

Automatic Bentonite Turbo Mixer/Pump Plant/Station

The GBP series of Automatic Bentonite Turbo Mixer/Pump Plant consists of a steel sheet cylindrical tank, set-up on a strong base frame, the pump and the motor. The muds are mixed through a high speed vortex produced by a special pump which, after sucking the material from the bottom of the tank, sends it back tangentially into the same tank in order to get highest possible efficiency.

Through a time controlled operation of the pneumatic pipe clamp valve of the system, the pump can bring the mud to a storage container or directly to the area of use.

By this process it is possible to obtain homogeneous colloidal and high quality mixtures within a very short period of time.

At the same time, GBP system would be used for the mixing and pumping of the water, cementitious powders, pozzolans and admixtures.

Technical sheet:

Description	Data
model	GBP1000/1600/20HP-E
Dimensions	4300 *2250*2200mm
Weight	2600kg
Mixer	
Tank Capacity	1200L
Output	18-20m3/h
Cyclic Pump	1350L/min
Power	15KW, 50Hz,380V
Rated Rev	1450rpm
Agitator	
Capacity	1600L
Rated Rev.	40rpm
Power	2.2KW, 50Hz,380V
Hose Pump	
Output	20m3/h
Max.Pressure	1.5MPa
Power	18.5kW,50Hz,380V

