Pluck’s Effluent Stirrers

CLIP-ON STIRRERS

Stirrers for large effluent saucers and sumps

This brochure covers our ESCU and ESCC range of stirrers

- Stirrer attaches to walkway/raft assembly
- Expertly designed for maximum stirring effect
- High efficiency impellor for low power consumption
- Minimal maintenance requirements

High flow - low power design for efficient and economical stirring
Pluck’s effluent stirrers are designed and manufactured to the highest quality standards to give years of reliable service, and are backed by a 24-month Manufacturer’s Warranty.

Why stir effluent?
Stirring will help keep effluent solids in suspension and maintain an aerobic environment. The resulting benefits of stirring include;
- Significantly reduced sludge and crust build-up which prevents loss of storage capacity over time.
- Uniform effluent constituency prevents pump blockages and allows even distribution through irrigation.
- Healthy bacterial activity reduces odour and expedites effluent breakdown for more rapid uptake of nutrients by pasture.

Features of the Clip-on Stirrer;
- Sturdy raft with flotation drum and support leg.
- Efficient inline geared-motor drive assembly.
- Stirrer impellor type to best suit your application.
- Ideally suited for stirring light effluent (solids < 5%).

Benefits of the Pluck’s design;
- Expertly designed for effluent storage and transfer applications.
- High stirring rate with low power consumption – just a few kW!
- Optimised for efficient flow dynamics in your saucer or sump.
- All drive components are above the surface for maximum reliability.
- Very low maintenance - no greasing required!
- Liner friendly - support leg protects the impellor.
- Galvanized raft and support leg for long-term corrosion protection.

Our Clip-on Stirrer models;
- ESCU110 - 1.1kW/3ph drive with impellor for up-flow effect. For stirring large and deep saucers and sumps (depth > 2.5m).
- ESCC300 - 3.0kW/3ph drive with impellor for cross-flow effect. For stirring large but shallow saucers and sumps (depth < 2.5m).
Special models are available for stirring heavy effluent (solids > 5%).
Can be supplied with single-phase motor if 3-phase power is unavailable.

Due to ongoing product development the information given in this brochure is subject to change without notice.