



M+S SYNTROL EXTRUSION CONTROL

KEY BENEFITS:

RAW MATERIALS SAVINGS - UP TO 5%

Extrusion Control automates the control of the end product calculated average thickness. Automatic regulation of extrusion line(s) kg/h, lb/h and haul off to target gr/m, lb/ft, micron setpoints.

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

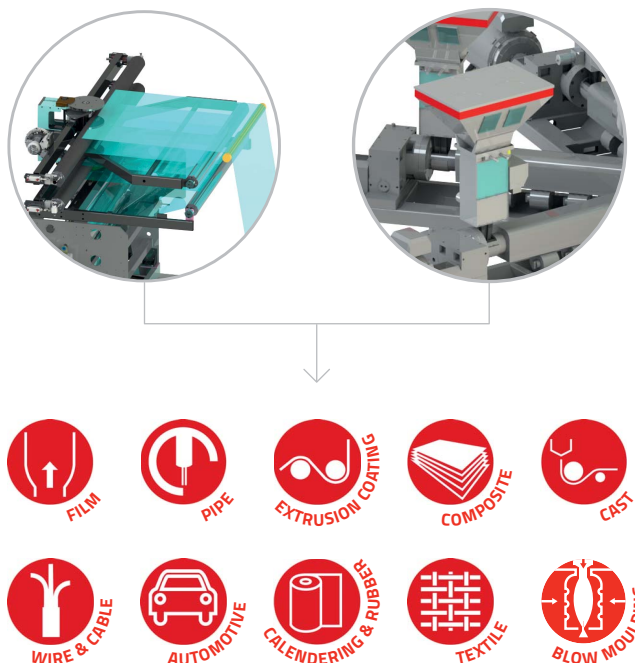
Constant updates of kg/h, lb/h usage every second to each extruder, plus real time monitoring of line speed allow for precise and automatic regulation of line target output. Dynamically versus manual check and adjustments significantly simplify the operator control.

INCREASED PRODUCTIVITY

Quicker & automated start-ups, plus continuous line monitoring keep the product setpoints on target-24 hours a day. No drift or manual interventions. Great improvement of line efficiency.

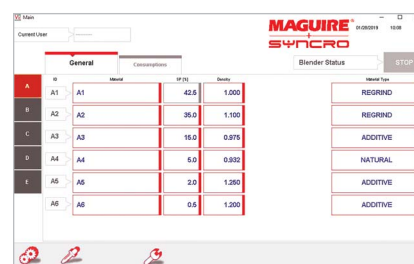
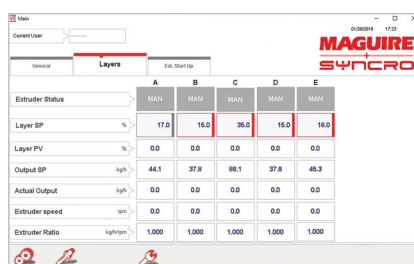
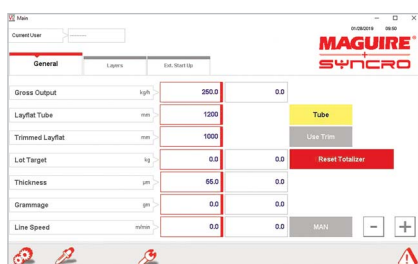
SCRAP MATERIALS REDUCTION

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



Syntrol Basic - Software Interface

- Touchscreen with user-friendly operator interface
- Easy visualization & total control of all process parameters
- Combined LIW Mix Chamber
- Recipe storage
- Material Manager & Layer control





MAGUIRE+SYNCRO HARDWARE

	OPXS-W-M	M+S Extrusion Control for WSB or WXB Gravimetric blender - MAIN BOX with PLC I/O, without HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off. OPXS-HMI-**-OEM required for user interface.
	OPXS-LIW-M	M+S Extrusion Control for LIW Loss in Weight hopper & MGF - MAIN BOX with PLC I/O, without HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off. OPXS-HMI-**-OEM required for user interface.
	OPXS-W-S	M+S Extrusion Control for WSB or WXB Gravimetric blender - SECONDARY BOX with PLC I/O, no HMI touchscreen. Control interface to #1 Extruder.
	OPXS-LIW-S	M+S Extrusion Control for LIW Loss in Weight hopper & MGF - SECONDARY BOX with PLC I/O, no HMI touchscreen. Control interface to #1 Extruder.
	OPXS-W-M-07	M+S Extrusion Control for WSB or WXB Gravimetric blender - MAIN BOX with PLC I/O, with 7" HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off.
	OPXS-LIW-M-07	M+S Extrusion Control for LIW Loss in Weight hopper & MGF - MAIN BOX with PLC I/O, with 7" HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off.
	OPXS-W-M-10	M+S Extrusion Control for WSB or WXB Gravimetric blender - MAIN BOX with PLC I/O, with 10" HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off.
	OPXS-LIW-M-10	M+S Extrusion Control for LIW Loss in Weight hopper & MGF - MAIN BOX with PLC I/O, with 10" HMI touchscreen. Control interface to #1 Extruder + #1 Haul Off.
	OPXS-HMI-07-OEM	M+S Extrusion Control - 7" HMI Touchscreen Panel - to position remotely in OEM cabinet.
	OPXS-HMI-10-OEM	M+S Extrusion Control - 10" HMI Touchscreen Panel - to position remotely in OEM cabinet.
	OPXS-LINEKIT	M+S Extrusion Control - #1 Metric Wheel with Encoder, + #1 Installation Bracket, + 100ft (30m) Cable.

APPLICATION



MAGUIRE WORLDWIDE DISTRIBUTION LOCATIONS

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