

## GHS0217PT 500gallon mechanical agitated hydroseeder

### 1. Description

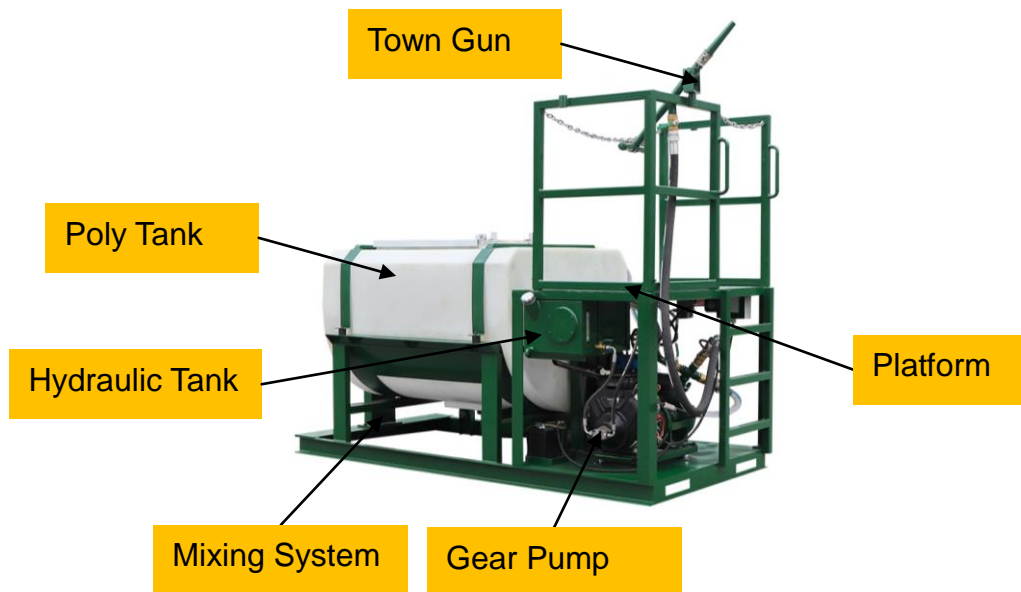
GHS0217PT mechanical-agitated hydroseeder is an ideal machine for those who need to spray difficult materials and heavy slurries. It is a unit that combines the best features of both jet and mechanical hydroseeders. The aggressive paddle agitation allows you to load full bales without the need to break them up and allows quick mixing of thick slurries of hydro seeding material.

GHS0217PT mechanical-agitated hydroseeder has an engine design of a 23 H. P. BRIGGS STRATTON gasoline engine made in the USA that is directly coupled to a 3" X 1.5" high volume, high pressure centrifugal pump and oil gear pump that drives an aggressive mixing paddle. The platform and tower gun are standard equipment. Standard equipment includes 60m of DN32 hose with free flow couplings mounted on hose holders on the side of the tank. It also includes three nozzles ( 1 wide hydro seeding nozzle, 1 straight distance nozzle, and 1 trim nozzle). The spray distance of the tower gun is approximately 28m.

The high pressure centrifugal pump is capable of operating the unit independently as an agitator(self-circulation) and machine. A gear pump relies on the hydraulic system to drive the paddles to rotate. This drive is very simple and reliable and easy to service if there ever is a problem.

The polyethylene used in the tank ensures that hydroseeder does not rust. GHS0217PT mechanical-agitated hydroseeder is designed so that the rugged poly tank serves only as a carrier for the slurry. Besides, the bearings and agitator shaft are supported completely by heavy structural steel supports. There is no stress whatsoever on the tank and the entire mixing system would run without the tank even being present. This mixing system is made to last and to have the lowest maintenance requirements of any unit on the market.

## 2. Features



### ◆ Poly tank

Only as a carrier for fluid, fast clean up, never rust.

### ◆ Power unit

BRIGGS STRATTON 23 hp made in the USA with electric start.

The electromagnetic clutch controls the action of the centrifugal pump.

Provide power to the hydraulic system.

### ◆ Paddles( reliable and more uniform)

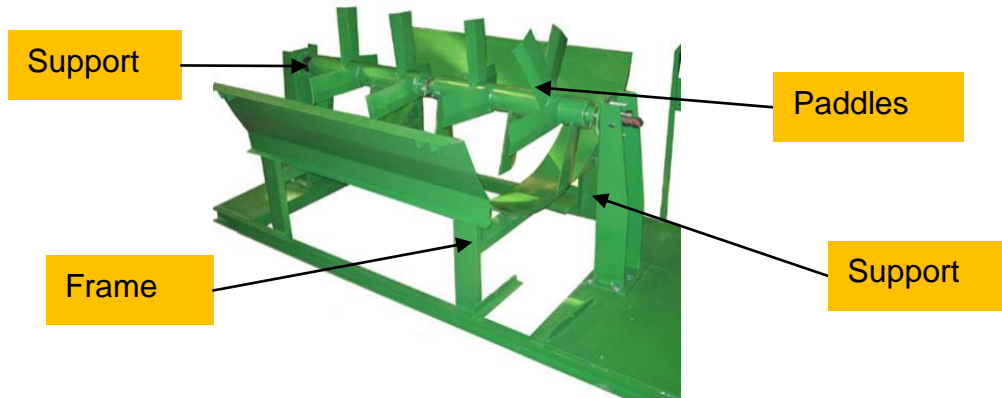
Hydraulic motor drives paddles to achieve positive and negative mixing, which is more conducive to material mixing and elimination.

Paddles are supported completely by a heavy steel frame and put stress on the tank.

Paddle agitation quickly mixes a lot of materials.

No need to break the seeder up.

Jets are equipped with a quick coupler for easy service in the unlikely event of a problem.



◆ 3" X 1.5" centrifugal pump

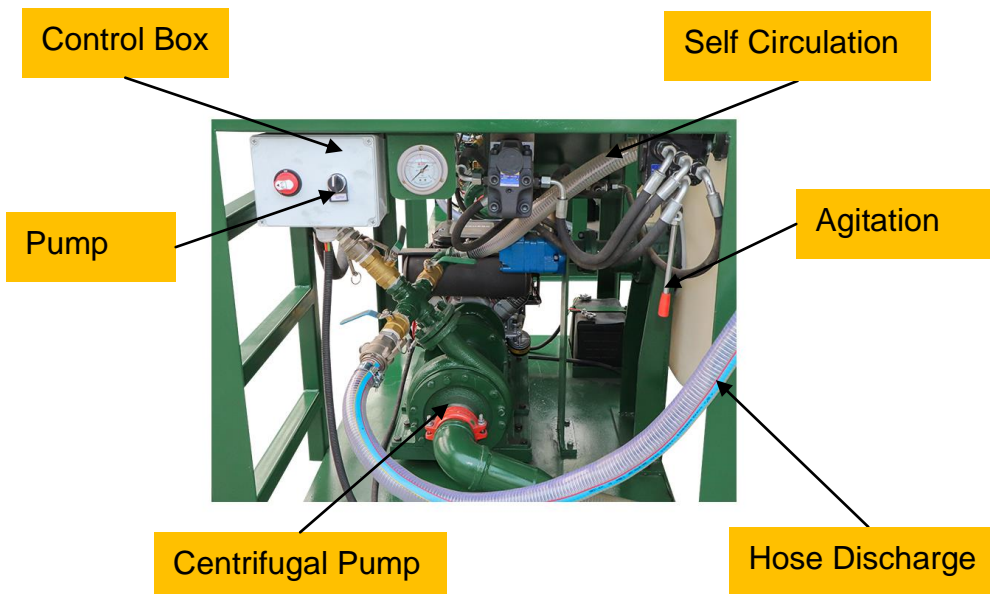
Electromagnetic clutch control centrifugal pump.

Outlet 3 pipelines: town gun, self circulation, DN32 hose.

Fully mixed materials by self circulation system.

Long injection distance, high efficiency and high factor of safety.

Easy and convenient maintenance and replacement of vulnerable parts.



◆ Hose discharge

Hose is light weight and easy to handle.

Jets are equipped with a quick coupler for easy service in the unlikely event of a problem.

A quick disconnect for the discharge hose, and a bale tray for easy loading.

◆ Control system (safe, and easy to operate)

Hydraulic control system.

Electrical control system.

One button for the pump, one lever for the paddles.

3. Technology Sheet

<b>Specification:</b>			
1. Poly tank means fast cleaning up, never deal with tank rust. 2. Paddles are supported completely by a heavy steel frame and put stress on the tank. 3. Positive and negative hydro motors will mix thick slurries of difficult materials. 4. Load full bales of hydro-seeding mulch. No need to break the seeder up. 5. The distance to spray a load from the tower is up to 28m. 6. Simple to operate.			
<b>Model</b>		<b>GHS0217PT Mechanical-agitated Hydroseeder</b>	
Volume	2m <sup>3</sup>	Material of a tank	Polyethylene
Agitated speed	0-120r/min	Material of frame	Steel
Engine		23 hp gasoline engine with electric start	
Passage section of pump		3" X 1.5" centrifugal pump	
Capacity of pump	120 m <sup>3</sup> /h	Coverage	620 m <sup>2</sup> /tank
Hose length	20m	Empty weight	1180kg
Loaded weight	2810kg	Overall Size(LXWXH)	2920×1630×2290mm
Data: 1. All data are tested by water. 2. We can customize products according to your requirements.			

#### 4. Machine Pictures Gallery





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