



# KRENDL #550 Recycle Equipment



The compact Krendl #550 **all-fiber** (airlock) recycle machine has minimal electrical requirements. With increased portability and the mobility to be maneuvered in and out of a truck makes the model #550 a good choice for the **small professional contractor** who is just getting started in the wall spraying business.

## 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. Connecting the model #550 in-line with a primary machine will provide the blowing power desired. **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

- Modular component design for quick disassembly/reassembly for easy troubleshooting and maintenance
- Safety guards and hopper bars allow for operator safety
- Flip-top hopper 8 cu. ft. (.22 m<sup>3</sup>) for quick 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 TEFC motor/reducer (1000in./lb. torque) provide a durable direct drive transmission for the toughest blowing materials
- #40 nickel plated double chain/hardened steel sprockets provide a corrosion/abrasion resistant drive system
- Cord hangers for convenient storage of cords
- 9" pneumatic wheels allow for easy transportation in and out of the work place



### Electrical

- Pre-alarm buzzer alerts operator **before** machine starts for user safety
- Main disconnect/power interruption shutdown disconnects power to the panel **before** allowing access/manual restart
- Emergency kill switch allows for quick hazard response
- 3 position toggle switch (on/off/remote) provides machine running versatility
- 150ft. (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 from material feed motor allowing the machine to be placed in the house while being plugged into alternate power source
- Motor reset for complete protection of the agitator motor.

### WEIGHT

394 lbs. (178 kg.)

### DIMENSIONS

27"W x 40"D x 46"H

(69cm. W x 111cm. D x 117cm. H)

### AIRLOCK

10" x 12" diameter (25.4cm. x 30.5cm. diameter)

3"(7.6cm.) outlet for blowing hose

3"(7.6cm.) inlet for in-line machine hook up

### HOPPER CAPACITY

8 cu. ft. (.22 m<sup>3</sup>)

13 cu. ft. (.36 m<sup>3</sup>) w/Extension

### POWER REQUIREMENT

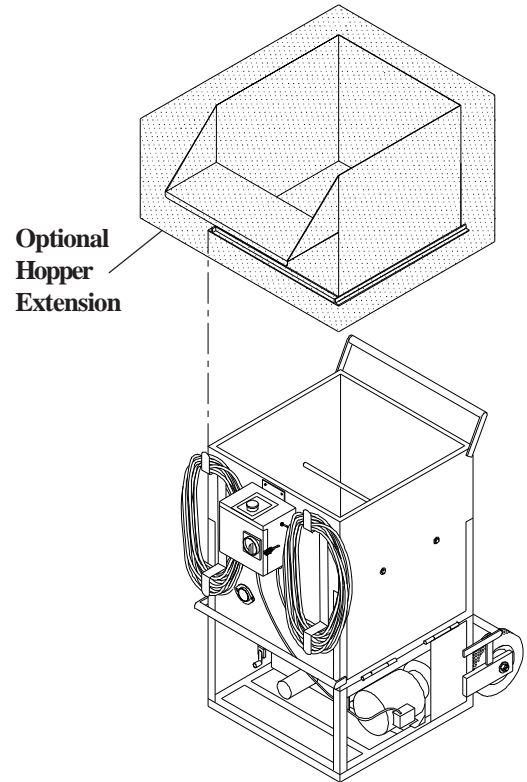
single input, 15amp/120volt/60hz, w/remote

# SPECIFICATIONS

<b>AGITATOR AMPERAGE</b>
15

## OPTIONS: (See diagram at right)

- hopper extension - 22" x 22" x 20"H (56cm.W x 56cm.D x 51cm.H)  
(Part # CE-501)
- VH 550 - 38" x 25 1/2" x 35"H (96cm.W x 64cm.D x 88cm.H)



## ALL-FIBER RECYCLE MACHINE - THEORY OF OPERATION (See diagram below left)

This unit is designed to accept all recycled fiber materials into the hopper area of the machine, passing through a multi-step agitation system and dropping into the rotating airlock feeder. The airlock feeder has a crankgate control providing precision feeding of fiber for recycled spray-on applications. Fiber is then rotated to the bottom of the airlock where air from the blower motors provided by the primary machine pushes dry and recycle fiber from the rotating chambers through the hose. (The combined dry and recycle material exiting the #550 machine gives a better blend of final product to the contractor.) Material and air is prevented from escaping into the machine while in the airlock by six rubber seals, which conform to the airlock inner wall as the chambers revolve.

**Note:** This machine does not come equipped with blower motors. Connecting in-line with a primary machine will provide the blowing power desired.

