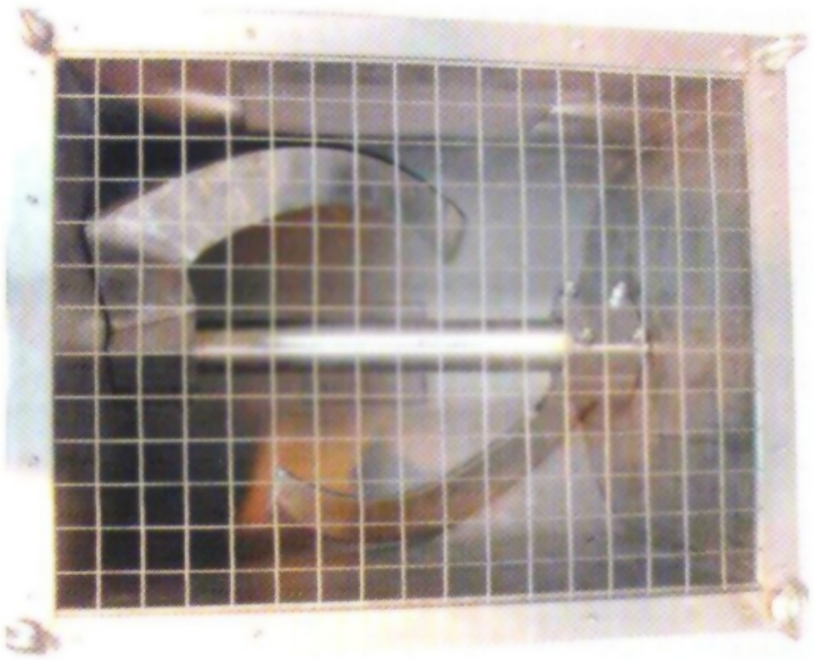
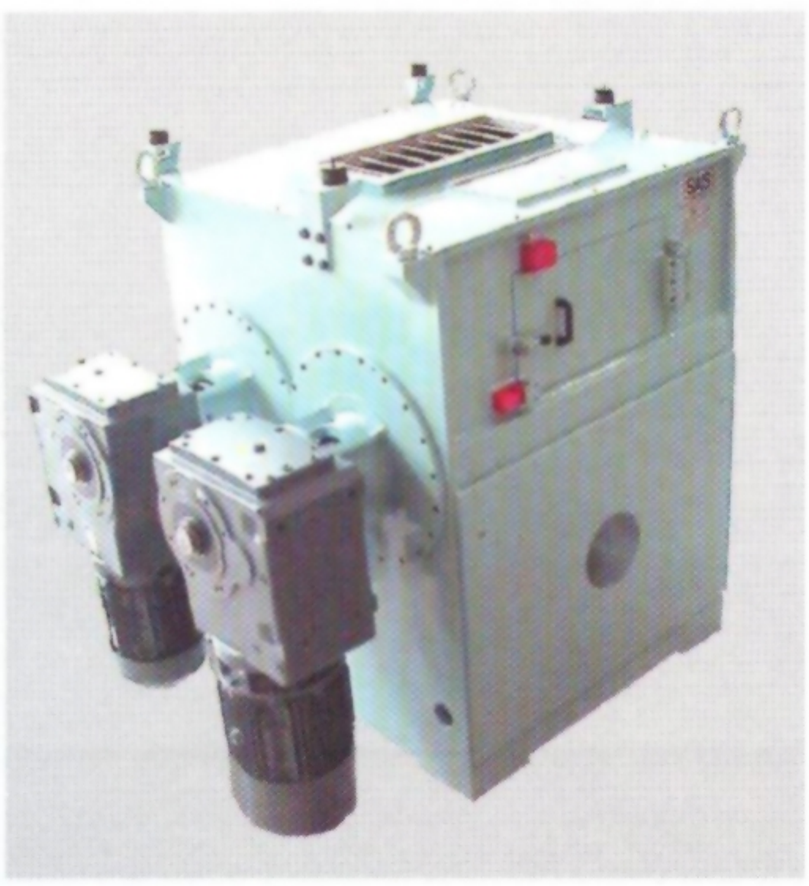
MIXERS



SASMIX
Open Sigma (Z) Mixer
Top View

DSM Double Arm Sigma Mixer
with Tilting Discharge



DSM Double Arm Sigma Mixer

Mixers

"SASMIX" Open Sigma (Z) Mixer

The "SASMIX" mixers (amalgamators) have been designed to mix soap pellets of all types with various liquid and solid additives.

The special open type "Z" shaped mixing blades assure thorough mixing of all the ingredients and permits easy and quick cleaning. A side door is provided for inspection and/or cleaning.

A discharge door actuated by a pneumatic cylinder is placed on the bottom of the tank with interlock microswitches.

The blades holding shaft rotates on self-aligning roller bearings placed on a grease lubricated sealing box.

An electric motor with pulleys, V-belts and a speed reducer with helical gears lubricated in oil bath drive the mixer.

All parts in touch with the product are made of AISI 304 stainless steel.

The machine is provided with safety devices according to the International Regulations in force. We also offer specific local safety requirements as per Customer requirements.

Mixers are usually positioned under weigh scales.

"DSM" Double Arm Sigma Mixer

Intensive or micro mixing is achieved when the pellets are broken up to expose more surface and to allow the ingredients to penetrate inside the pellets.

The DSM mixers are equipped with two massive, tangential counter rotating "Sigma" type blades that can handle all the power required in the process. The blades are machined from AISI 316 Stainless Steel. Other materials are available upon request.

The blades are supported by a set of heavy-duty roller bearings and are driven by separate motor-reducer groups. Two sets of special packing rings for each blade are used to seal off the mixing area from the bearings and the drive groups.

The mixing bowl is jacketed for heating and cooling application and machined to guarantee minimum gap between the blade and the bowl.

The jacket is provided with internal baffles that force the water in a zigzag pattern enhancing heat transfer.

All parts in touch with the product are made of AISI 304 stainless steel.