

**SAND DISCHARGE SYSTEM AND METHOD FOR LONG DISTANCE
DISCHARGING SAND IN A HIGH SAND-CONTENT MIXTURE**

Abstract

The present invention provides a sand-mortar making module for mixing sand and water to make a sand mortar for long distance transportation, the sand mortar making module comprises a sand and water mixing means having a sand mortar making chamber disposed therein; a water receiving port adapted at one end of the sand and water mixing means for discharging water into the sand mortar making chamber; a sand mortar discharging port adapted at an opposing end of the sand and water mixing means for discharging the sand mortar out from the sand mortar making chamber; and a sand receiving port adapted at a upper side of the sand and water mixing means for receiving sands; and an inclined surface disposed directly beneath the sand receiving port across the sand mortar chamber, wherein the inclined surface inclines towards the sand mortar discharging port.

(FIG 1)