

## Looking Ahead to 2008

As 2007 draws to an end we hope that the year has been as successful for you as it has been for us.

As you receive this newsletter our Melbourne office is undergoing expansion as we significantly increase storage space by adding a mezzanine floor to the warehouse. A new workshop is also being built ready for cylinder assembly starting early in 2008 and the counter sales area is being re-vamped.

It has been a growth year for us as we have increased our turnover, increased our staff and more importantly increased our presence in the Australian marketplace.

In this issue we have two new additions to our product range and an overview of another product range we carry in Australia

- The 'VAP' In-line Progressive Start Valves add to our service unit range.
- The Pressure Booster provides a solution to those situations where the factory line pressure is too low.
- An application story using Metal Work products.
- An overview of the Rubinetterie Bresciane product range.

As we get ready to say farewell to 2007 it's time to plan where we are heading in 2008 and beyond.

With many new products in the pipeline, competitive prices, technical expertise and a broad range of products we are positive we can offer the best and most cost effective solution for your applications.

We look forward to working with you on new projects and applications in 2008

**The Metal Work Marketing Team**

## New product

### In-Line Progressive Start Valves

The latest addition to our service unit range is the VAP in-line progressive start valve.

A progressive start is usually configured with the air service assembly as with our Skillair, New Deal and ONE ranges but the VAP can also be used standalone.

When air is supplied to the inlet port an adjustment knob on the top of the unit controls the rate at which the pressure builds up downstream. When the downstream pressure is at approximately 60% of the inlet pressure the valve opens completely.

A progressive start valve is used where pneumatic actuators can fall due to gravity when the air supply to a machine is turned off. When the air supply is turned back on any actuators that have fallen move at a significantly higher speed than normal because they are 'pre-exhausted' which can lead to damage to the machine.

The progressive start valve lets air into the system slowly so that any actuators that had fallen can move slowly back into position. While the actuators are moving the internal volume of the system is increasing so the pressure cannot rise until all actuators have stopped moving, once they have stopped the pressure rises and the valve switches to full flow.

The valve then remains fully open until the pressure supply to the inlet port is turned off.

Contact us for further information.



**In-Line Progressive Start Valves**