



KRENDL #550 and #VH550 Package



The compact Krendl #550 all fiber (airlock) recycle machine has minimal electrical requirements. Used with the Krendl #550, the VH550 is the perfect attachment for the professional contractor who is using a vacuum for recycling wet spray.

RECYCLE EQUIPMENT

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. Inside the hopper is a perforated screen that filters out small fiber particles from the air that is being blown from a vacuum. A vertical agitation system inside the hopper keeps the screen open to air passage and prevents the material from bridging. Note: The product density, variable blowing conditions, and the size of the primary machine will affect the production rate of the #550 recycle machine.

FEATURES AND BENEFITS

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
- Modular component design for quick disassembly/reassembly for easy troubleshooting and maintenance
- Safety guards provide operator safety
- 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
- Cord hanger allows for convenient storage of cords



Electrical

- 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.)

HOPPER CAPACITY

10 cu. ft.

MOTOR AMPERAGE

11 AMPS: Vertical Agitator

DIMENSIONS

38"W x 25 1/2"D x 77"H
(96cm. W x 64cm. D x 196cm. H)

POWER REQUIREMENT

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

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.**

