Ltd

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New SheathEx™ 400 Model



SheathEx Production Line

The SheathEx™ machine extrudes a continuous and **seamless** aluminium tube (max. diameter 170mm) around a high voltage cable core. The extrusion is from two 12.0mm diameter rods.

BWE collaborated with high voltage power cable producers in China to develop the product and process specifications for this new and unique technology. **Three installations are now in production and orders have been secured for two further projects, which will be commissioned during 2010.**

Following the success of the SheathEx 550, BWE is now launching a smaller 400 model to cover cable diameters up to 100mm.

BWE SheathEx customers are now securing large orders for High Voltage Cables, due to the fact that they can now supply very long lengths of cable in a seamless aluminium sheath at a very competitive price.

The feedstock material is standard CCR aluminium rod, which is readily available and cheap, compared to other materials (such as flat aluminium sheets used in a welding line).

The SheathEx process is a continuous (**no stop marks**), reliable (**no weld**) and cost effective (**cheap materials, low energy, low maintenance, low manpower etc**) method of sheathing high voltage power cables.

International Patents have been filed for the SheathEx Process, SheathEx Tooling System, Machine Arrangement, Control Method and Induction Heating Technology that is employed.

New eShop for Cold Weld: www.coldweld.bwe.co.uk

BWE is pleased to announce the launch of our new **eShop** where you can now buy **Cold Pressure Welders** and **Dies** online. Significant price reductions can be obtained by visiting our website below.

Please visit: www.coldweld.bwe.co.uk to apply for an account. This site is available only to **registered** companies. Full company details and contact information must be provided.

Once your details have been received and accepted, we will provide you with a confidential '**Login Password**'. You will then be able to view our complete range of Cold Weld Machines and Dies at much reduced prices.

We look forward to welcoming you to our new eShop.



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Distributor of BWE's Cold Pressure Welding Machines & Dies to the North American Market

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