



The GV180 draws in recycle material from the job site and delivers it directly into the Model 550/VH550 package. The model #550 recycle machine has an airlock that positions recycled material in-line with the flow of air and dry material from a primary machine. The VH550 is a sealed hopper that sits on top of the #550 machine. A vertical agitation system inside the hopper keeps the screen open to air passage and prevents the material from bridging. **Note: All hoses must be securely clamped. This package is designed for fiber use only.**



## FEATURES AND BENEFITS

### Model #550/VH550

### Mechanical

- Vertical stainless steel agitator prevents material from bridging
- Latchable hinges allow for easy removal of hopper
- Large access door provides easy access to vertical agitator and screens
- Removable screens for easy clean up
- Rubber wipers keep the screen clean for air passage
- Filter bag filters out dust from exhaust (final filtration of material from air)
- 3/4 TEFC motor/reducer (744 in./lbs. torque) in the vacuum hopper provides a durable direct drive transmission for the vertical agitator
- #40 nickel plate chain/hardened steel sprockets for a rugged corrosion/abrasion resistant drive system
- Flip-top upper and lower hopper for quick and easy access to airlock
- Dual (2) agitators that enhance the conditioning of fibers
- All steel airlock for enhanced spraying and metering capabilities
- 1 1/2 hp Totally Enclosed Fan Cooled motor/reducer (1000in./lb. torque) for long life of agitators at the airlock

### GV180

- 6" (15.2cm) inlet and outlet tube allow for easy hookup of hoses
- Dynamically balanced 18" steel fan for increased fan life
- Portable mounting frame w/wheels makes the machine easy to handle when transporting
- 12 volt electric start engine allows the user to turn key for easy starting of engine
- Hour meter/tachometer monitors the use/ speed of the engine

### Electrical

### Model #550/VH550

- Operator safety/Hazard response features: pre-alarm buzzer, main disconnect/power interruption shutdown, emergency kill switch, manual override at machine
- 3 position toggle switch (on/off/remote) for machine running versatility
- 25 ft. (30.5m) hardwired remote control cord provides operator safety/ on or off operation of material feed in conjunction with primary machine
- 50ft. 110V power cord for material feed motor allows the machine to be plugged into an alternate power source
- Motor reset for complete protection of the agitator motor
- Safety switch on access door turns agitation system off when door is open



### WEIGHT

654 lbs. (296.6 kg.) (VH550 & #550)  
240 lbs. (109 kg.) (GV180)

### DIMENSIONS

38"W x 25 1/2"D x 77"H (VH550 & #550)  
(96cm. W x 64cm. D x 88cm. H)  
27"W x 36"D x 45"H (GV180)  
(69cm. W x 91cm. D x 114cm. H)

### HOPPER CAPACITY

10 cu. ft. (Model #550/VH550)

### POWER REQUIREMENT

double input, 15amp/120volt/60hz, w/  
remote

### MOTOR AMPERAGE

11 AMPS: Vertical Agitator  
15 AMPS: Airlock Motor  
GV180 Motor: 18hp/3400rpm (no load)

### AIRLOCK

10"x12" diameter (25.4cm.x30.5cm.diameter)  
3" (7.6cm.) outlet for blowing hose  
3" (7.6cm.) inlet for in-line machine hook up

## ALL FIBER VACUUM HOPPER - THEORY OF OPERATION (See diagram below)

This unit is designed to accept all recycled fiber materials that have been removed from the job site by a vacuum. Once the recycle material has been deposited into the hopper, the air passes through the perforated mesh screen in the vacuum hopper, where it is filtered and exhausted. **Note: The bin level indicator and blastgate are sold together as an option. This option provides automatic shut-off of material flow to the hopper when the hopper is full.**

