



## Extrusion Process Control

BSG Control Systems design and build state of the art PLC based process control systems especially for extrusion processes.

BSG project Engineers have considerable understanding and experience of extrusion processes. Since we specialise ONLY In control systems for extrusion applications you can be sure that we offer you well proven techniques for your specific process.

We can integrate into a SINGLE control system the complete process from Raw material handling and loss-in weight feeding through to filtration, pelletizing and final product handling.

Visualization (Overview)



*PICTURE 1*  
Every component of your process is displayed on a SINGLE Operator Panel for the complete line

We can even retrofit a plc control system to an existing line and control all the equipment around the extrusion line. There is a trend for customers to install various components from various vendors. Our control system makes sure that the equipment from each vendor has a common interface that the operators find intuitive to operate.

Alternatively should your production plant have production lines of differing age or marques, the BSG Extrusion control brings a SINGLE familiar interface to every extrusion line in the plant, making it easier for operators to be trained and ensuring efficient product standards are maintained throughout the plant.

## INTERFACE TO LOSS-IN-WEIGHT FEED SYSTEM

The feed system of the extruder is a key part of the extrusion process. The BSG Control system provides an interface to the electronics module delivered by the feeder manufacturer

*PICTURE 2*  
The advantage of the BSG Control System is that the operator is presented with a single interface to control the complete line.  
(Extruder start/stop, screw speed etc) including control of multiple loss in weight feeders

