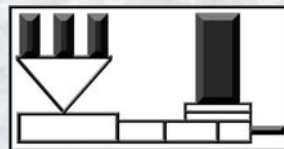


RESIN BLENDING, CONTROL & CONVEY SYSTEMS



CRG
LOGICS, INC.

QUALITY MACHINERY AND CONTROL SOLUTIONS

CRG Logics, Inc. is a full service supplier of auxiliary equipment to the Plastics Extrusion Industry. CRG Logics, Inc. is the solution to the industry's need for reliable equipment, that is simple to operate, yet accurate and affordable. Our customers are considered long-term "Partners", who are provided a dedicated team of experts proficient in system design, development and implementation. Our definition of success is based on your success and satisfaction with our products and service.

ISO 9002 ▲ UL APPROVED PANELS

WE MANUFACTURE A FULL LINE OF FIELD PROVEN PRODUCTS INCLUDING:

▲ RESIN CONVEY SYSTEMS

Railcar unload through plant wide distribution systems. Silos, pumps, receivers, dust collection, angel hair traps, tubing and hardware.

■ PLC BASED CONTROLS FOR EXTRUSION

Custom solutions for all phases of the Plastics Extrusion Industry. We offer a standard line of PLC Based control retrofits for all Resin Blenders in the field today. Past experience includes full line and drive control systems, winder controls, data acquisition and SCADA Systems.

◆ GRAVIMETRIC BLENDING SYSTEMS

A full line of accurate, reliable PLC based continuous blending systems for the extrusion industry. Extruder, offline or mezzanine mount including options such as extrusion control. Gravimetric or volumetric additive feeders for powders or pellets.

● GRAVIMETRIC EXTRUSION CONTROL SYSTEMS

From single extruder rate monitors through complex multi-layer systems. Stand alone systems or integrated with blending, conveying or line control systems.

● SCREEN CHANGERS

Manual lever, hydraulic, or dual bolt

WE SPECIALIZE IN CUSTOM SOLUTIONS!

CONVEY SYSTEMS

VACUUM PUMPS

- ▲ Field Proven
- ▲ 5 thru 40HP Available
- ▲ PD Blowers
- ▲ 230/460V TEFC Motor
- ▲ Variable Speed Drives
- ▲ Vacuum Relief Valve
- ▲ Vacuum Gauge
- ▲ Discharge Silencer
- ▲ Space Saving Design

VACUUM RECEIVERS

- ▲ Field Proven
- ▲ .25 thru 3.0 CU. Ft. Standard, Custom Sizes Available
- ▲ High Quality Pneumatic Components
- ▲ Inductive Prox Sensor Eliminates Hard to Adjust, Unreliable Magnetic Sensors
- ▲ Industrial Style, Long Life Hinges and Latches
- ▲ Pellet Screen or Integral Dust Collection
- ▲ Stainless or Mild Steel

DUST COLLECTORS

- ▲ Field Proven
- ▲ Central Systems Designed for Vacuum Pump Protection or Conveying of Dust Materials
- ▲ Integral PLC Control for Existing Vacuum Systems
- ▲ Stainless or Mild Steel

ANGEL HAIR TRAPS

- ▲ Field Proven
- ▲ Floor Mount or Line Mount Design
- ▲ Removes Stringers Without Disruption of Material Flow
- ▲ Clear View Window for Level Detection
- ▲ Easy Clean-Out or Optional Self Clean Feature



CONTROL SYSTEMS

RESIN BLENDER RETROFIT

- Field Proven
- Designed for Easy Retrofit
- Panelview Color Touch Screen
- Documentation from Interconnect Drawings thru Operation Manual
- Available for Continuous or Batch Resin Blending Systems
- PLC Based Platform
- Quick Ship

RESIN CONVEY

- Field Proven
- Multiple Pump, Receiver and Dust Collector Sequencing
- Distributed or Centralized
- Plant Wide Capabilities
- Interface with Existing Systems
- PLC Based Platform

IBC

- Field Proven
- PLC Based Platform

EXTRUSION LINE

- Field Proven
- Mono or Coex Lines
- Temp., Pressure, Drive and Downstream Control
- Computer Based SCADA Systems for Individual Line or Plant Wide Control

FIELD SERVICE

- Project Specification and Design
- Process Audits
- Installation Service Available
- Start-Up and Training
- Maintenance Contracts

RESIN BLENDING

SYSTEM FEATURES

- ◆ Models Available from 2 to 10 Components up to 15,000 PPH
- ◆ PLC Based Control with Integral Color Touch Screen
- ◆ Loss-In-Weight Technology
- ◆ Vibratory Feeders
- ◆ Static Mixing
- ◆ Integral Vacuum Sequence & Pump Control
- ◆ Optional Gravimetric Extruder Throughput Control

BLENDER CONFIGURATIONS

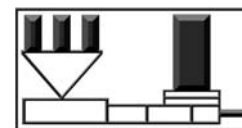
- ◆ Mezzanine Mount Controlled by Proximity Switches Mounted in Existing Material Hopper or Optional Weigh Hopper for Extruder
- ◆ Extruder Mount with Integral Weigh Hopper
- ◆ Stand Mounted for Gaylord Fill or with Optional Take-Off Box
- ◆ Stand Mounted with Integral Eductor to Blow Material to a Remote Extruder Mounted Weigh Hopper



GRAVIMETRIC

THROUGHPUT MONITORING AND CONTROL

- Stand Alone Throughput Monitors Through Multi-Layer Control Systems
- Integration with Blending Systems
- 5 to 15,000 PPH Extruder Mount Throughput Hopper Available
- Integral Surge Hopper with Gate Feed
- Clear View Hoppers for Resin Level Detection
- Drain Ports Available
- PLC Based Controls
- Network Option



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