



VSS PMA Blending Plants

Polymer Modified Asphalt

VSS PMA blending plants are designed for rapid and economic dispersion of most polymers in asphalt. VSS technology allows for the production of a 12% concentrate of EVA, EMA, SBS, SBR, Crumb Rubber, PE and waste polymers in one pass on most occasions. VSS polymer technology - included in the price of the plant - allows for formulation with almost all asphalts to local specifications.



PLANT COMPONENTS:

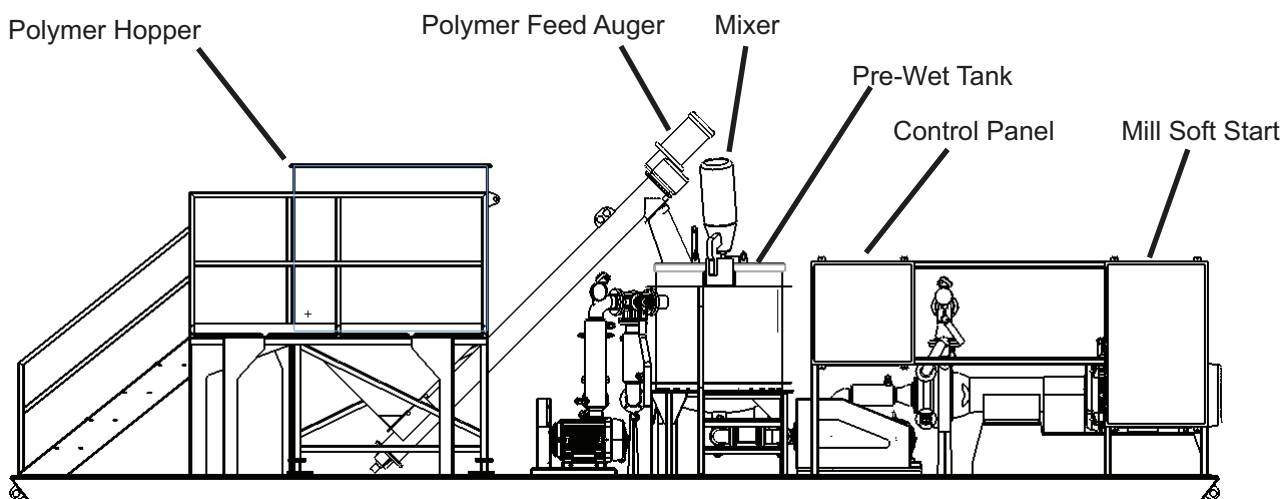
- High-shear, VSS PMA Mill
- Screw feeding of polymer with variable speed
- Jacketed asphalt pump with variable speed drive
- Pumping for oil and additives
- All pumps and valving
- Heat traced lines and insulated pre-wet tank
- Level indicator on pre-wet tank
- Pre-wet tank with dual prop mixer
- Polymer hopper
- Control panel with all on/off, speed controls and instrumentation.
- Mill sizes include 15, 30, 50 TPH
- Compact layout on a heavy duty skid

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PMA PLANT SPECIFICATIONS

| | PMA-15 | PMA-30 | PMA-50 |
|-----------------------|---|--|--|
| Production | 7-15 tonnes/hour 7.7-16.5 tons/hour | 15-30 tonnes/hour 16.5-33.1 tons/hour | 25-50 tonnes/hour 27.6-55.1 tons/hour |
| Polymer Hopper | 1.4 cu. meters | 3.0 cu. meters | 3.0 cu. meters |
| Pre-Wet Tank | 50 cu. ft. 380 liters 100 gallons | 105 cu. ft. 570 liters 150 gallons | 105 cu. ft. 760 liters 200 gallons |



OPTIONS

- Asphalt Flow Measuring System
- Polymer Flow Measuring System
- Oil Additive Injection System - Three sizes available
- PLC Control of Asphalt, Polymer and Oil Injection
- Secondary Polymer Hopper and Feed System
- Bulk Bag Loading System



U.S. and International Patents Pending
VSS reserves the right to make changes
in specifications at any time as part
of our continuing program of product
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