



Lovemore Bros.

MACHINE MOVING AND RIGGING CONTRACTORS

January 2012

Simply getting on with it.

TIGHT SQUEEZE AS LOVEMORE BROS INSTALLS STEEL PRESS AT SMITHS MANUFACTURING

A 400 ton steel press to be used for the in-house manufacturing process of components for heat exchangers was installed by Lovemore Bros' Heavy Rigging Department at Smiths Manufacturing in Pinetown recently.

To the casual observer this may appear to be an elementary procedure, but the clearance between the roof trusses and the press is only 100mm, necessitating a demanding and challenging rigging process best left for a professional firm.

The press - imported from Italy - was transported from Durban Harbour to Smiths Manufacturing's premises in Pinetown on one of Lovemore's low bed trucks.

Simon Griesse, Manager of the Heavy Rigging Division said the press was placed on its side and, using hydraulic gantries, was maneuvered to the factory floor where it was lifted into its upright position.



Using Lovemore's Bros hydraulic gantries the steel press is maneuvered into position

"Weighing 46 tons the dimensions of the press are 5.5 metres in height, 3.6 width and 2.2 breadth. While it's a fairly simple task to pick it up and move it, doing so in a confined space with a clearance restriction of only 100mm in the ceiling was challenging to say the least. From start to finish the job took three days," said Griesse.

Gerald Preston, Manufacturing Man-

ager at Smiths who was the Project Leader, said that having worked with Lovemore Bros in the past, they were approached to install the OMERA press. "Their professionalism and attention to detail led us to employing them to carry out the complex task especially in light of the tight clearance available. I was very impressed with the way the project was carried out and the fact that senior management took the trouble to come here during the weekend when we installed the press so that operations at the plant would not be disrupted."

Smiths Manufacturing is a leading manufacturer and assembler of automotive air-conditioning and engine cooling components. It specialises in the manufacture and assembly of radiators and heat exchangers, multiflow and serpentine condensers, integrated HVAC and heater systems, blower motors, engine cooling modules, cooling fan assemblies, refrigerant pipes and hoses.

The press had to be placed on its side to fit into the premises before it was canted into the upright position



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Machine Moving

Abnormal Loads

Mechanical Projects

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