



PRESS RELEASE

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ROSS CONTROLS® Announces New High Pressure Automatic Counterbalance Control Valve Assembly

TROY, MI – September 2018 – ***ROSS Controls® introduces its new High Pressure Counterbalance Control Valve Assembly for press metal forming applications***

The new ROSS High Pressure Counterbalance Control Valve Assembly complements the ROSS family of automatic counterbalance products for mechanical power presses. The automatic counterbalance family is now expanded by a compact 3/4” unit that can operate up to 235 psi (16 bar). Some applications with smaller cylinders or heavier die weights may require pressures at or above the maximum rating of standard 150 psi (10 bar) products. High pressure counterbalance valve assemblies can accurately control required counterbalance pressures in the 145 psi (10 bar) to 215 (15 bar) psi range.

ROSS high pressure counterbalance assemblies can be integrated with your existing press controls to set and maintain the correct pressure for each die set, quickly and accurately, to save energy, improve parts quality and extend the life of your press. Properly set counterbalance pressures on each production run can help to reduce gear and bearing clearances that minimize force and shock loading to the rest of the press. In turn, that reduces wear and motor loads.

This latest solution for the metalforming industry meets all ANSI B11.1 requirements. The ROSS automatic counterbalance family is available in a variety of port sizes, port threads, voltages and electrical connections. Units feature two modes of operation, manual and automatic, using 2-way poppet internals for high flow, dirt tolerance and long service life. A transducer mounted on the counterbalance tank provides pressure input to the press controls that can signal the valve assembly to raise, lower or maintain existing counterbalance pressure.

For more information on how automatic counterbalance control can improve your processes, contact your local ROSS distributor, ROSS’ customer service or visit ROSS’ website.

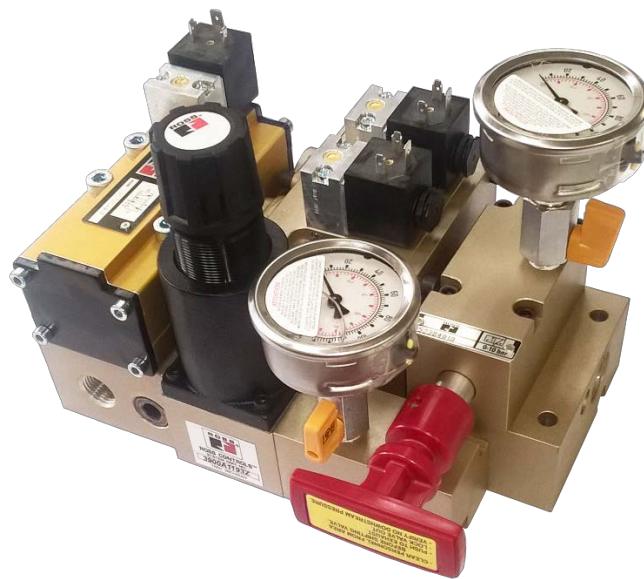
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ROSS CONTROLS®

Established in 1921, ROSS CONTROLS® is headquartered in Troy, Michigan and is ISO certified. ROSS® designs and manufactures pneumatic valves, control systems, and is universally recognized as a global leader in fluid power safety solutions and poppet valve technology. ROSS® provides standard products and customized ROSS/FLEX® solutions for machinery and automation. Selling to original equipment manufacturers and end-users throughout the world, ROSS® reaches its global customer base through the global sales team located in the United States, Germany, France, England, Japan, China, Brazil, India, and Canada. In addition to its global sales team, ROSS® markets its products through a worldwide network of more than 100 distributors.

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**High Pressure Counterbalance
Control Valve Assembly**