

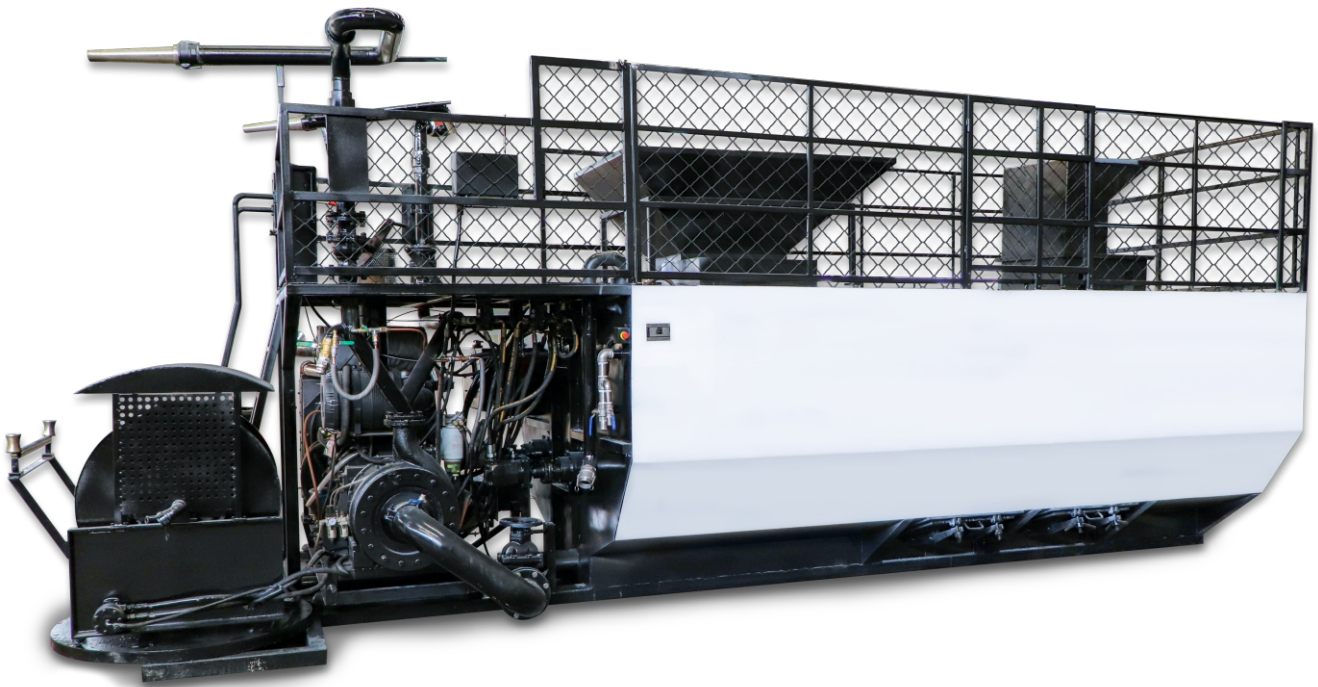


GAODETEC

Hydroseeding Equipment

We full strive for shared NORMS and VALUES:

- Safety and Stringent quality control
- Maneuverability and Operator comfort
- Reliability
- Technical sophistication & after-sales full support



GAODE EQUIPMENT CO., LTD.

COMPANY PROFILE

Gaode Equipment Co.,Ltd. short name Gaodetec, is a manufacturer specialized in R&D, manufacturer and sale of hydroseeding machine.

GHS series hydroseeding machine is driven by diesel engine, tank capacity has 1000L, 1200L, 2000L, 3000L, 4500L, 6000L, 8000L, 10000L, 13000L and 15000L tank capacity for option. They are with an exclusive pump to handle the thickest slurries.

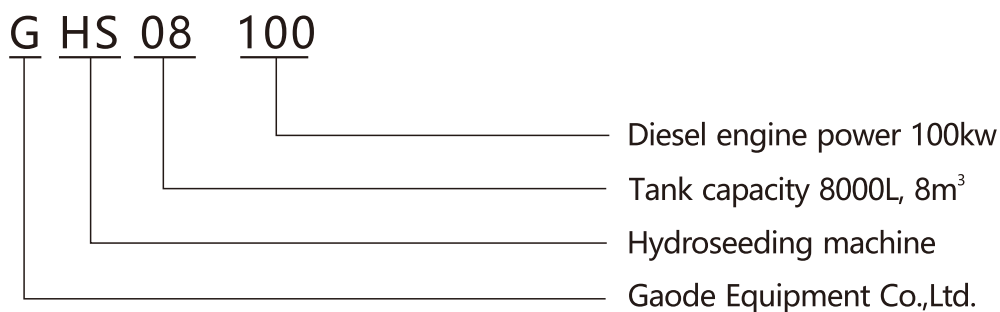
Compared with other hydroseeders, GHS hydroseeding machine with following outstanding features:

- **Powerful diesel engine:** Cummins or Yuchai etc. famous brand diesel or gasoline engine. Powerful, low fuel consumption, low maintenance cost. Powerful engine, ensure an evenly mixing and also improves the spraying efficiency.
- **Powerful mixing shaft:** Strong mixer one or twin shaft, also suitable for thick material.
- **High configurations:** bigger hydroseeders with twin agitators, twin cannons etc.
- **High production:** Wear-resisting centrifugal pump, most efficient during working.
- **High density material:** Soil substrate, green grass seed, water retention agent, binder, fertilizer and water. The solids could up to 60%.
- **Long distance of spraying:** suitable for long and high spraying distance. Solids up to 60%, level distance could up to 100m by hose.
- **Hydraulic hose reel:** customize according to demands.
- **Extreme Efficiency:** Simple control panel, easy operation.
- **High quality structural steel:** More durable, a longer working life. Also have stainless steel tank and pipeline for option.

GHS hydroseeding machine is ideal equipment for ground & soil management, could be used for:

Seeding	Golf courses	Mine and oilfield reclamation
Erosion control	Turf	Fire suppression
Dust control	Land restoration	Forest fire recovery
Landfill cover	Roadside construction	Remote Watering
Landscaping	Pipelines	Fertilizing

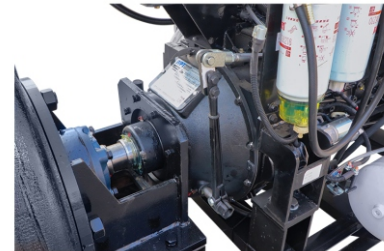
MODEL DEFINITION



GHS15190 Hydroseeder

GHS15190 is a new, big capacity, wide applicability, simple operation and maintenance hydroseeder.

- More horsepower with high efficiency: 190kw Cummins diesel engine, Industrial grade Air-controlled large torque clutch;
- Specially design centrifugal pump: 6"x3", capacity 120m³/h;
- Spraying distance of up to 85m from cannon;
- Dual cannons design for spraying on both sides of the machine for hard-to reach areas;
- Swivelable hydraulic hose reel with reel in and reel out functionality;
- Twin mechanical agitators with helical paddle orientation and liquid recirculation;
- Removable hoppers for mulch hatch and normal fill well;
- Centralized electronic control to improve work efficiency;
- Wireless remote control make operate more easily during work.

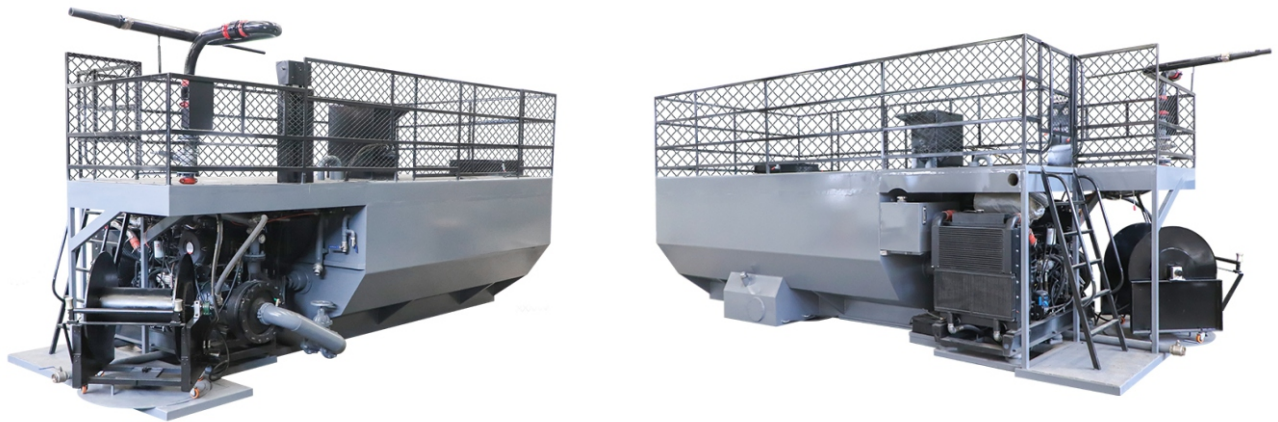


Model	GHS15190	
Power	190KW, Cummins engine, water-cooled	
Tank Size	Liquid capacity: 15000L(4000Gallon)	Working capacity: 13500L(3560Gallon)
Pump	Centrifugal pump:6"x3" (15.2X7.6cm), 120m ³ /h@14bar, 32mm solid clearance	
Agitation	Twin mechanical agitators with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-130rpm	
Maximum horizontal conveying distance	85m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	7200x2500x2915mm	
Weight	8500kg	
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit	

GHS13190 Hydroseeder

GHS13190 is a new, big capacity, wide applicability, simple operation and maintenance hydroseeder.

- More horsepower with high efficiency: 190kw Cummins diesel engine, Industrial grade Air-controlled large torque clutch;
- Specially design centrifugal pump: 6"x3", capacity 120m³/h;
- Spraying distance of up to 85m from cannon;
- Dual cannons design for spraying on both sides of the machine for hard-to reach areas;
- Swivelable hydraulic hose reel with reel in and reel out functionality;
- Twin mechanical agitators with helical paddle orientation and liquid recirculation;
- Removable hoppers for mulch hatch and normal fill well;
- Centralized electronic control to improve work efficiency;
- Wireless remote control make operate more easily during work.



Model	GHS13190	
	190KW, Cummins engine, water-cooled	
Tank Size	Liquid capacity: 13000L(3450Gallon)	Working capacity: 11700L(3100Gallon)
Power	Centrifugal pump:6"x3" (15.2X7.6cm), 120m ³ /h@14bar, 32mm solid clearance	
Pump Agitation	Twin mechanical agitators with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-130rpm	
Maximum horizontal conveying distance	85m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	7200x2500x2915mm	
Weight	8000kg	
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit	

GHS10120 Hydroseeder

GHS10120 is a new, big capacity, wide applicability, simple operation and maintenance hydroseeder.

- More horsepower with high efficiency: 120kw Cummins diesel engine, Industrial grade Air-controlled large torque clutch;
- Specially design centrifugal pump: 5"x2.5", capacity 90m³/h;
- Spraying distance of up to 70m from cannon;
- Hydraulic hose reel with reel in and reel out functionality;
- Twin mechanical agitators with helical paddle orientation and liquid recirculation;
- Removable hoppers for mulch hatch and normal fill well;
- Centralized electronic control to improve work efficiency;
- Wireless remote control make operate more easily during work.



Model	GHS10120	
Power	120KW, Cummins engine, water-cooled	
Tank Size	Liquid capacity: 10000L(2640Gallon)	Working capacity: 8950L(2360Gallon)
Pump	Centrifugal pump:5"x2.5" (12.7X6.4cm), 90m ³ /h@11bar, 25mm solid clearance	
Agitation	Twin mechanical agitators with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	70m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	6750x2200x2510mm	
Weight	5500kg	
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit	

GHS08100 and GHS06100 Hydroseeder

GHS08100 and GHS06100 are designed for mid to larger-sized hydroseeding projects. From large residential and commercial properties, highway roadsides, industrial parks, sports fields, mine reclamation sites and more, the two types are an economical choice for performance and production.

- More horsepower with high efficiency: 104kw Cummins diesel engine, Industrial grade Air-controlled large torque clutch;
- With engine protection door and ventilation;
- Specially design centrifugal pump: 5"x2.5", capacity 100m³/h;
- Spraying distance of up to 70m from cannon;
- Hydraulic hose reel with reel in and reel out functionality;
- Agitator with helical paddle orientation and liquid recirculation;
- With ground level control box with start and stop controls;
- With emergency stop button on top and ground level to shutdown engine in emergency;
- With 100L clean water flush tank.



Model	GHS08100	GHS06100
Power	100KW, Cummins engine, water-cooled	
Tank Size	Liquid capacity: 8000L(2100Gallon) Working capacity: 7300L(1930Gallon)	Liquid capacity: 6000L(1600Gallon) Working capacity: 5500L(1450Gallon)
Pump	Centrifugal pump:5"x2.5" (12.6X7.6cm), 100m ³ /h@11bar, 25mm solid clearance	
Agitation	Mechanical agitator with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	70m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	5800x2100x2750mm	
Weight	5000kg	4500kg
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit	

GHS08100A and GHS06100A Hydroseeder

GHS08100A hydroseeder is the most robust member of our hydroseeder family designed to meet the needs of middle-scale jobsites and demanding seeding applications. This unit has the power and output capacity to handle middle size mine reclamation, highways, and commercial sites with new conveniences, greater versatility and increased operator efficiencies.

- Air controlled clutch, high safety factor and long service life.
- Mechanical paddle agitator, convenient to use, high transmission efficiency, easy maintenance.
- Diesel engine drive, low fuel consumption, convenient operation and easy maintenance.
- 360° degree freely rotating universal nozzle, long nozzle, short nozzle and fan-shaped nozzles, convenient to exchange according to different working surfaces.
- Hydraulic driven hose reel with 60 meters hose capacity.
- Special designed slurry centrifugal pump, spraying distance up to 70m.



Model	GHS08100A	GHS06100A
Power	103KW Yuchai engine, water-cooled	
Tank Size	Liquid capacity: 8000L(2100Gallon) Working capacity: 7300L(1930Gallon)	Liquid capacity: 6000L(1600Gallon) Working capacity: 5500L(1450Gallon)
Pump	Centrifugal pump:5"x2.5" (12.7X6.4cm), 100m³/h@ 11bar, 1" (25mm) solid clearance	
Pump drive	In-line coupled to air-controlled over-center clutch, pump drive is independent of agitator operation	
Agitation	Mechanical paddle agitators and liquid recirculation	
Agitator drive	Reversible, variable speed hydraulic motor drive (0-110rpm)	
Discharge distance	Up to 70m (230ft) from discharge tower	
Hose reel	Hydraulic driven with reversible, variable speed	
Dimensions	5875x2150x2750mm	
Weight	4850kg	4550kg
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit	

GHS08118 and GH06118 Full Hydraulic Hydroseeder

- GHS06118 and GHS08118 is full hydraulic driven hydroseeder machine, driven by two sets of diesel engine.
- Powerful diesel engine. 37kw engine for mixing work, 118KW Yuchai brand diesel engine for spraying work. Powerful, low fuel consumption, low maintenance cost. Powerful engine, ensure an evenly mixing and also improves the spraying efficiency.
 - Powerful mixing shaft. also suitable for thick material.
 - High production, big value. Wear-resisting centrifugal pump, most efficient during working.
 - High density material. Soil substrate, green grass seed, water retention agent, binder, fertilizer and water. The solids could up to 80%.
 - Long distance of transportation, suitable for long and high spraying distance. level distance could up to 100m by hose.
 - Extreme Efficiency. Simple control panel, operator convenience
 - High quality structural steel. More durable, a longer working life.
 - Double Nozzle for option, Left and right double nozzle, bilateral slope does not have to turn around, also can be sprayed at the same time



Double Nozzle Hydroseeder



Single Nozzle Hydroseeder

Model	GHS08118	GHS06118
Power	Pumping diesel engine power: 118KW, Chinese Yuchai engine Mixing diesel engine power: 37KW	
Tank Size	Liquid capacity: 8000L(2100Gallon) Working capacity: 7300L(1930Gallon)	Liquid capacity: 6000L(1600Gallon) Working capacity: 5500L(1450Gallon)
Pump	Output: 105m ³ /h, Exit pressure: 1.05Mpa, Materials rate: 60%, transfer method: closed type hydraulic	
Agitation	Hydraulic infinitely variable, blades mixing and circular jet mixing	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	5200x2100x2600mm	
Options	Double Nozzle for option	

GHS0883 and GHS0683 Hydroseeder

GHS0883 and GHS0683 are designed for mid to larger-sized hydroseeding projects. From large residential and commercial properties, highway roadsides, industrial parks, sports fields, mine reclamation sites and more, the two types are an economical choice for performance and production.

- 83kw China brand diesel engine, electromagnetic clutch;
- Specially design centrifugal pump: 5"x2.5", capacity 80m³/h;
- Spraying distance of up to 65m from cannon;
- Agitator with helical paddle orientation and liquid recirculation.



Model	GHS0883	GHS0683
Power	83KW, China Huafeng diesel engine, water-cooled	
Tank Size	Liquid capacity: 8000L(2100Gallon) Working capacity: 7300L(1930Gallon)	Liquid capacity: 6000L(1600Gallon) Working capacity: 5500L(1450Gallon)
Pump	Centrifugal pump:5"x2.5" (12.6X6.3cm), 90m ³ /h@10bar, 20mm solid clearance	
Agitation	Mechanical agitator with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	65m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	5800x2150x2750mm	
Weight	5000kg	4500kg
Options	Stainless steel material for whole unit Remote control unit	Hose Reel with hose Trailer

GHS0551 Hydroseeder

GHS0551 is a new, wide applicability, simple operation and maintenance hydroseeder.

- More horsepower with high efficiency: 51kw Cummins diesel engine, Industrial grade Air-controlled large torque clutch;
- Specially design centrifugal pump: 4"x2", capacity 73m³/h;
- Spraying distance of up to 60m from cannon;
- Hydraulic hose reel with reel in and reel out functionality;
- Twin mechanical agitators with helical paddle orientation and liquid recirculation;
- Removable hoppers for mulch hatch and normal fill well;
- Centralized electronic control to improve work efficiency;
- Wireless remote control make operate more easily during work.



Model	
Power	51KW, Cummins engine, water-cooled
Tank Size	Liquid capacity: 5000L(1320Gallon) Working capacity: 3830L(1010Gallon)
Pump	Centrifugal pump:4"x2" (10.2X5cm), 73m ³ /h@7bar, 20mm solid clearance
Agitation	Mechanical agitators with helical paddle orientation and liquid recirculation
Rotating speed of mixer shaft	0-110rpm
Maximum horizontal conveying distance	
Spraying guns type	Fixed standing gun and pipe gun
Height of fence	1100mm
Dimensions	4800x2200x2550mm
Weight	3350kg
Options	Stainless steel material for whole unit Hose Reel with hose Remote control unit

GHS0353 Hydroseeder

GHS0353 is one mid-size hydroseeding machine what used for large residential and commercial projects, apartment, office building, industrial parks and more other efficient, cost effective and profitable applications.

- 53kw China brand diesel engine, water-cooled;
- Specially design centrifugal pump: 4"x2", capacity 70m³/h;
- Spraying distance of up to 60m from cannon;
- With hydraulic hose reel with reel in and reel out functionality;
- Agitator with helical paddle orientation and liquid recirculation.



Model	GHS0353	
Power	53KW, China Yuchai diesel engine, water-cooled	
Tank Size	Liquid capacity: 3000L(800Gallon) Working capacity: 2550L(670Gallon)	
Pump	Centrifugal pump:4"x2" (10X5cm), 70m ³ /h@7bar, 20mm solid clearance	
Agitation	Mechanical agitator with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	60m	
Spraying guns type	Fixed standing gun and pipe gun	
Height of fence	1100mm	
Dimensions	3350x2030x2600mm 4800x2100x2900mm with trailer	
Weight	2950kgs/3500kgs with trailer	
Options	Stainless steel material for whole unit Remote control unit	Hose Reel with hose Trailer

GHS0217 Hydroseeder

GHS0217 is one hydroseeding machine for small to mid-size hydroseeding projects on residential and commercial projects, sports fields, apartment and office buildings, golf courses, parks and more other efficient, cost effective and profitable applications.

- 17kw Briggs & Stratton gasoline engine, air cooled;
- Specially design centrifugal pump: 3"x1.5", capacity 15m³/h;
- Spraying distance of up to 35m from cannon;
- With hydraulic hose reel;
- Agitator with helical paddle orientation and liquid recirculation.

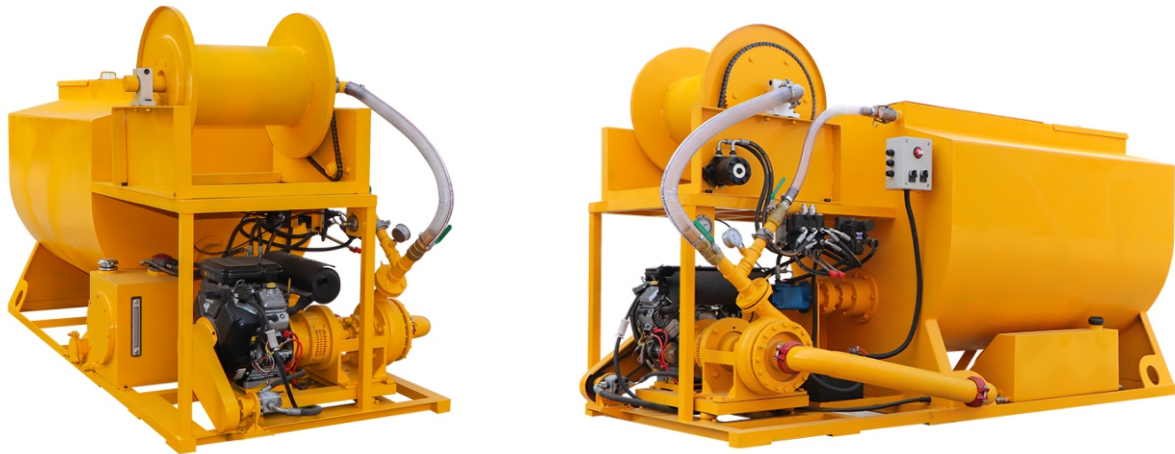


Model	GHS0217	
Power	17kw Briggs & Stratton gasoline engine, air cooled	
Tank Size	Liquid capacity: 2000L(530Gallon) Working capacity: 1700L(450Gallon)	
Pump	Centrifugal pump:3"x1.5" (7.5X3.75cm), 15m ³ /h@5bar, 19mm solid clearance	
Agitation	Mechanical agitator with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	35m	
Spraying guns type	Fixed standing gun and pipe gun	
Dimensions	3500x1750x2420 (1900)mm	
Weight	1600kg	
Options	Stainless steel material for whole unit Remote control unit	Hose Reel with hose Trailer

GHS0117 Hydroseeder

GHS0117 is one hydroseeding machine for small to mid-size hydroseeding projects on residential and commercial projects, sports fields, apartment and office buildings, golf courses, parks and more other efficient, cost effective and profitable applications.

- 17kw Briggs & Stratton gasoline engine, air cooled;
- Specially design centrifugal pump: 3"x1.5", capacity 15m³/h;
- Spraying distance of up to 26m from cannon;
- With hydraulic hose reel;
- Agitator with helical paddle orientation and liquid recirculation.



Model	GHS0117	
Power	17kw Briggs & Stratton gasoline engine, air cooled	
Tank Size	Liquid capacity: 1200L(317Gallon) Working capacity: 1000L(264Gallon)	
Pump	Centrifugal pump:3"x1.5" (7.5X3.75cm), 15m ³ /h@5bar, 19mm solid clearance	
Agitation	Mechanical agitator with helical paddle orientation and liquid recirculation	
Rotating speed of mixer shaft	0-110rpm	
Maximum horizontal conveying distance	26m	
Spraying guns type	Hose gun	
Dimensions	2600x1340x1515mm	
Weight	1320kg	
Options	Stainless steel material for whole unit Remote control unit	Hose Reel with hose Trailer

Model	Power	Tank Size	Centrifugal pump	Agitation	Maximum horizontal conveying distance	Dimensions	Weight
GHS15190	190KW, Cummins engine, water-cooled	Liquid capacity: 15000L Working capacity: 13500L	6"x3" (15.2X7.6cm), 120m³/h@14bar, 32mm solid clearance	Twin mechanical agitators with helical paddle orientation and liquid recirculation Rotating speed: 0-130rpm	85m	7200x2500x2915mm	8500kg
		Liquid capacity: 13000L Working capacity: 11700L					
GHS13190					85m	7200x2500x2915mm	8000kg
GHS10120	120KW, Cummins engine, water-cooled	Liquid capacity: 10000L Working capacity: 8950L	5"x2.5" (12.7X6.4cm), 90m³/h@11bar, 25mm solid clearance	Twin mechanical agitators with helical paddle orientation and liquid recirculation Rotating speed: 0-110rpm	70m	6750x2200x2510mm	5500kg
GHS08100A/ GHS06100A	103KW, Yuchai engine, water-cooled	Liquid capacity: 8000L/6000L Working capacity: 7300L/5500L	5"x2-1/2" (12.7X6.4cm), 100m³/h@11bar, 25mm solid clearance	Mechanical agitator with helical paddle orientation and liquid recirculation Rotating speed: 0-130rpm	70m	5875x2150x2750mm	4850kg
GHS08100/ GHS06100	100KW, Cummins engine, water-cooled	Liquid capacity: 8000L/6000L Working capacity: 7300L/5500L	5"x2.5" (12.6X7.6cm), 100m³/h@11bar, 20mm solid clearance		70m	5800x2100x2750mm	5000kg
GHS0883/ GHS0683	83KW, China Huafeng engine, water-cooled	Liquid capacity: 8000L/6000L Working capacity: 7300L/5500L	5"x2.5" (12.6X6.3cm), 90m³/h@10bar, 20mm solid clearance		60m	4800x2200x2550mm	3350kg
GHS0551	51KW, Cummins engine, water-cooled	Liquid capacity: 5000L Working capacity: 3830L	4"x2" (10.2X5cm), 73m³/h@7bar, 20mm solid clearance	Mechanical agitator with helical paddle orientation and liquid recirculation Rotating speed: 0-110rpm	60m	3350x2030x2600mm	2950kg
GHS0353	53KW, Yuchai engine, water-cooled	Liquid capacity: 3000L Working capacity: 2550L	4"x2" (10X5cm), 70m³/h@7bar, 20mm solid clearance		60m	3350x2030x2600mm	2950kg
GHS0217	17KW, Briggs & Stratton gasoline engine, air cooled	Liquid capacity: 2000L Working capacity: 1700L	3"x1.5" (7.5X3.75cm), 15m³/h@5bar, 19mm solid clearance		35m	3500x1750x2420mm	1600kg
GHS0117	17KW, Briggs & Stratton gasoline engine, air cooled	Liquid capacity: 1200L Working capacity: 1000L	3"x1.5" (7.5X3.75cm), 15m³/h@5bar, 19mm solid clearance		26m	2600x1340x1515mm	1320kg

Options: Stainless steel material for whole unit, Hose Reel with hose, Remote control unit, Trailer etc.

Full series of hydroseeder



15000L



13000L



10000L



8000L



8000L



8000L



6000L



5000L



3000L



3000L



2000L



1200L



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