



KRENDL

#KP1000



LEADERS IN QUALITY ASPHALT MACHINES



Krendl KP1000 Feeder Machine and WMA (Warm Mix Asphalt).

Used for inducing powder material at drum asphalt plants.



FEATURES AND BENEFITS

Mechanical

- Positive displacement blower integrated with a 4" venturi eductor for unsurpassed blowing. Blower produces 340 CFM's of air and 8 p.s.i.
- Easily accessible filter cartridge, coupled with pressure relief and check valve protection, affords an easily maintained high endurance system.
- Large 100 cu. ft. capacity hopper provides adequate storage for bulk packaged material.
- Skid mounted machine and accessories can be quickly prepared for transporting purposes.
- Doors / Wind guards protect "live" weigh area from outside disturbances.
- Low Maintenance.



Electrical

- Nema 4 Electrical Panel box contains an easy to operate control system with full circuit protection for all components.
- Front panel controls are simple to use.
- Warning lights assist operator with equipment during trouble shooting.
- Strategically located kill switches for operator and machine safety.



MC-3 MATERIAL DISPENSING SYSTEM

- Gravimetric rate controller meters material into continuous processes. Feed rate is sensed and corrections are made immediately by controller resulting in consistent high accuracy.
- Microprocessor based, completely digital system, requires very few set-up and calibration procedures.
- Feed rate, flow alarm, weight totalization, hopper weight, run status, and operator prompts are indicated with a high visibility alpha-numeric digital display.
- Feed rate control is available in 4-20 mA or 0-10 VDC analog outputs are standard features along with 0 to 10 VDC computer interface.



MC-3 CONTROLLER SPECIFICATIONS

- Rate Control Mode - system dispenses and maintains a predetermined flow rate of material based on a user defined parameter. The system can manually or automatically refill its hopper while maintaining the current flow rate setting.
- Full system controls for manual.
- NEMA 12 enclosure with front panel digital calibration and configuration.
- Interface to plant computers through analog signals and versatile digital interfaces.

LOAD CELL: Strain gauge type single ended shear beam NTEP class III multiple cell.

- Safe overload, 150% full scale
- Rated excitation, 10VDC
- Hysteresis, 0.02% full scale
- Bridge resistance, 350 ohms nominal
- Tension mounting hardware - better alignment and more forgiving for out of level conditions. Load Cell mounting offers better reflection of vibration and thermal expansion.
- NPT connections with seal-tite® flexible conduit offers water-proofing and mechanical/shielding protection of cells and cables.
- Stainless steel, NEMA 4X load cell junction box.
- Full scale output, 3.0 mV / V
- Nonlinearity, 0.03% full scale
- Temperature compensation range, 0-150° F
- Element material finish, high-alloy tool steel, nickel plated

#KP1000 SPECIFICATIONS

PHYSICAL:

Dimensions: 86" wide x 107" long x 101" high
218 cm. x 272 cm. x 257 cm.

Weight: 5000 lbs./2268 kg.

Hopper Capacity: 100 ft³/ 3 m³
approx. 1200 lbs./546 kg.

Production Rate: 8-40 lbs./min.
3.6-18.1 kg./min.

ELECTRICAL:

480V/3-phase 60 hz. 40 amps
480V/3-phase 60 hz. 60 amps (with Bulk Bag Loader)

Blower: Positive Displacement
340 c.f.m. - 8 p.s.i / 20 H.P.

NOTE: Production Rate varies with plant capacity.