

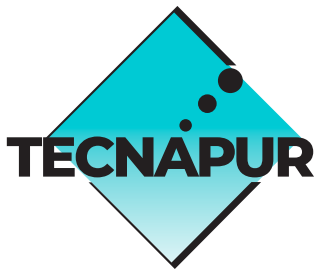
TECNAPUR

HANDLING FARM RESIDUES

SOLID-LIQUID SEPARATOR TECNAPUR TP-01



Obtain benefits with a high quality compost and contribute to environmental sustainability.



SOLID-LIQUID SEPARATOR TECNAPUR TP-01



Efficiently manage animal defecations at your farm.

TECHNICAL ADVANTAGES:

- Actual consumption of less than 0.75 KW/h.
- Can treat both high-density (large amount of solid matter) and high-liquid (little solid matter) slurry.
- Does not need grinder pumps in order to operate.
- Does not need pre-filtering ramps to concentrate liquid slurry with low solid content.
- High-performance separation due to large filtering area.
- Machine performs (the) three basic operations: filtering, double press and scraping in a single system.
- Very high performance liquid-solid separation due to very small area round-hole sieve (rather than triangular mesh sieve with huge surface area).
- No blockage due to adjustable brush cleaning system.
- Because the sieve has round holes, filters most pig hairs that are discharged with the solid fraction.
- Exchangeable stainless steel sieves with option of different hole diameters.
- Scraping and pressing system with plastic finish in contact with sieve.
- No friction between metal parts, which considerably extends the useful life of the sieves in the scraping and pressing system.
- Includes **innovative new Environmental Protection system** for solid retention that withholds ear-tags and other plastics from the pigs in a control tray so that they can then be placed in the controlled waste deposit rather than being spread in the fields.
- The solid fraction obtained without ground plastic can be used for as very high quality compost.
- Inlet volume adjustment system, which is important for adjusting the system to different types of slurry.

TECHNICAL FEATURES:

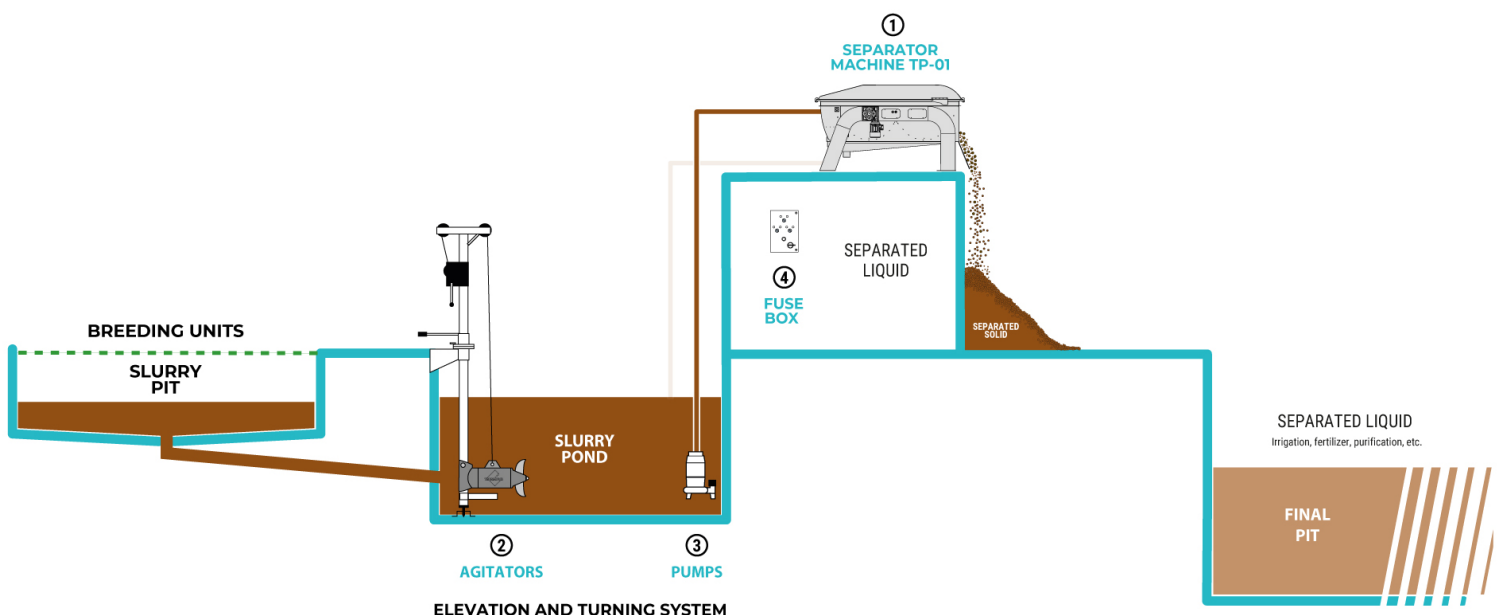
- Automatic operation.
- 1 HP reducing motor at 220/380 V.
- Maximum treatment capacity: 20 m³/h* (*Depending on solids present).
- Depending on use, different filter sieve sizes can be fitted.
- Dimensions: 2.27 m long x 1.218 m wide x 1.30 m high.
- Net weight 340 kg.
- Patented system.
- Made entirely of AISI 304 stainless steel.

LIQUID FRACTION:

- Once the liquid has been separated, there is no odour.
- The liquid can be used for irrigation (sprinkling or dripping after mixing with water) or fertigation depending on composition.
- Reduction of pond volume.
- Can be stored in ponds without scale being formed and improves homogeneity and ease of transport in barrels.
- Can be treated afterwards for dumping into rivers using physical-chemical or biological systems.
- Permits increase in number of animals on farm.

SOLID FRACTION:

- Adjustable double press system to obtain up to 20% dryness of dry matter.
- Highly manageable and easily stored solid fraction.
- Solid fraction is easily recoverable.



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