

ASCONcorporation *NEWS RELEASE*



Thank you to everyone who visited ASCON during *NPE2009* at Chicago's McCormick Place. Our booth (*N62141 shown below*) was quite busy during the week. We had a bright and comfortable exhibit for new and existing customers to relax and visit and discuss their application needs.

Just to remind those of you who asked for Ascon brochures to be mailed, those pieces are included with this *News Release*. At NPE, we had several exciting products on display.



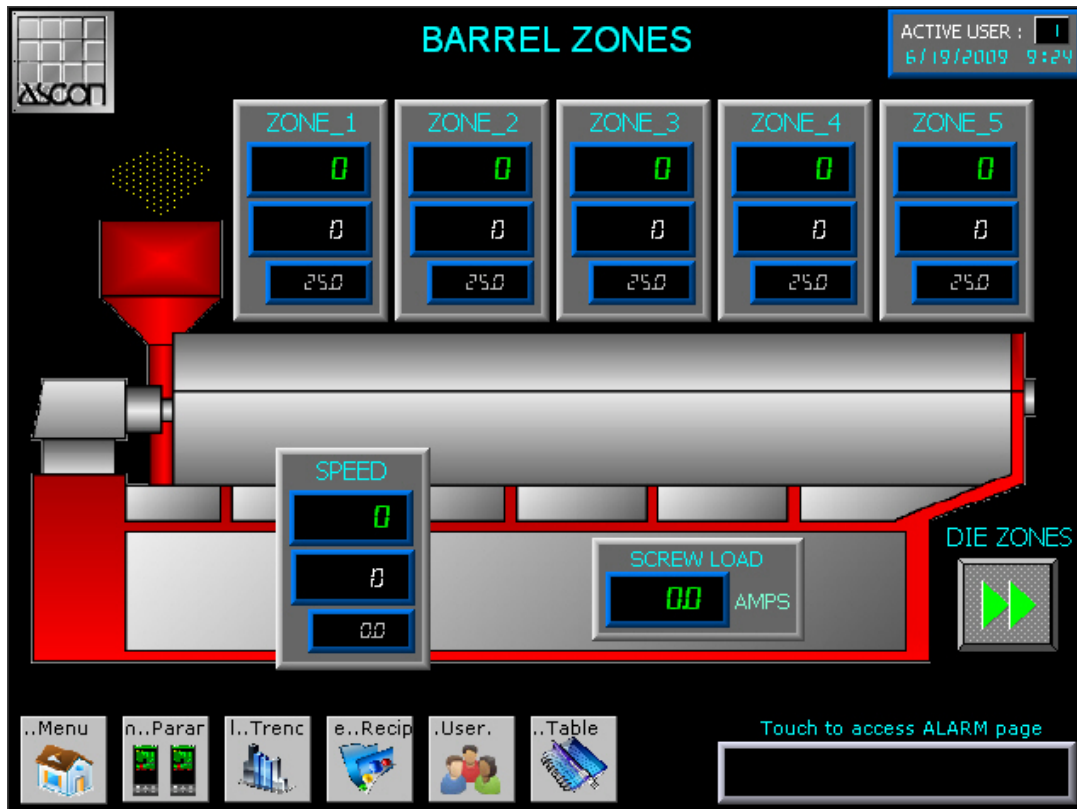
The first reminder of our display is our *Gamma Series* panel controllers which are easy to program and use. These controllers are cost effective and proven replacements that are used not only on new OEM equipment, but are also a natural choice for those looking to add features and save money on existing lines- used as MRO items. As you walked through the North and South halls, you should have seen some OEM extruders that were also showing our *Gamma Series* controllers. In addition to the PID controllers, there is our easy to use melt pressure indicator.



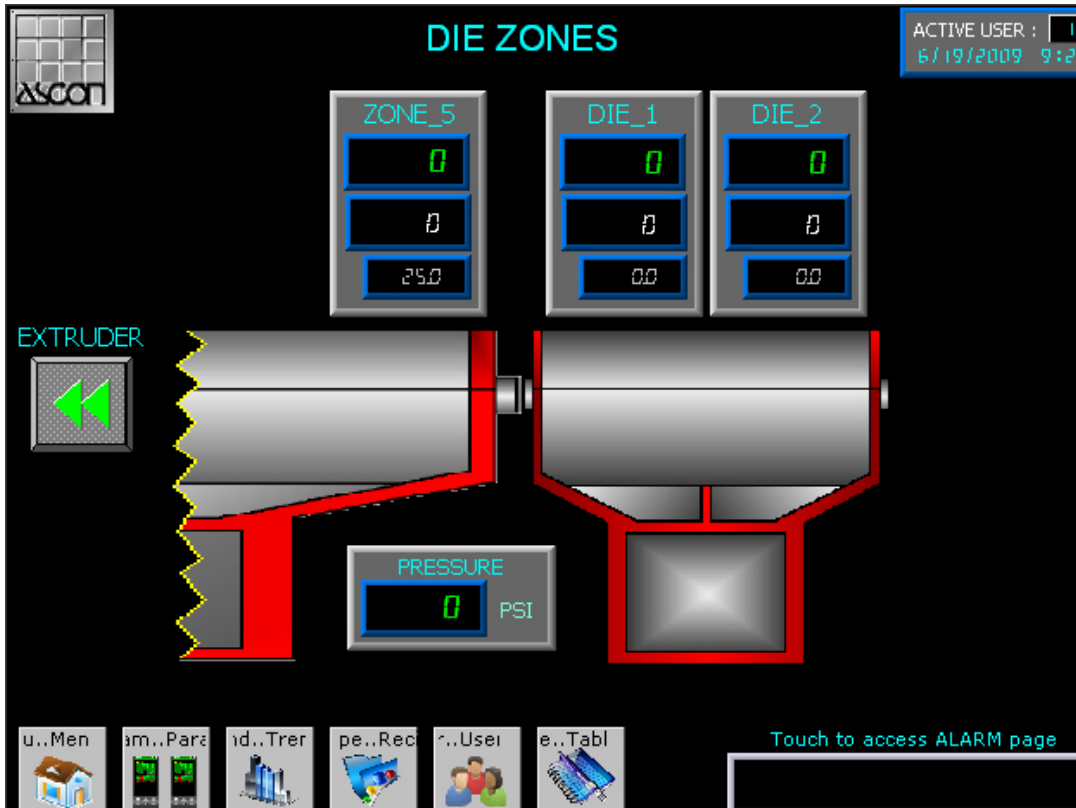
In the same live display with the *Gamma Series* panel controllers was our *Delta Series* DIN rail controllers with an intuitive color operator touch panel that is used extensively for extruder control. The *Delta Series* can be used for any number of loops for temperature, drive speed, and pressure using both single and dual loop control modules with the added benefit of single loop integrity. Add only the number of “hot swappable” modules as needed one module at a time. Each heat/cool zone can be configured for water, fan, or oil cooling and includes a current transformer input and auto-tune with overshoot control. The system comes standard with Modbus RS485, accommodates 200 recipes, and includes graphical overview screens, trend history, alarm history, and parameter summary screens. The system is designed to require minimal setup and is more cost effective than typical “big company” solutions using a PLC or “bundled” multi-loop solutions. Ethernet, DeviceNet, and Profibus communication options are available, as well as a “manager” function that stores each individual module’s configuration and parameter settings in case a spare zone module must be installed. The “manager” will automatically reload the configuration and parameter setting to the new module. Several security levels come standard.

Several attendees at the **NPE2009** Show stopped to look at the *Delta Series* system and all commented on just how intuitive the system is. Ascon’s goal was to create a functional extrusion system that was also easy to use without the need for manuals and training. Judging from the attendees who stopped by our booth, it seems we succeeded.

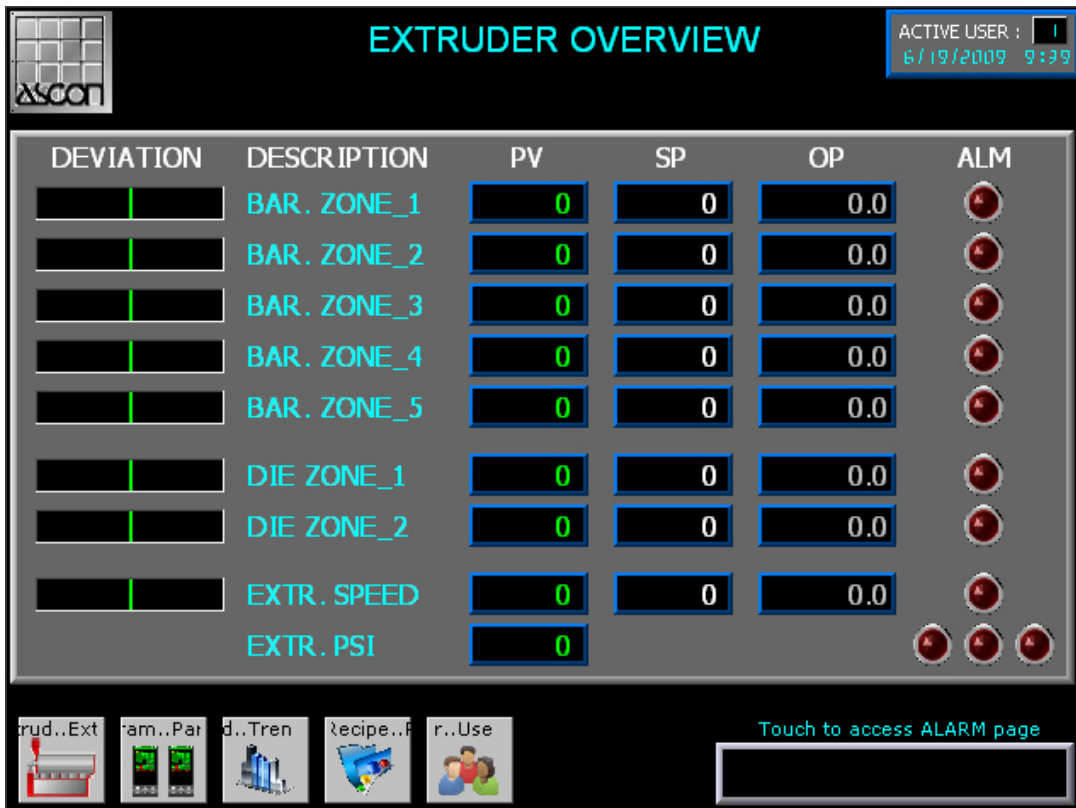
Following are some of the extruder screen shots.



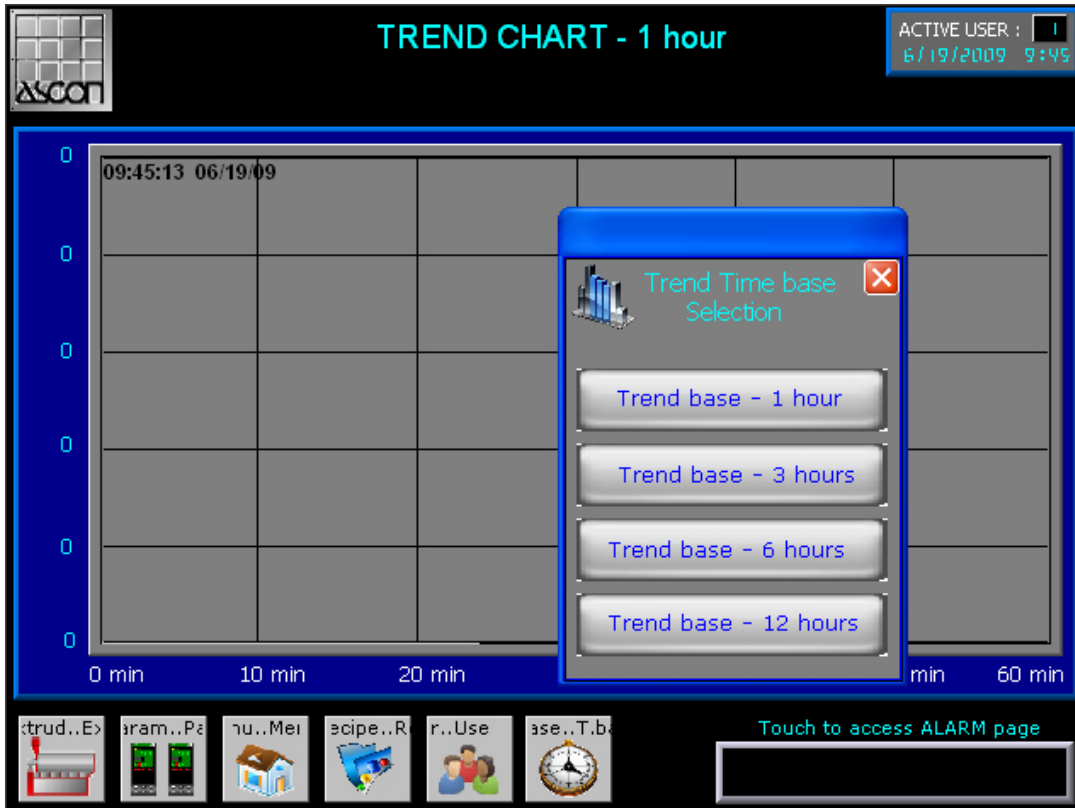
Extruder Barrel Zone Main Page



Extruder Die Zone Main Page



Extruder Overview Summary Page



Extruder Trend Screen with Selectable Time Base

This *Delta Series* extruder system comes standard with these screens and others. Customized screens are also available upon request.

Displayed on the opposite side of the Ascon booth were the new and powerful *SigmaPAC* and *Sigma microPAC* products. Programmable Automation Controllers (PAC) is the newest technology used in place of traditional PLC (logic controllers) for complete process automation. Used for complete plastic process control of PID loops **and** sequence/logic control, the *SigmaPAC* is ideal for complete machine control...no other PLC or loop controls are necessary. The *Sigma microPAC* is an ideal solution for control of down-stream equipment where fewer PID loops and sequence/logic are needed but still require tight control and easy integration with the main control station. The *Sigma Series* is programmed with a free IEC61131 software program called OpenPCS that allows the user to create applications in a combination of six programming languages (function block, ladder diagram, structured text, sequential flow chart, instruction list, and continuous function chart) -- use one language or a combination of all six. The programmer can use the included PID function block and many others, or develop your own proprietary function block. Use the extruder screens above, or create your own.



SigmaPAC



Sigma microPAC with expansion IO module