



Waterjet Industry pioneer and inventor Jose Munoz praises TECHNI Waterjet's™ industry first waterjet pump; the Quantum ESP™ (Electric Servo Pump), with a letter to the Managing Director Mr Darren Reukers

Thursday, July 28, 2010

*Mr. Darren Reukers
Managing Director
Techni Waterjet Pty Ltd*

Darren,

It has been said "There is nothing more powerful than an idea whose time has come", and your waterjet pump is unquestionably one of those. The quality, load capability, endurance and reliability of servo-drives as well as the high-pressure components (up to 60 ksi) have reached maturity, so the coupling of the technologies was an occurrence just waiting for the right company. In terms of controls, it allows a more natural and effective bridging of the pump with the motion equipment since it uses the same technology; the operator is now truly informed and in control of the complete system.

Besides its performance, I judge the beauty of a design by its simplicity and user friendliness. Compared to waterjet intensifier pumps, your design has reduced the system complexity, the learning curve, the maintenance and the operating costs by several orders of magnitude while increasing efficiency from the mid 60's to high 80's with considerable reduction in power consumption.

I recognize a major waterjet innovation when I see one, after all I have been leading ground breaking and successful product developments like Ingersoll-Rand's Autoline™ abrasive nozzle, and waterjet intensifier pumps like the Streamline SL-II™, SL-III™ and the Industry's most successful waterjet pump the Streamline SL-IV™.

Congratulations to you and your Team for bringing to the market the next generation of waterjet pumps.

Sincerely,

*Jose Munoz
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Jose Munoz is one of the original pioneers of Waterjet Cutting Technology, having worked in the industry for more than 25 years. A former director of Research and Development for Ingersoll-Rand & KMT Waterjet, Jose has numerous patents and he has published many papers and articles on Waterjet Cutting Technology.

Techni Waterjet™ considers Jose's acknowledgement of the Electric Servo Pump (ESP) a great honor and validation of its claim to be the future of Waterjet Cutting Technology.



Jose Munoz with Electric Servo Pump by TECHNI Waterjet