GREEN'S
BOILER EQUIPMENT
& SERVICES
EST. 1821

OUR NEW HIGH-PERFORMANCE BOILER TUBE BENDING MACHINE

Green's investment in a new CNC multi axis, mandrel and boost bending machine enables production of tube heat exchangers ranging from 25.4mmØ to 114.3mmØ. Green's capability to produce cold formed bends with less than 1D centres whilst increasing efficiency through enhanced automation further demonstrates our commitment to improve productivity and support customers' requirements.

Better design means fewer welds and increased efficiency

The challenge with manufacturing tube heat exchangers is being able to manufacture equipment to an optimum compact design. For example, the tube pitch on a Green's economiser is dependent on how close the bend radius can be manufactured practically, typically 1 x diameter and smaller. Without this a skilled coded welder is required to weld each tube bend to each tube length, requiring weeks in production and up to 10,000 welds.

This new tube manipulation technology means that Green's has significantly increased its manufacturing capabilities allowing a wider range of products from single tubes/coils to superheater bundles and plain tube economisers as well as improving the design of heat exchanger units, increasing the productivity and improving quality by having fewer welded joints.

Green's is a world leader in the design and manufacture of economisers and waste heat recovery systems. Our founder Edward Green patented the first fuel economiser in 1845. Since then, we have been combining innovation and engineering expertise to help companies around the world reduce emissions, improve efficiency and save money.

Today, from manufacturing and support sites in the UK, Green's is recognised for its superlative products and collaborative approach to design and manufacture. Our main markets are energy (biomass, waste to energy and conventional fuels), industrial and marine.

We also support our customers with aftermarket services that ensure their boiler and waste heat recovery systems are kept operational at

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