



## Maguire's next generation of Extrusion Control – more choices, more simple

Our innovative extrusion control solution, has demonstrated its effectiveness across a wide range of applications.

It proves advantageous for tube, pipe, profile, and cable processors, and is equally applicable to film and sheet converters.

### Simple, User-Friendly Extrusion Control:

Maguire has introduced the next generation of extrusion control, designed to be intuitive and user-friendly. This technology enables precise control of the extrusion process by weight per hour (lb/hr) or weight per length (lb/ft), making it accessible for all types of extrusion processes.

### Three Versatile Hardware Platforms:

The new extrusion control can be utilized through three distinct hardware platforms from Maguire, catering to various materials dosing and blending requirements. These platforms include:

1



**1. Maguire MGF / MGF+ Gravimetric Feeders:** Integrating Loss in Weight Hopper combined with 1 to 4 gravimetric feeders for compact extrusion process control, offering full gravimetric control of all materials as well as easy process control.

2



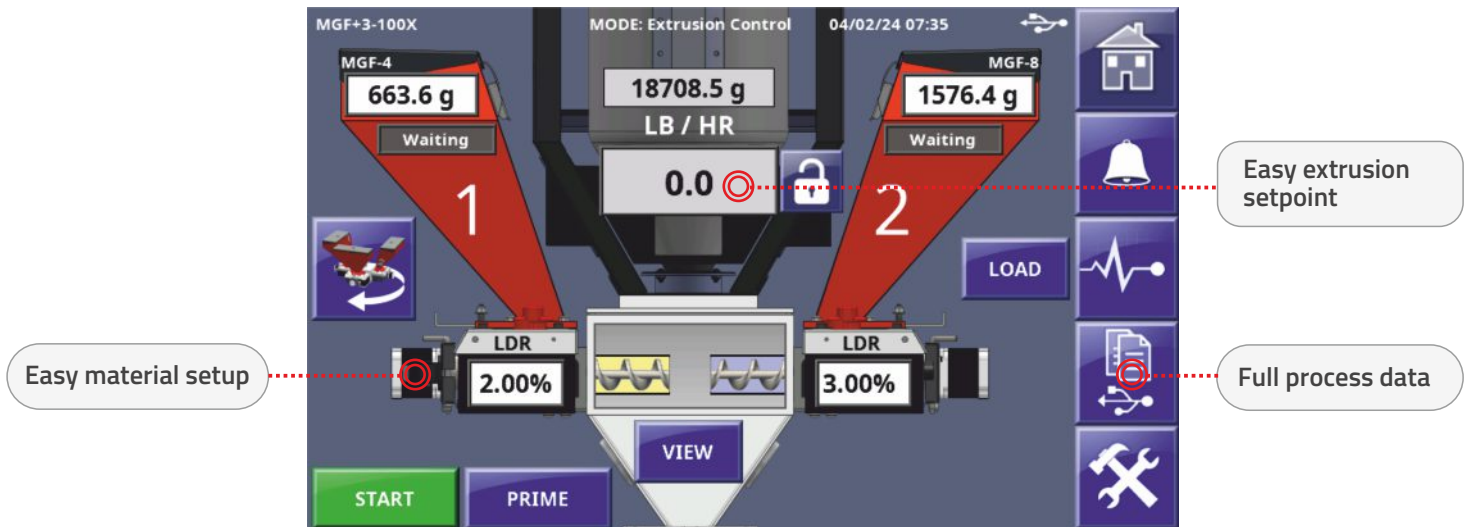
**2. Maguire WXB Blenders:** A range of batch gravimetric blenders handling 2 to 12 materials, with throughput ranging from 20lb/hr to 1,000 lb/hr. WXB blenders include an integrated loss in weight mix chamber for live consumption rate monitoring, providing a streamlined point of control for materials management and process data.

3



**3. Maguire LIW Hoppers:** Standalone loss in weight hoppers that seamlessly manage and control extrusion processes. These hoppers can be retrofitted with Maguire's latest extrusion control software, enhancing the efficiency of existing materials handling equipment.

## Intuitive, simple and easy touchscreen control



## Extrusion Control - rapid returns and easy setup

### RAW MATERIALS SAVINGS - UP TO 5%

Extrusion Control automates the extrusion process. Operators simply enter the setpoint, be it lb/h or kg/h Output Control, or Weight per Length – such as lb/ft, or gram/m.

### RETURN ON INVESTMENT - 3 TO 6 MONTHS

Reduced product scrap & materials usage and reduced start-up time allow for clear, direct savings in materials and production time.

### MORE EFFICIENT START-UPS & CHANGE-OVERS

Constant updates of lb/h or kg/h usage every second to each extruder, plus real time monitoring of line speed allow for precise and automatic regulation of line output ensures simplicity for operators.

### INCREASED PRODUCTIVITY

Continuous line monitoring keeps the product setpoint on target 24 hours a day. No drift or manual interventions. Great improvement of line efficiency.

### SCRAP REDUCTION

Improved control on raw material costs by immediate regulation and better materials utilization.

### A Users View

*“Quick simple and affordable extrusion control with the ability to make quick and easy material changes*

*Extrusion control saves time on startups, product changes and downstream changes, plus saves on materials usage and amount of material lost in startup waste.”*

