



# EXTRUMATE

YIELD CONTROL

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Suitable for mono and multi-layer extrusion lines, for blown film, cast film, sheets, and for the production of tubes, profiles and cables. Controls the weight per meter of end product reaching and maintaining tighter tolerances, regardless of changes in extruder throughput commonly caused by:

- progressive clogging of the filter
- variations in melt temperature
- variations in polymer viscosity or bulk density
- plasticizing screw wear.

Reduces start-up and production change.

Optimizes consumption of raw materials and cuts down on waste.

Prevents out-of-tolerance production.

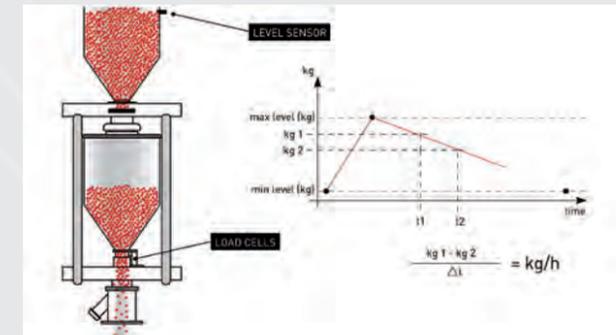
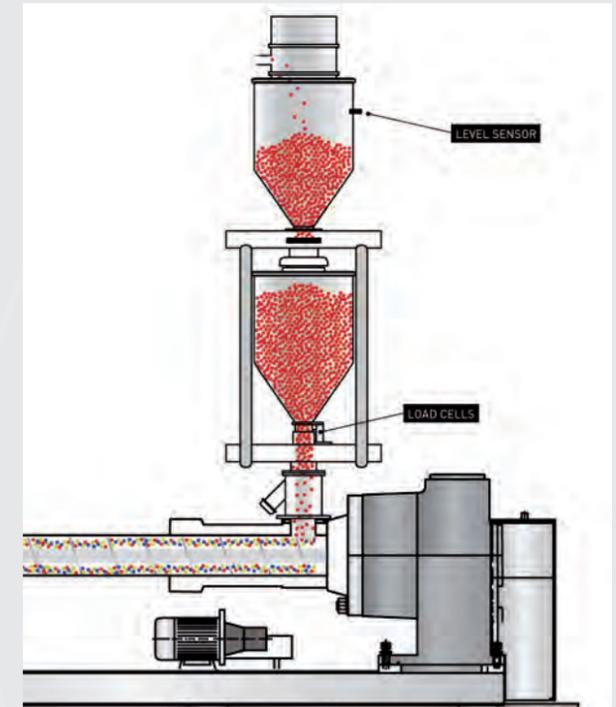
Ensures constant quality and repeatability.

## FAST INGREDIENT CHANGE, QUICK AND THOROUGH CLEANING

- Quick and easy access to all components.
- Feed hoppers with sight glass for visual level control and quick-release ring clamp for easy cover removal.
- Drain spout for easy and quick hopper emptying.

## SYSTEM OPERATION

Thanks to the weigh hopper, which continuously weighs the materials used, the extruder becomes a gravimetric metering device. The system can measure and control extrusion throughput or use this value to control line speed, or alternatively, perform both functions simultaneously. With multi-layer lines, each individual extruder throughput is measured and controlled to maintain a constant layer-to-layer percentage ratio in the end product.



## MAIN FEATURES

- EXTRUMATE is available in various models to meet mono and co-extrusion process requirements.
- Throughputs of 150, 300, 600, 1000 up to 2000 kg/h. Easy installation of the weigh hopper directly on the extruder throat replacing the conventional feed hopper.
- Weigh hopper assembly prearranged for pre-storage hopper and/or vacuum loader installation without additional supports.
- Setpoint entry for multiple layer extrusion line.
  - Extruder rate by weight or
  - Weight of product per running length or
  - Average thickness (film width and polymer density input required)
- Setpoint entry for single layer extrusion line.
  - Total extrusion throughput rate by weight and percentage layer ratio or
  - Weight of product per running length and percentage layer ratio or
  - Average total thickness and percentage layer ratio (film width and polymer density input required)





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