

# Customer case study

## Test stand Instrumentation

### Talleres-Lucas

Talleres-Lucas, a \$10 million company which operates from four separate locations in Chile, not only prides itself on being a global 'one-stop shop' for hydraulic solutions, but one of the foremost suppliers in its field. With a world class facility for testing hydraulic pumps and motors, the company differentiates itself from its competitors through the service that it provides to its customers, making speed, accuracy and the professionalism of its output some of its key considerations.



The test bench used by Talleres-Lucas, which was developed and built by the company itself, previously used the MC100 Portable Data Logger produced by Webtec Products for testing the pumps and motors which the company assembles and repairs. As improvements have been made to the bench and as technology has moved on, however, the organization needed a more cost and time-efficient product which would allow them to turn their work around more quickly and cut out the duplication of effort. Their solution needed to be robust, reliable, accurate, simple to use and the outputs needed to be easy for their customers to interpret.



market. Their search, however, led them straight back to Webtec when they realised that none of the other available solutions were purpose built for the hydraulic industry. The C2000 Hydraulic Data Acquisition System, on the other hand, represented a complete solution which did everything that the company required of it and, having already dealt with Webtec previously, Talleres-Lucas knew that they could rely on them to deliver on their expectations.

Used as an addition to the numerous other home-grown features of Talleres-Lucas' test bench, the C2000 was simplicity itself to order and set up. Demonstration of the Windows-based software was carried out over the Internet at a time to suit the customer and, when the system arrived, already configured to meet the specified test parameters, all that was required was to install the sensors that Webtec had recommended and connect the cables.



Despite having used products from Webtec for more than 15 years, upon deciding to upgrade their testing facility, Talleres-Lucas did what any good business would do and set out to investigate what was on the



As the C2000 uses the familiar Windows environment, learning how to operate the system proved to be extremely quick and straightforward. Just a few clicks and the input of minimal customer information and the Talleres-Lucas technicians were able to carry out the test and automatically produce a certificate incorporating the actual figures and a graphical representation of the parameters tested for presentation to the customer. Networking the system not only means that certificates can be printed in a clean environment so that they look more professional, but also that all test results can be stored centrally and access to them gained without interrupting the work of the service team.

For the managers and technicians at Talleres-Lucas, the C2000 has all the Webtec hallmarks; it is robust, reliable and simple to use. Most importantly though, it has helped the company to achieve its aims in terms of being faster and more efficient than its competitors, as well as of providing the very highest quality standards of service.

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TLUCAS-CS-ENG-2668.pdf (01-11)

Designed and produced by Webtec Graphics

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