



# WE'RE IN CONTROL

## ASPHALT PUMP SKID AND COMPONENTS

Quality product. No excuses.



SYSTEMS Equipment Corp.

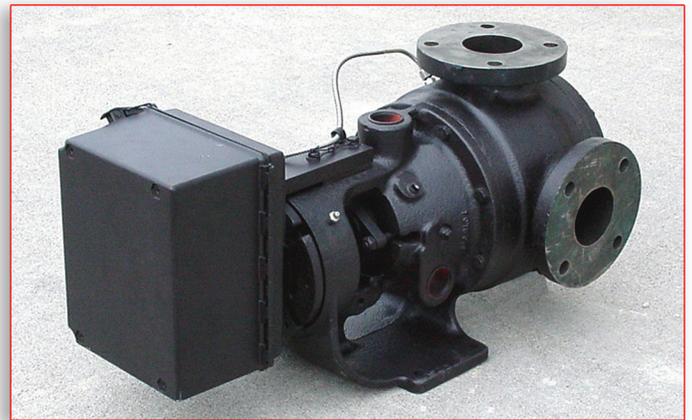
(563) 568-6387

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### Model APS-xxx Asphalt Pump Skid

- Variable speed direct drive volumetric pump skid with drive motor direct-coupled to Viking brand asphalt pump through a suitable gear reduction.
- Pump output directly proportional to pump speed.
- Low-speed operation maximizes component life.
- Available with sensorless vector VFAC or eddy current drive.
- Shown with optional meter, strainer and divert valves.

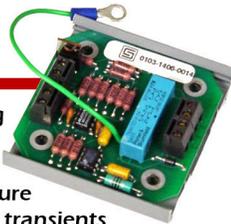


### Model AM-xxx Liquid Asphalt Meter

- Accuracy better than  $\pm 0.25\%$  over a turn-down ratio of greater than 10:1.
- Positive displacement internal tooth rotary meter; only two moving parts.
- Volumetric flow rate not affected by changes in source or delivery pressures, material temperature or viscosity.
- Hot oil jacketed head & bracket.
- Inlet & outlet ports at 90 degrees F.
- Suitable for service to 450 degrees F.
- Adjustable positive lock thrust control for accurate axial positioning & wear compensation.
- Non-contact high frequency pulse signal output useable with 8 to 24 volt excitation.
- Weather-resistant enclosure containing pickup probe & pickup wheel terminal block.

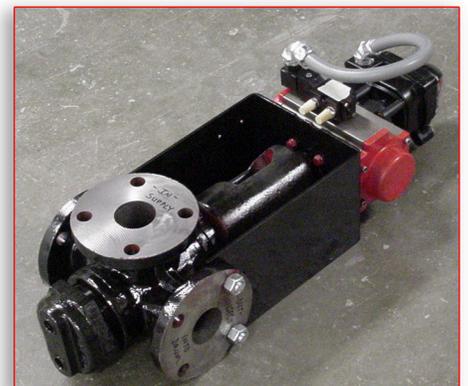
### Optional AM-TS-A

- Temperature sensor & signal conditioning amplifier.
- SYSTEMS proprietary LIGHTNING QUICK DISCONNECT protects both the temperature and meter signals from lightning-induced transients of up to 1500 volts.



### Model ADV-xx Automatic 3-Way Divert Valve

- Hot oil jacketed three-way valve with transflow port pattern to minimize flow-induced pressure spikes during valve transition.
- Double-acting pneumatic rack-and-pinion actuator – no dangerous external moving linkages.
- Actuating solenoid with full travel internal limit switches and visible position indicator.
- No-load operating time of less than 2 seconds for accurate asphalt weighed load calibrations.
- Safe operation possible down to 40 psi supply pressure.



## PUMP SKID AND COMPONENTS

Asphalt pump skid, meter, divert and calibration valves, strainer, control panel and more.



### Model AS200 Universal Liquid Asphalt Strainer

- 200 gpm/48 TPH rating.
- Hot oil jacketed on two sides.
- 10" diameter x 14" high liquid reservoir.
- Supplied with 3", 2.5", or 2" 4-bolt flanges.
- In one side/out the other or out the bottom if assembled to skid.
- Removable steel strainer basket with handle for easy removal. Strainer open area of greater than 16 times that of the area of a 3" pipe.
- 1" pipe fitting in cover for user's manual material thermometer.



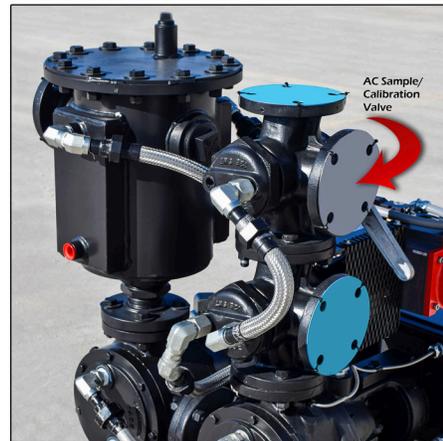
### Optional AC-3800 Manual Asphalt Control

- Auto/Manual selector
- Manual rate control
- Manual Run/Divert control
- Inject indicator
- Volumetric rate meter



### Model ACV-xx Asphalt Calibration/Sample Valve

- Designed to enable user to calibrate or manually obtain AC sample.
- Installed on asphalt pump skid assembly.
- Hot-oil jacketed 3-way plug valve with transflow pattern to minimize flow-induced pressure spikes during valve transition.
- ¼ turn wrench operated (included).



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

## 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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