Grating business delivers in-full and on-time

Nepean Building and Infrastructure has made a significant investment in its Weldlok® branded industrial products by introducing automated pipe bending for fabricated handrails and automated plasma cutting for fabricated industrial walkway grating which include galvanized mild steel, aluminium and stainless steel variants.

"We continue to grow apace to keep up with the lead-time demands of our customers," said Nepean Building and Infrastructure Managing Director, **Dr Anthony Sive**.

He said the introduction of the CNC plasma grating profiling machine provides substantially greater production capacity and therefore improves lead and delivery times.

Previously, the company cut steel grating using a saw and all detail cut-outs were performed by hand using an oxy/fuel torch with grinding clean-up which was time consuming, less accurate and risked non-conformances while creating bottlenecks during periods of high demand.

The profiling machine is driven from supplied CAD files removing the need for outdated templates and consequent manual mark-up with possible translation errors.

"Jobs requiring complex shapes can now be cut, with no extra time, to exacting dimensions, a very important benefit for engineers and designers," Dr Sive said.

"Apart from reduced lead times, errors and rework, the new equipment lowers the costs of cutting stock matts for grating fabrication and provides greater capacity, therefore removing a major bottleneck risk.

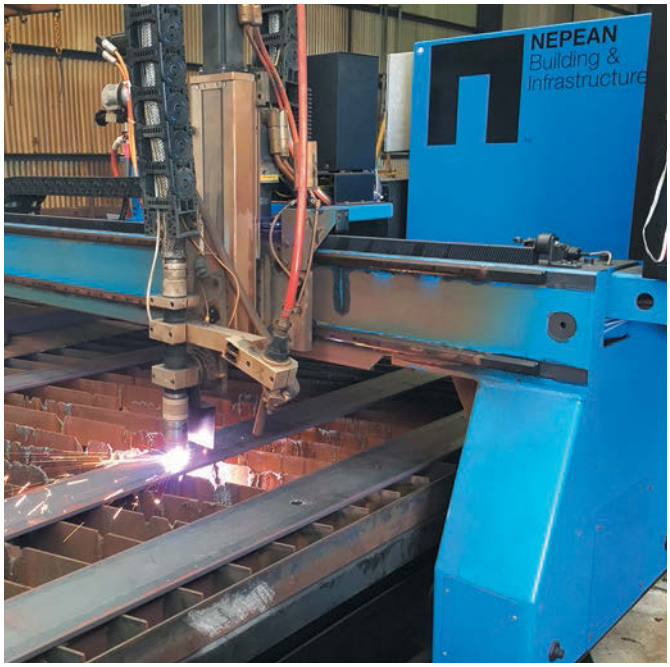
"It also supports project work where complex cut-outs are required."

The new fully automatic hydraulic pipe bending machine can handle lengths of up to 6.5 metres and up to 88.9mm outside diameter (OD).

Other key features of the new machine include programmable early mandrel extraction and touch screen systems, electric servo controlled feed and rotation axis to ensure high precision to +/- 0.2mm.

Dr Sive believes Weldlok® to be the only supplier in the Australian market to offer fabricated products manufactured to exacting standards using this type of equipment.

"To support this significant investment in technology, we also undertake regular product testing and issue relevant certification to the criteria described in the applicable Standard, SA/SANZ HB 18.28 (ISO/IEC Guide 28)."



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