



Liquid Additive Systems

Liquid additive systems

are used to inject measured amounts of liquid additives such as anti-strip to asphalt cement prior to the asphalt-mixing process.

Additive systems are required on a variety of projects when conventional asphalt cement must be modified to meet mix design specifications.

Accurate metering and proper point of injection are key elements to meeting project specifications.

CEI Enterprises provides liquid additive systems for all types of asphalt plants, including drum-mix plants, batch plants and portable plants.

Additive systems are comprised of an additive storage tank, heating system, pump, meter and controls.

The tank can be filled by a tote, or a flanged connection for filling by a pump can be supplied. Storage tanks can be supplied fully-insulated to minimize heat loss.



CEI additive systems

are fully-packaged, with all necessary system components mounted on the storage tank.

The tanks are heated by hot oil that flows through coils inside the tank. Electrically-heated tanks are also available.

Heating controls are included to maintain the additive at the proper temperature.

The system incorporates a mass-flow meter for accurate measurement of additive flow. The system can add liquid additives based on a proportional control logic versus production rate and/or asphalt flow rate.

CEI additive systems are available in either stationary or portable design. The systems can be mounted on either portable or stationary asphalt storage tanks.

Options include automated divert valves for batch plants, variable speed drives, and a separate trailer. Temperature-adjusting mass flow meters and volumetric batching canisters are both

available to meet specific project specifications.

Storage volume and component design are tailored to meet applicable local code regulations.



Additive system mounted on a portable asphalt tank.

Specifications are subject to change.

CEI ENTERPRISES, INC. an Astec Industries Company

245 WOODWARD RD, SE • ALBUQUERQUE, NM 87102 USA • 800.545.4034 • FAX 505.243.1422 • ceienterprises.com

