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# Horticultural Equipment & Services

## HES HORTIFILLER

HES Hortifiller Flat & Pot Filler fills containers up to 18" wide and 12" tall.

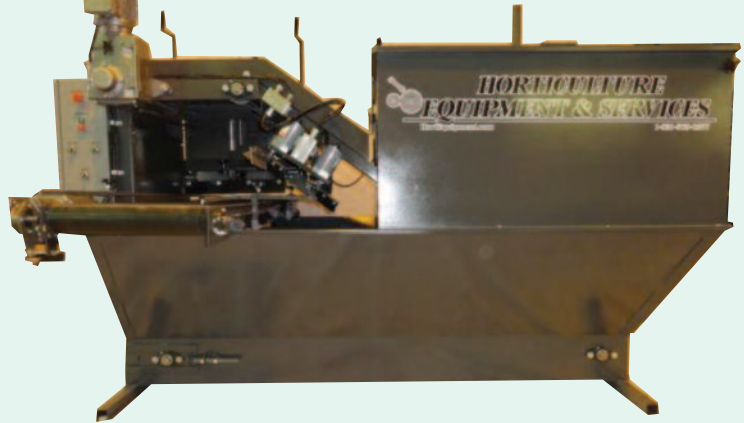
### Features:

- \* Simple hand crank and speed dial adjustments make change over fast and efficient.
- \* 110V Single Phase.
- \* Variable speed soil chain and container conveyor.
- \* Heavy duty construction
- \* Un-Matched durable soil system components

### Options:

- \* Conveyor Vibrator
- \* Power Pot Transfer
- \* Casters and Wheels

Dependability and support keep this unit productive for years to come.



## HES1200 VERTICAL BALE SHAVER

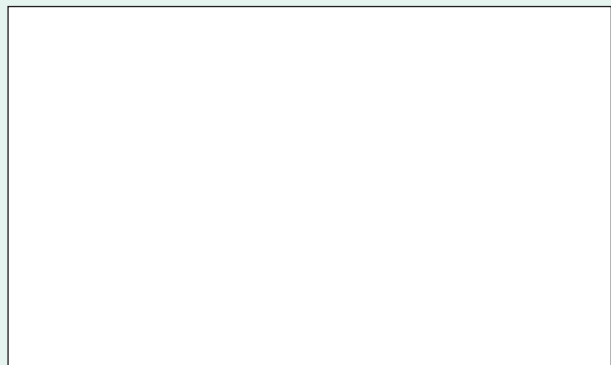
If you are using peat moss or pre-mix substrate, the HES1200 Bale Shaver will produce a consistent texture and flow throughout the entire bale. Just place the palletized bale inside the machine, close the doors, and press start. The elevator feeds the bale into the horizontal scraper that takes off thin layers of the peat or pre-mix substrate. This is undoubtedly the best process for compressed bale yield with the ability to control moisture content and product integrity.

### Specifications:

- \* Maximum Bale Size 55" W X 52-3/4" D X 113" H
- \* 230 Vac, Single Or 3 Phase
- \* Processing Speed: 4 To 5, 110 Cubic Ft. Bales/Hr.
- \* Outside Dimension: 66" W X 77" D X 135" H
- \* Weight: 3150 Lbs

### Features:

- \* Bulk Material Low Level Sensor.
- \* Auto Water Application Or No Water
- \* Touch Screen Control Panel
- \* Variable Speed Motors For Precise Control
- \* Enclosed Design Creates Less Dust



*Items listed in our catalog are a sampling of products available from a specific vendor. A full line of products is available. Please contact your sales representative for details and more information.*



## GS1 NEEDLE SEEDER

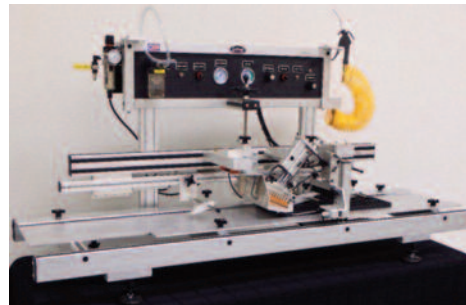
The GS1 semi-automatic Needle Seeder was developed with the small greenhouse operation in mind, but it works well with larger operations as well.



- 100 % Pneumatic - Requires 5 cfm / 80 psi compressed air source
- 4 ft Machine size 48L" X 24W" X 24H" (table top model)
- Aluminum and stainless steel construction
- Vibrating seed pan / Seed collector
- 2 year warranty on all parts (except needles) / 14 day return policy
- Can accommodate plug trays from 50 to 512 cells

## GS2 NEEDLE SEEDER

The GS2 Needle Seeder was developed for the small to medium size greenhouse with automation in mind.



- 100 % Pneumatic - Requires 5 cfm / 80 psi compressed air source
- 6 ft Machine size 72L" X 24W" X 28H" (table top base model)
- Aluminum and stainless steel construction
- Vibrating seed pan / Seed collector
- 2 year warranty on all parts (except needles) / 14 day return policy
- Can accommodate plug trays from 50 to 512 cells
- Can accommodate up to 4" pots

## PROPAGATING MAT

Provided with a 6' cord. 200 watts at 120 volts. The Pm9A has a 5 flat capacity.



Item No	Description	Dimensions
44-015	Pro-Grow Pm 9A Propagating Mat	22" x 60"

## GC-4 CONTROL

This controller is made with heavy duty construction and an indicator light. Comes with a 6' cord and grounding plug. The temperature setting is from 40-100 degrees F. Receptacles for up to 4 mats.



Item No	Description
44-025	Pro-Grow GC 4 Mat Control

## SOIL STERILIZERS

The Pro-Grow Electric Soil Sterilizer kills virtually 100% of weeds, as well as all soil borne insects and all of the bacteria, fungi and virus organisms that are harmful to commercial crops. It's safe and economical. No hazards from hot steam or dangerous chemicals. Use inside, outside or any place your electric cord will reach. Available with a 25' optional cord.



Item No	Description	Dimensions
43-930	<b>Model SS60 (Aluminized)</b>	61" x 32" x 16"
43-935	<b>Model SS60 (Stainless)</b> 4 hour sterilizing capacity: 4 cu. yds. 1/2 cu. yd. soil capacity, 25 amps, 240 V, 60 cycle AC, heavy duty thermostat adjustable from 140° - 200°	
43-920	<b>Model SS30 (Aluminized)</b>	33" x 32" x 16"
43-925	<b>Model SS30 (Stainless)</b> 4 hour sterilizing capacity: 2 cu. yds. 1/4 cu. yd. soil capacity, 13-1/2 amps, 240 V, 60 cycle AC, heavy duty thermostat adjustable from 140° - 200°	
43-910	<b>Model SS15 (Aluminized)</b>	33" x 17" x 16"
43-915	<b>Model SS15 (Stainless)</b> 4 hour sterilizing capacity: 1 cu. yd. 1/8 cu. yd. soil capacity, 12-1/2 amps, 120 V, 60 cycle AC, heavy duty thermostat adjustable from 140° - 200°	

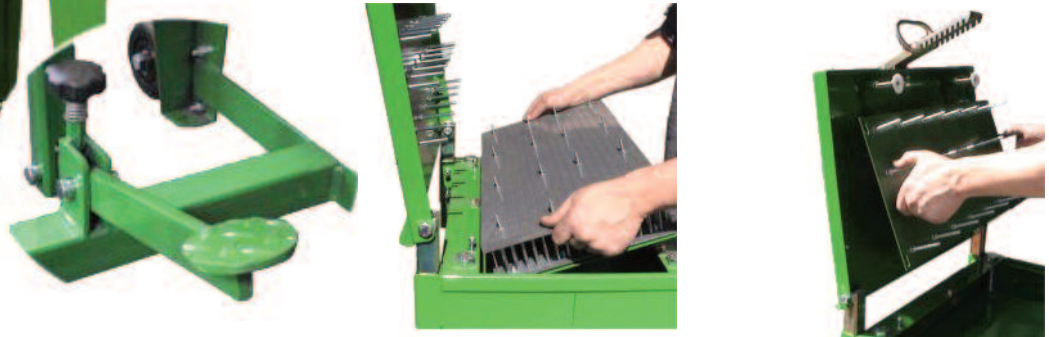


## PLUG POPPER

The Plug Popper dislodges your plugs from their tray in a matter of seconds. No more broken stems or damaged roots. This indispensable horticultural tool works with a simple foot-pedal operation.

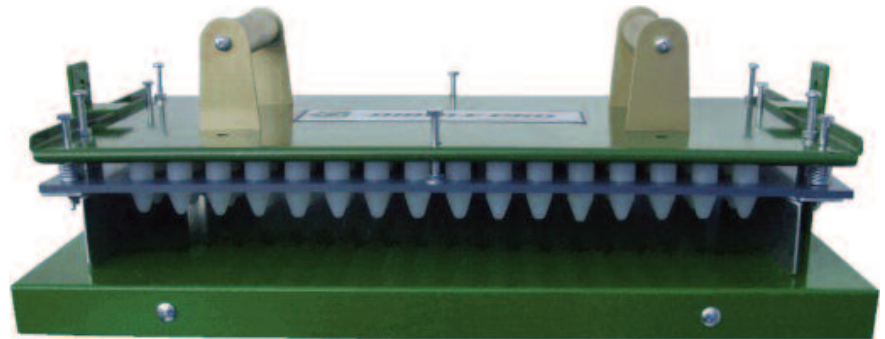
No cords, hoses or motors to maintain. The Plug Popper is easy to use and handles any tray with the swap of an insert.

- Durable Powder Coat Finish
- Adjustable Stroke Limiter
- 4-inch Easy-Roll Wheels
- Unconditional 5-Year Warranty



## DIBBLE PRO

- Aluminum Uni-Body Construction
- Plastic or Aluminum Pins
- Automatic Stripper Plate
- Durable Anodized Finish
- Makes A Perfect Dibble Every Time
- Use For Plugs or Cuttings
- Adjustable Depth Control



3/4" 5/8" 1/2" 1/2"  
Plastic Pins



1/4" 3/16" 1/8"  
Aluminum Pins

*Other products by Antal/Cayson Equipment also available.*

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