

Pluck's Effluent Stirrers

TETHERED STIRRERS

Stirrers for effluent storage ponds and tanks

This brochure covers our ESTU and ESTC range of stirrers



- Tethered free-floating stirrer
- 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 your irrigator.
- Healthy bacterial activity reduces odour and expedites effluent breakdown for more rapid uptake of nutrients by pasture.

Features of the Tethered Stirrer;

- Sturdy raft with flotation pontoons and support legs.
- Efficient inline geared-motor drive assembly.
- Stirrer impellor to best suit your application.
- Ideally suited for stirring light effluent (solids < 5%).



Benefits of the Pluck's design;

- Expertly designed for effluent storage applications.
- High stirring rate with low power consumption - just a few kW!
- Optimized for efficient flow dynamics in your pond or tank.
- All drive components are above the surface for maximum reliability.
- Very low maintenance - No greasing required!
- Liner-friendly support legs protect the impellor.
- Galvanized raft and support legs for long-term corrosion protection.

Our Tethered Stirrer models;

- **ESTU150** – 1.5kW/3ph drive with impellor for up-flow effect.
For stirring deep ponds and tanks (depth > 2.5m).
- **ESTC300** – 3.0kW/3ph drive with impellor for cross-flow effect.
For stirring shallow ponds and tanks (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

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