

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.

Contact us for more information

PLUCK'S
ENGINEERING LTD

0800 758 257
www.plucks.nz

32 Bridge St, Rakaia, New Zealand
Tel: (03) 302 7031
Email: sales@plucks.co.nz