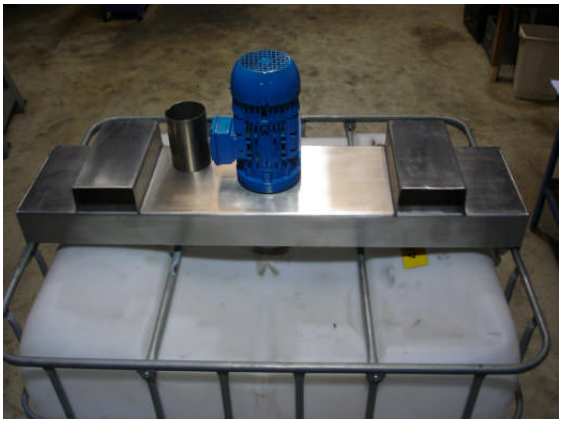
MIXING SOLUTIONS FOR IBC's
from Fluid Solutions (Aust) Pty Ltd.

As a portable and convenient method for fluid mixing in intermediate bulk containers, Fluid Solutions provide the tote tank mixing station.
The equipment is designed for use with "Schutz" 1,000 litre intermediate bulk containers



USED FOR
- LIQUID / LIQUID BLENDING
- DESTRATIFICATION
- SOLID RE-SUSPENSION
- LIQUID HOMOGENISATION
- VESSEL CLEANING

THE EQUIPMENT IS
- COMPLETE (proviso cable & plug)
- ROBUST & DURABLE
- EASY TO USE
- EASY TO MAINTAIN
- AUSTRALIAN MADE
- COMPLETELY PORTABLE

AVAILABLE ON SHORT DELIVERY TIMES WITH CHOICES OF ELECTRIC MOTOR
- 415 VOLT 3 PHASE
- 240 VOLT 1 PHASE

SHAFT & PROPELLER EASILY PASSES THROUGH THE IBC's ACCESS PORT

SPECIFICATIONS

MANUFACTURER: Fluid Solutions (Aust) Pty Ltd

MATERIALS OF CONSTRUCTION
Wetted parts: stainless steel grades 316 and 304 (316 exclusive on request)
Mixer bridge: stainless steel grade 304
Motor & Mixer frame: painted aluminium & cast iron
Motor Rating: 0.75kW or 1.5Kw 1400 rpm, totally enclosed, IP55 protection standard
A slow speed unit, with gearbox and large folding impeller is available for higher viscosities
Weight: 35kg dependent on mixer model and size.

INSTALLATION
The equipment requires a licensed electrical tradesperson to supply and install an electrical cable and plug. A tube for storage of the plug is provided.
The impeller shaft requires to be fitted into the drive head using the Allen key provided.
Installation is now complete

OPERATION
The electrical plug is to be placed into the pocket provided on the top of the unit.
The unit is suitable for use with any 1,000 litre IBC of “Schutz” brand, and which contains low viscosity fluid of 500 litres or more.
As the forklift pockets are dimensionally aligned with the vessel forklift pockets, there is no need to adjust the spacing of the fork lift tynes.
Simply pick up the unit, and transport it to any IBC located in a bunded area.
Unscrew the vessel cap (top centre of vessel) and retain for later use.
Place the propeller over the hole, vertical and central, and lower into position (mixing station bridge in contact with IBC cage at the sides).
Since mixing is complete within minutes, there is no need to remove the forklift.
Connect the electrical plug into an electrical supply, and turn it on.
Within moments, the contents of the vessel are caused to have moderate to strong degree of agitation.
Dependent on the process duty, leave the mixer to operate for a few moments. At the end of the mixing cycle, disconnect the electrical supply, and place the electrical plug into the transport pocket on the mixer bridge.
Lift the unit vertically until the propeller is clear of the vessel.
Replace the cap on the top of the vessel.
Take the mixing station to the next application or storage.

MAINTENANCE
Keep the unit clean. The surfaces of the mixing station are smooth for this purpose.
The unit may be stored on an empty IBC thereby avoiding dismantling, or operated on another IBC containing wash water for cleaning of wetted parts.
Never directly hose the electric motor.
We suggest cleaning of wetted parts can also be made in an IBC containing clean water.