

# Crane system increases efficiency

BOMAC Engineering recently provided a local business with a materials handling solution to reduce injury risks to workers loading CNC routing machines.

At the time, the door manufacturing company was using three CNC machines and considered purchasing a fourth, when it realised there was a high level of idle time on the current machines while waiting for panels to be loaded.

Bomac engineers designed an Altrac overhead gantry crane with a vacuum lifter that could feed the three existing machines from a single, central loading station. The job of loading the panels was reduced from a two-person job to one, freeing up the second worker to move further along the production line where more workers were needed to accommodate the increased capacity.

As well as protecting the backs of the company's employees; it also increased its throughput enough to negate the need for the fourth machine. While the new CNC



**Materials handling solutions designed to reduce workplace injuries**

machine would have cost \$250,000, the crane and vacuum lifter system was less than a fifth of that price.

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