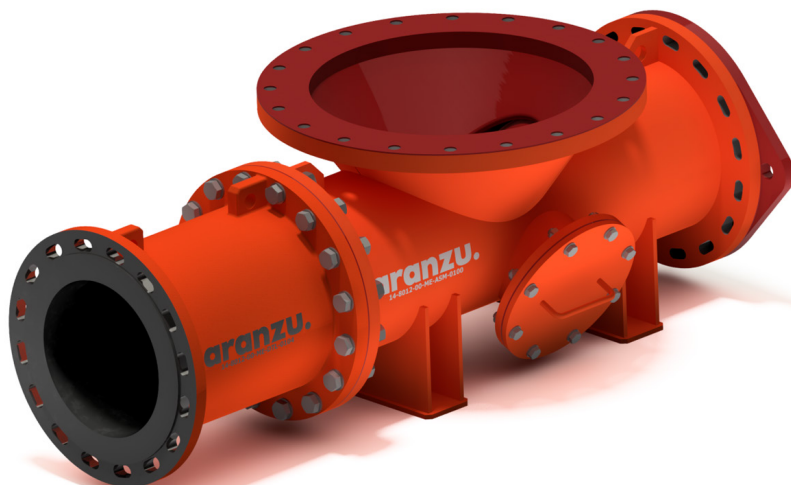




aranzu.

Fluidizer

aranzu provides a range of Fluidizers for conveying slurry and aggregate streams. A Fluidizer is an apparatus used to extract saturated solid or thickened material from a storage device such as a wet bin or thickener.



Design ➔ The Fluidizer operates in a similar manner to a Jet Pump. A high-pressure liquid stream is used to induce a flow rate of solids through the Fluidizer unit. **aranzu** manufacture the Fluidizers from a combination of cast irons and steels to ensure the units that can stand up to any process environment.

Application ➔ The Fluidizers are well suited to controlled extraction of solids from a storage tank or hopper. The Fluidizer negates the requirements for agitators, as the Fluidizer is able to start up under full load conditions without priming or flushing.

Variations ➔ The Fluidizers have two sizes of importance, namely the sizing of the venturi and the sizing of the interface to the process. The venturi sizing is sized for the mass balance requirements of the system and the interface is sized to suite the discharge of the storage device onto which the unit is to be installed. The venturi and interface sizes are available in all standard pipe sizes. The Fluidizer units are custom designed to meet the client's needs.

Custom Requirements ➔ Custom sized Fluidizers are provided on request.

