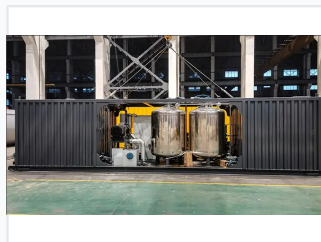


# Bitumen Emulsion Production Plant

This plant produces bitumen emulsion through a precise mixing process, enhancing asphalt performance. It features variable frequency motors for accurate weighing and dosage, along with a colloid mill for stable emulsion production.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Emulsion Production

This bitumen emulsion plant is specialized equipment designed to produce emulsified bitumen by melting bitumen and dispersing fine particles in water. The system is engineered for consistent emulsion quality and high production rates, making it an ideal solution for various road construction and maintenance projects. Its modular, containerized design allows for easy transportation and deployment to different job sites, offering a compact and efficient production solution.

## Applications

### Road Construction Applications

- Prime coat
- Adhesive coat
- Seal coat

### Road Maintenance Applications

- Fog seal
- Slurry seal
- Micro surfacing treatment
- Chip seal
- Ultra thin wearing layer
- Pothole rehabilitation

### Pavement Recycling

Cold in-place recycling

## Technical Features

### Design Type

Containerized • Modular • Self-contained

### Core Components

- Bitumen storage tank
- Emulsifier mixing system
- Automated control panel
- Pumping and metering system
- Stainless steel tanks

### Operational Capabilities

Feature	Benefit
Automated Control	Precise metering of bitumen, water, and emulsifiers
Containerized Design	Easy transport and rapid site installation
Mixing Unit	Ensures stable emulsion and high workability