



GROUNDHOG Slurry Separator

For the efficient separation of Agricultural and Industrial slurries

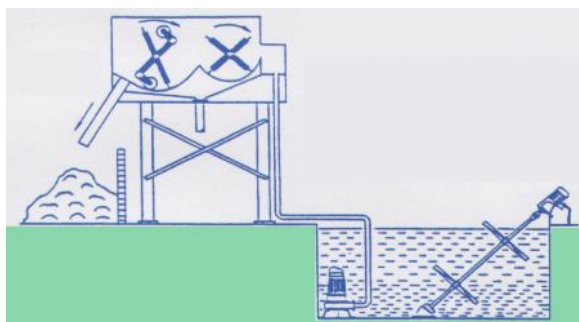
The Groundhog Mechanical Separator produces an easily stackable and valuable fibre, plus a free flowing (fibre free) nutrient rich liquid in an uncomplicated and efficient process. Both factions are suitable for application to land allowing for better nutrient control. The Separator is designed to handle both Cattle and Pig Slurry. The Separator is also suitable in Industrial processes to remove gross solids from effluent.

The Separator operates on a simple two screen principle: After mixing (pit mixer or mixer pump) the liquid slurry is pumped to the Separator inlet weir box, and flows on to the first perforated screen where the separation process begins. The slurry is slowly brushed the full length of the screen to remove most of the liquid before being presented to the second screen where remaining fibre is pressed and brushed the full length of the perforated screen to ensure the maximum amount of liquid is removed



Model 1200 Separator

- Hot dip galvanised body & Crucifix's suitable for all kinds of slurries and liquid
- Simple operation and maintenance
- UK design and manufactured to ISO9001
- Proven technology, manufactured since 1976 to N.I.A.E original design
- G.R.P side and end panels
- Stainless Steel Screens
- 18% – 23% Dry solids content achieved (depending on application)
- Quick change screens with cam-lock system
- Optional stainless steel body/internals



- Extremely low maintenance costs
- Reduced liquid volume to aid storage
- Total system design and training available from fully trained personnel
- Detailed specification to Customer needs including, support steelwork, mixer, pumps, automated controls etc.
- Increased crop growth from separated liquid
- Low power consumption (max 0.75kw)
- 'Super dry' version available – up to 30% dry solids

Typical layout using pit mixer and sub pump

| Model | Liquid Flow* | Solids Capacity | Motor Size | Machine Length | Machine Width | Machine Height |
|-------|----------------------|-----------------------|------------|----------------|---------------|----------------|
| 600 | 26m ³ /Hr | 1.5m ³ /Hr | 0.55 Kw | 3000mm | 1030mm | 1760mm |
| 1200 | 54m ³ /Hr | 3m ³ /Hr | 0.75Kw | 3000mm | 1675mm | 1760mm |

- Dependent upon slurry consistency **Pollution Control** supply a complete range of slurry handling and recycling equipment with systems currently in use throughout the UK and Europe. The range includes pumping equipment and **GROUNDHOG** field distribution systems.

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