

MODULARISED EMULSION PLANTS

PRODUCT DESCRIPTION

BME Emulsion Plants are designed to be mobile, robust, and user friendly, making them ideally suited for the mining environment. All plants are divided into two primary systems. Steam generation to provide heat for the process and the production modules, which both generate the base solution from dry raw materials and manufacture the emulsions.

With the Emulsion Plants being modular in design we offer processes with two production outputs; The F1 plant, capable of producing 20T of emulsion in an eight hour shift, or the F3 plant, with a production capability of 40T per shift, which is a F1 plant with additional production and steam generation modules.

Most importantly, while all of our plants have been designed to be easily operated and maintained, they also include all the necessary safety controls to provide an operator friendly work environment.

PRODUCT FEATURES

BENEFITS AND FEATURES

- Proven reliability in remote locations
- Ease of installation in remote sites, as the modules are built into standard size containers to facilitate transport and handling
- Installed equipment protection devices to minimize safety risks

SAFETY FEATURES

- All critical pumps are fitted with an independent electronic pump protection system, which monitors and controls operating pressures and temperatures, thus protecting the system from dead-heading and dry-running scenarios
- All critical pumps are further fitted with mechanical pump protection devices to protect the system from a dead-heading scenario
- The boilers are fitted with all the necessary safety devices to minimise the risk of equipment failure, safety incidents and production losses
- Temperature monitoring systems are installed on the solution preparation tanks
- Emergency stops are situated at critical locations throughout the plant

