

ANIMAL WASTE MANAGEMENT SYSTEMS

Animal waste contains many beneficial constituents that, if recycled effectively, can be used as fertilizer for crops, fodder for animals and to produce energy. Animal manure is rich in nitrogen, phosphorus and potassium. In addition to providing supplemental nutrients for crop growth, manure has several beneficial effects on soil properties. Application of organic waste decreases the bulk density of the soil by increasing both the organic fraction of the soil and the stability of aggregates.

Organic wastes also improves water filtration rate, water holding capacity and the hydraulic conductivity of the soil. All these properties of animal waste will be available only if it is carefully managed. If not, it might cause detrimental effects on the environment.

EYS MANURE SCRAPER

Good manure management starts with proper cleaning of the passageways in the cow barn. This can be fully automated without the need for labour. The barn environment and animal health are greatly improved if manure is removed frequently.



EYS MANURE SUBMERSIBLE MIXER

EYS submersible mixers are designed to agitate the manure collected into the reception pit so that the necessary solid-liquid consistency can be achieved and maintained within the pit before the slurry can be pumped efficiently and without any disruption to the flow.



EYS MANURE SEPARATOR

This is designed to mechanically separate the solid and liquid fractions of fibre-rich slurries such as animal manure. EYS Screw separators offer a practical and efficient solution to any manure such as chicken, cattle, pig and goat manure.

EYS MANURE MIX-PUMP

This is a combined pump and mixer providing a cost effective solution. Suitable for pits 2 to 5m deep. Have special knives that cut hard slurries and long fibres in the pump inlet and impeller shaft. Has remote greasing system for easy lubrication maintenance.



EYS MANURE SUBMERSIBLE PUMP

The EYS SUBMERSIBLE PUMP produces high pumping capacity even with the toughest slurries. It has a special cutter knife that cuts the hard slurries and long fibres. It also has a special cast alloy impeller for long life and durability. The motor and pump bearings are sealed to prevent ingress of slurry.



REDUCES WASTE BY UP TO 30%

SOLID SLURRY

1. SELL AS FERTILIZER
2. SPREAD ON YOUR OWN FARM AS FERTILIZER
3. COMFORTABLE BEDDING FOR YOUR CATTLE

LIQUID MATERIAL

1. BIODIGESTER TO GENERATE ELECTRICITY ON YOUR OWN FARM
2. SPREAD ON FARM AS LIQUID FERTILIZER