

Press Release  
Apex Engineering, Inc.  
Modular Extrusion™ Systems

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Apex Engineering and Apex Controls Specialists will present at the 2015 NPE Show an innovative take on modular compounding lines. What makes these systems unique to the industry is the flexibility for the owner to select the equipment and controls platform to meet existing plant standards or needs. Also unique is the way the module assembles. Once erected it resembles a normal process line, not a boxy sea crate frame. It can integrate into a traditional processing building, or is low profile enough to slide right into a warehouse type building. Connecting the electrical systems is truly a plug and play approach using safe disconnect rated plugs. Erection couldn't be simpler with an erect by number assembly. A process line can be making product in approximately 15-20 days from delivery. State of the art control software is included, specifically tailored for the plant floor interfaces. Again, flexibility is the name of the game offering the owner a choice of control platforms or, if none preferred, Allen Bradley is used by default. A compounding control center (CCC) accompanies the process module. All wiring to the field is minimized using Ethernet, remote I/O and intelligent MCC. Apex and ACS have generations of systems in Brazil, Mexico, Argentina, Saudi Arabia, United States and Asia. Some of the benefits that have been realized are:

- 1) Choice of equipment and controls systems, ie. extruder, feeders, electric hardware, material transfer systems, PLC, HMI, etc.
- 2) Project schedules are simplified and shortened 25 -30% with off-site construction resulting in a reduction in project costs by 25-30%.
- 3) The module looks and operates as if stick-built and can be easily disconnected and shipped all over the world; "Mobile Extrusion Capacity".

This system driven approach to modularization, innovative design, construction and controls integration makes this a real consideration for anyone considering a capacity increase that is both mobile and has 100% asset recovery. See the systems and talk to the Apex staff at the 2015 NPE show in Orlando Florida, March 23 - 27 West Hall, Booth #164 or contact [www.apex-engineering.com](http://www.apex-engineering.com).



**APEX ENGINEERING, INC.**  
Global Engineering Services

