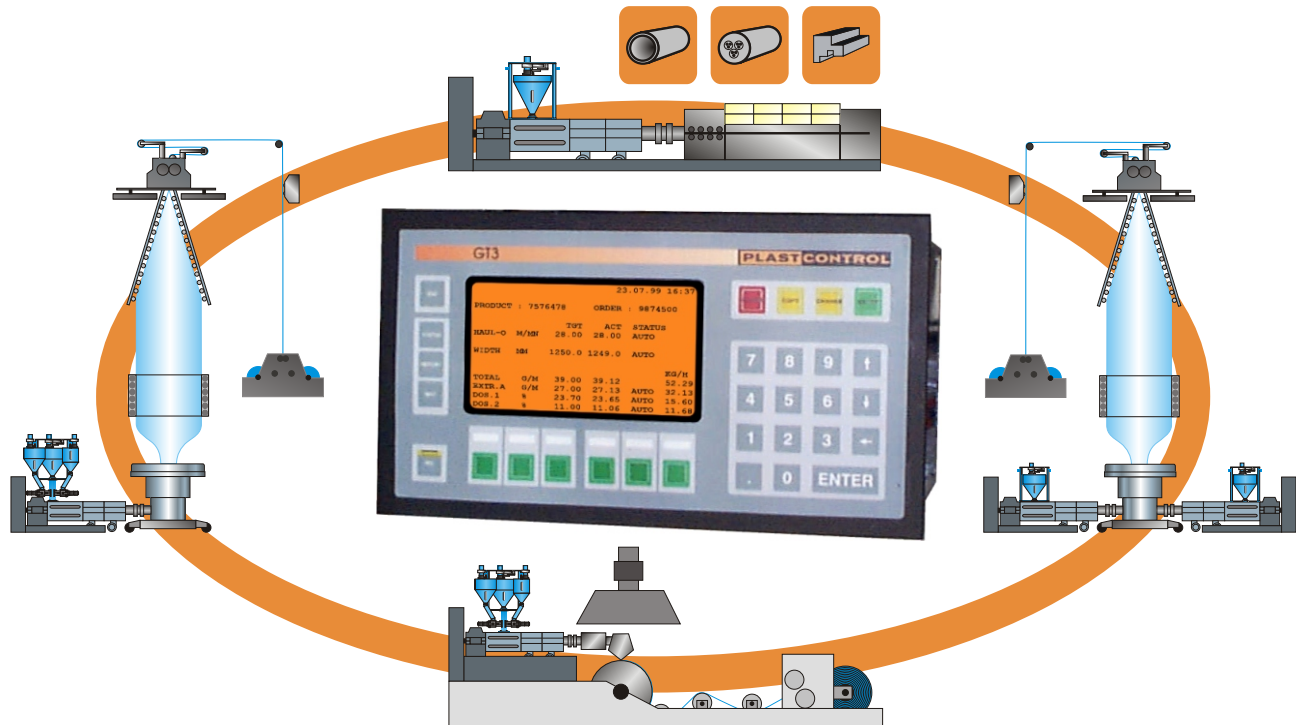


**GRAVIMETRIC DOSING
MEASUREMENT AND CONTROL SYSTEM**

GT3

FOR MONO- AND COEXTRUSION LINES



**COST EFFECTIVE QUALITY ASSURANCE WITH PLAST-CONTROL
AUTOMATIC EXTRUSION CONTROL**

Although the smallest member of the PLAST - CONTROL family of extrusion control systems, the GT3 offers a compact and powerful Gravimetric Extrusion control package. Utilizing the same control software principle from the larger GDC and ACS products, but requiring a fraction of the space.

GT3 is the natural successor to the original and highly successful DR 3000 control system (1000+ Installations). The GT3 incorporates the possibility to control a maximum of three weighing signals. The control software is capable of up to three-extruder co-extrusion layer ratio control or mono extrusion control with two Gravimetric dosing units.

Like all PLAST-CONTROL systems, the GT3 has an easy to learn and simple to use operator interface , long service life, minimum maintenance, and short start up procedure. To reduce installation time the GT3 controls are hopper frame mounted and factory pre-wired.

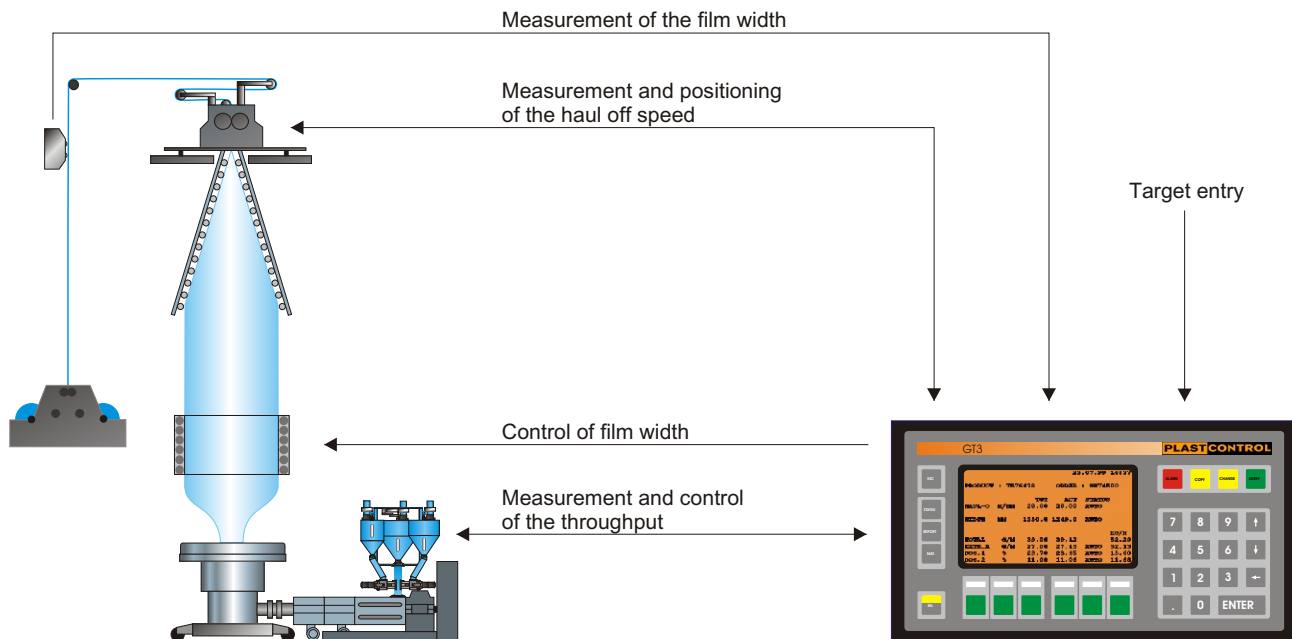
Even though GT3 is a compact system, all important production data such as haul off speed, target and actual values, lb/kft and lb/hr are displayed via a high definition back illuminated LCD screen. As an option, the GT3 can also be equipped with in-built production reports and printer or interface to a central system using Ethernet TCP/IP.

- Independent from the bulk density of the material
- Shorter start-up times
- Quicker material changes
- Simple operation
- Retrofit of existing extrusion lines
- Fast return on investment
- Production is stable
- Homogeneous mixing of additives and master batches (with gravimetric dosing)

OPTIONS

- Gravimetric Dosing of additives and master batches (max. 2 components)
- Width measuring and control
- Printer package
- Order-/shift-/reel-report
- Interface to central systems

STANDARD APPLICATION



Target values may be entered into the system by the operator in several target modes (specified at the time of system order) i.e. g/m, kg/h, lbs/ft, thickness/density/width. These values are compared against process data. The processor calculates the necessary settings and controls the line speed and/or the screw speed(s) accordingly. Field proven experience has shown PLAST-CONTROL systems to operate with an accuracy of +/- 0.5% on average or better.