ISO Solid Liquid Separator 2000×1600×800 mm For Animal Manure

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu,China
- Brand Name: HL
- Certification: CE ISO SGS
- Model Number: HL280-2
- Minimum Order Quantity: 1 Set
- Price: Negotiation
- Packaging Details: Standard Packaging
- Delivery Time: 5 to 7 Working Days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100/Month

Product Specification

- Dimensions: 2000×1600×800 Mm
- Standard Components: The Separator + Pump + PVC Wire Hose + Electrical Control Box Under The Liquid
- Voltage: 380V / 50HZ, Three-phase (can Be Customized)
- Gap Of Filter Mesh: 5.5 KW
- Material Filter Mesh: Stainless Steel
- Weight: 0.3, 0.5, 0.7, 0.75, 1.0mm(can Be Customized)
- Highlight: **cow milking machine parts**, **milking machine spare parts**

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Product Description

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Brief Introduction of Solid-Liquid Separator:

HL200-2 HL280-2 type and screw type extrusion solid-liquid separator, the separator is the use of screw extruder operating mode solid-liquid separation, is a highly efficient continuous operation of separation dewatering equipment. It is widely used in livestock manure, sewage slaughter, lees, potato residue, wood processing enterprises sewage, biogas sludge liquid-liquid separation, dehydration dregs medicine, food industry materials and so on.

Separation is primarily used for cow dung, pig manure, chicken manure, biogas slurry solid-liquid separation, dehydration.
1 Separation isolates can be made into efficient organic fertilizer;
2. Stir in fecal residue isolated grass bran stir, add bacteria fermentation, then granulating can be made into a composite of organic fertilizer;
3. At the same time it can be made into pellets, to feed the fish;
4. For flowers / special economic crop fertilization, it can transform soil organic matter;
5. The sale of organic fertilizer availability of additional economic benefits;

Working Principle and Features of Solid-Liquid Separator:

Sludge pump in manure pits in the original upgrade fecal residue into the solid-liquid separator, and placed in the screen by pressing the spiral at 46 r / min speed dehydration of raw fecal residue will move forward, wherein the dry solid material and machine by opening formed in the cylinder squeeze separated from each other; wherein the slurry is filtered out through a screen plus flow into the conditioning tanks.
1. Lower raw manure wastewater CODcr subsequent content;
2. The solid material after separation contains up to 50% dry matter;
3. Low energy consumption, low investment, high efficiency;
4. Compact structure, the spindle and the screen is made of stainless steel;
5. Easy operation and maintenance;

Processing Efficiency of Solid-Liquid Separator:

Efficiency solid-liquid separator and the original manure waste storage time, dry matter content, viscosity and other factors of the original manure has to pay an average processing efficiency
1. Cow dung water is bout 10-15 cubic meters per hour;
2. Pig dung water is about about 15-20 cubic meters per hour;
3. Chicken dung water is about 7 cubic meters per hour;
4. Slaughterhouse water is about 10-12 cubic meters per hour;
5. Biogas slurry water is about 10-15 cubic meters per hour;

Technical Parameters of Solid-Liquid Separator:

Model	HL200-2
Processing capacity	3 CBM to 7 CBM
Processing moisture content rate of solids	50%
Power	5.5 KW
Material Filter Mesh	Stainless Steel
Gap of Filter Mesh	0.3, 0.5, 0.7, 0.75, 1.0mm(can be customized)
Blade	Stainless steel blade, blade wings specially reinforced to prevent wear and tear
Voltage	380V / 50HZ, three-phase (can be customized)
Standard Components	the separator + pump + PVC wire hose + electrical control box under the liquid
Dimensions	1800×1500×800 mm

Precautions of Solid-Liquid Separator:

1. It can be installed in the livestock pits of cement aerodromes, ground the required level;
2. Feeding work finished by a sludge cutting pump, the user should prepare the bracket for adjusting the pump up and down ;
3. The extrusion waste water flow into the waste water tank;
4. The extruded solid-liquid separator is mobile, without fixed installation;
5. Size of livestock pits resolved by the user, the water depth must not be over 2.5 m;

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