

Press Information

METALOCK'S LATEST BORING BAR MACHINES THE WORLD'S LARGEST TURBINE CASINGS

As industrial plant and equipment becomes more sophisticated to cope with modern technology so managements' determination to minimise operational downtime increases, as it is becoming a very expensive commodity. Metallock understands the importance of getting the job done within the constraints of time and budget and its expertise is generating significant savings in both time and cost over a broad spectrum of industries including power generation, steel and aluminium, marine, pulp and paper, petrochemical and offshore.

Metallock Engineering has been serving industry with mechanical equipment repairs for nearly 60 years and during that time has accumulated a wealth of experience in the art of in-situ machining. The technology saves money in that no longer is it necessary to dismantle and uproot machinery for transportation to a workshop for repair. Instead, Metallock move in and effect the repairs on site.

The range of services offered by Metallock extends from milling, boring, drilling & tapping to orbital turning and facing. It also carries out Metallock repairs – metal stitching — to a whole gamut of cracked and broken components and housings, and restores them to as good as new condition.

The company operates in a broad range of industries world-wide and over the years has designed and built an extensive array of specialist machines for on-site working, latest of which is a 12-metre long boring bar for in-situ turbine machining applications. The unit has been developed to fulfil a demand for precision machining on large cylinders, turbine and compressor casings and is capable of performing a comprehensive range of in-situ machining operations on units up to 500MW.

The boring bar has been designed complete with an integral gearbox and a universal plate to facilitate alignment. Being modular, the bar can be extended from 2 metres up to 12 metres long and has a machining capacity up to 5 metres diameter. These parameters make it eminently suitable for the larger applications found in the power generation industries around the world.



Metallock's new modular boring bar can be extended from 2 metres to 12 metres long and is capable of machining up to 5 metres diameter.

Metallock Engineering UK

Unit H 5
Pilgrims Walk
Prologis Park
Coventry
CV6 4QG
England
Phone: +44 (0) 24 7636 0084
Fax: +44 (0) 24 7636 0190
E-mail: sales@metallock.co.uk
www.metallock.co.uk

