



# KRENDL

## Recycle Equipment #550



The compact Krendl #550 **all-fiber** (airlock) recycle machine is light weight and 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 size of the machine the model #550 is in-line with will affect the production rate.**

### STANDARD FEATURES

- modular component design
- safety guards and hopper bars
- flip-top hopper 8 cu. ft. (.22 m<sup>3</sup>)
- dual agitators (stainless steel)
- adjustable speed, all steel airlock
- 1hp TEFC motor/reducer (1000in./lb. torque)
- #40 nickel plate double chain/hardened steel sprockets
- cord hangers
- 9" pneumatic wheels

### BENEFITS

#### Mechanical

- quick disassembly/reassembly for easy troubleshooting and maintenance
- operator safety
- quick easy access to airlock
- enhanced conditioning of fibers with no corrosion
- enhanced spraying and metering capabilities
- durable direct drive transmission for the toughest blowing materials
- rugged, corrosion/abrasion resistant drive system
- convenient storage of cords
- easy transportation in and out of the work place

#### Electrical

- pre-alarm buzzer
- on/off toggle switch on side of electrical box
- 150ft. (30.5m.) hardwired remote control cord
- 50ft. 110V power cord from material feed motor
- motor reset

- operator safety/alerts operator **before** machine starts
- safety and protection of electrical components
- operator safety/on or off operation of material feed in conjunction with primary machine
- machine can be placed in the house while being plugged into alternate power source
- 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)

### HOPPER CAPACITY

8 cu. ft. (.22 m<sup>3</sup>)  
12 cu. ft. (.34 m<sup>3</sup>) w/Extension

### AIRLOCK

10" x 12" diameter (.4cm. x 30.5cm. diameter)  
3"(7.6cm.) outlet for blowing hose  
3"(7.6cm.) inlet for in-line machine hook up

### POWER REQUIREMENT

single input, 15amp/120volt/60hz, w/remote  
single input, 15amp/230volt/50hz, w/remote

### RECOMMENDED GENERATOR

5,000 watts (for machine only)

### CE MARK CONFORMITY

See reverse side for more information.

# SPECIFICATIONS

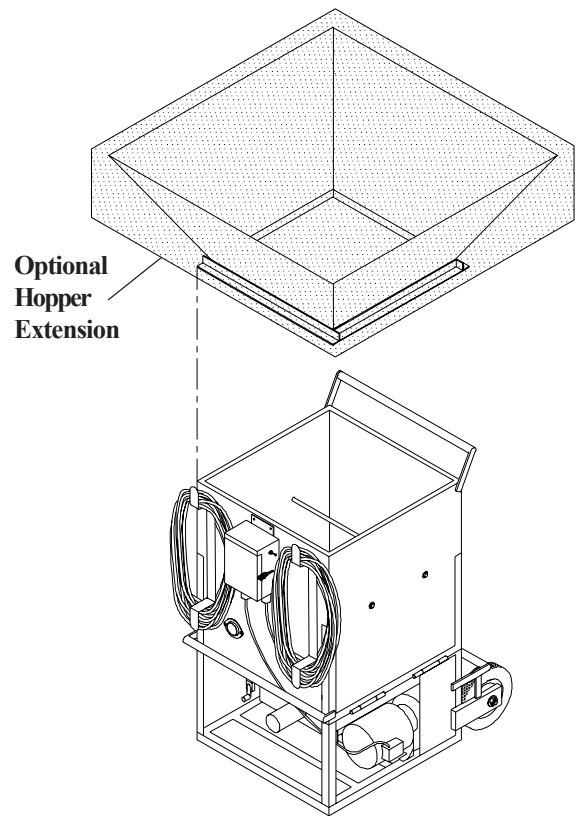
<b>AGITATOR AMPERAGE</b>
12

When figuring rates for 230volt/50hz, divide amperage ratings by half.

## OPTIONS: (See diagram at right)

- hopper extension - 36" x 36" x 11"H (91cm.W x 91cm.D x 28cm.H)
- 230volt/50hz (for export) **CE** Mark Conformity

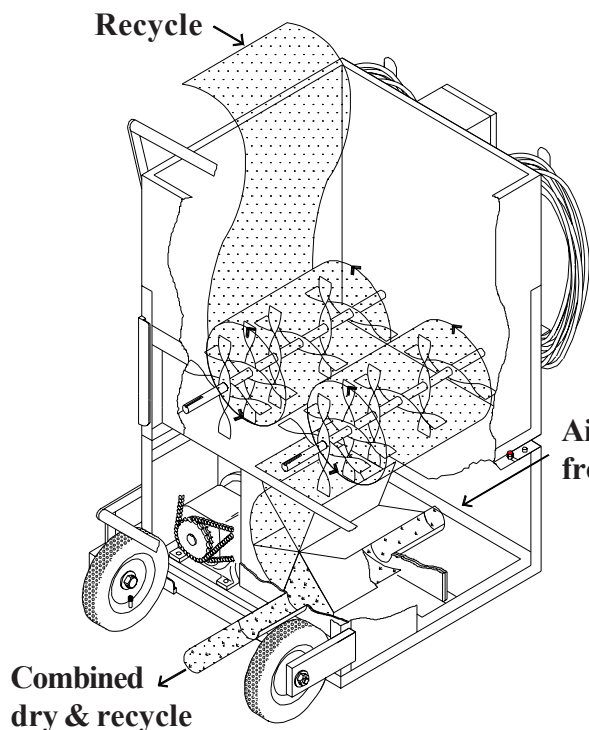
These options will offer the user increased capacity and portability while satisfying export requirements.



## 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.



**Modular components for easy replacement or repair.**

