

WE'RE IN CONTROL

AUTOMATION SYSTEMS for trouble-free drum mix plant control and simple plant operation

Quality product. No excuses.



SYSTEMS Equipment Corp.

(563) 568-6387

www.systemsequipment.com

info@systemsequipment.com

RETROFIT TO COMPLETE TURNKEY UPDATES

Reliability of equipment and simplicity of use across SYSTEMS' product line remains unsurpassed since 1987. Specializing in keeping existing asphalt plants current, SYSTEMS ranges from providing as-needed retrofit control updates to complete turnkey control center packages. Controls and automation manufactured by SYSTEMS Equipment have been interfaced over the years to virtually all asphalt plants regardless of the plant manufacturer. SYSTEMS Equipment prides itself in long-term industry experience and products that work... plain and simple.



WIN-LC3000 Silo Loadout System

- Handles virtually an unlimited number of silos
- Truck, job, customer, mix & ticket files
- Simplified data entry
- Truck scale systems with weigh in/weigh out capabilities
- Silo inventories displayed in graphical form
- NTEP certified, commercial grade scale weight indicators
- Each silo can utilize an independent remote printer or share a printer
- Optional data transfer to home office via Internet or modem
- Windows® environment
- Several add-on options! License plate photo capture, remote ticket printers, ticket signature pad, material temp at time of load, bar-coded delivery data & more!



TSC (Total System Control)

TSC is a plant control system used to start, stop and monitor motors used in plant operation, as well as to manually load from silos, and was designed for universal plant use regardless of motors used and their functions.



Completely configurable to match specific plant needs & capable of utilizing multiple displays (monitors) for adequate space to include all required buttons in plant operation. In addition to standard keyboard/mouse operation, system can be sold with touch-screen monitors to provide the same feel as push-button control console operation. Optionally used for automated quarry operations.

Motors Start/Stop Control

Complete with master start/stop with separate enable for recycle equipment, safety interlocks and auto/manual interlock of the baghouse cleaning system to the asphalt inject. Simple Ethernet communication link to any remotely located MCC. Single-button two-step master start along with recycle system to allow one button hot restarts of all process motors.

Silo Control

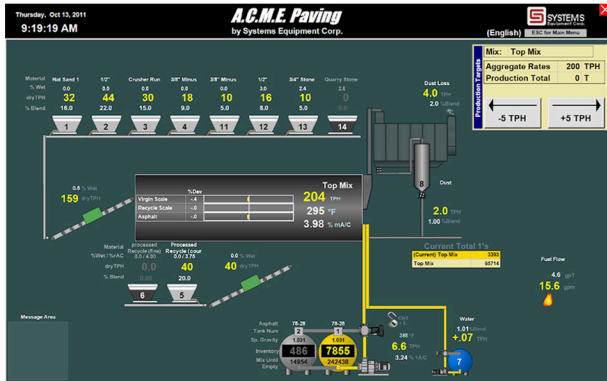
- Expandable from 1 to 12 silos
- Audible alarms and alarm silence button
- Programmable internal batch timer or external timer input
- Momentary batcher open button to allow manual cycling of the batcher independent of the batcher timer
- High, mid and low silo indicator lights
- Interlocks to silo gate that prevent material being drawn from a low silo without deliberate use of low silo bypass switch
- Momentary silo gate operator: silo gate actuation interlocked to low air pressure sensor, low silo/bypass interlock and safety gates
- Slat and transfer motor control and amperage readings

Trouble-Free Drum Mix Control

Reliable Silo Loadout Ticketing

Touch-Screen Plant Operation

Full Product Support



ADP-100 Asphalt Drum Mix Process System

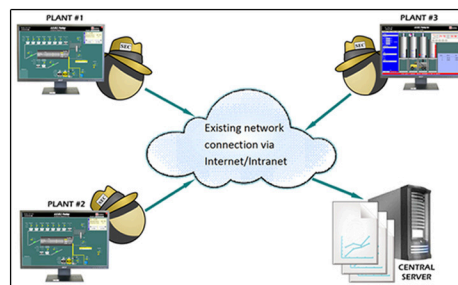
- Available with Text-Based or Graphics-Enhanced User Interface (Graphics package includes Text-Based backup)
- Full-featured process control with virtually unlimited expansion capability
- Direct interface to all styles of drives, feeders, additive controls, meters, and scales
- A proven product—demonstrated reliability with unparalleled stability and accuracy
- Optional plant area network data link
- Manual, assisted, and automatic single and multi-point calibrations
- Data and calibration recordation
- Proprietary integral lightning protection
- Asphalt tank inventory & selection monitor

Request a Quote at (563) 568-6387
or info@systemsequipment.com



AM-1600 Multiple Ammeter Display

- Multiple color-coded ammeter bar graph display
- High-quality flat screen LCD display
- Visual and audible overload and zero shaft-speed alarms with optional interlock/shutdown capability
- Precision display of line voltage and frequency



SEC AGENT Enterprise Data Package

- Synchronization of multiple plant data to a central server location (ADP-GUI add-on)

Nearly three decades in asphalt plant control



Our Engineering & Manufacturing Facilities

Systems Equipment Corporation has been manufacturing a complete line of controls and control-related components for the asphalt and aggregate industries since 1987.

Our staff includes electrical, mechanical, control, and software engineers with a working background in these industries.

Our products are in use worldwide. We sell through dealers, select original equipment manufacturers, and factory direct.

Telephone and on-site service is available direct from the factory or through our network of independent, reputation-based service representatives.



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