



KRENDL

#450A

(Optional ELU Control System & Wheel Package)



This **all-fiber (airlock)** unit is preferred as an economical machine by the **small professional contractor** or **do-it-yourself/rental** market for all applications of all fibers. (open-blow or spray-on) Designed for low maintenance and high production, the #450A provides large hopper capacity and easy loading, while offering simple rugged performance.

MATERIAL PRODUCTION RATE

lbs/hr (kg/hr) rating with 100ft. (30.5m.) of 2 1/2" (6.4cm.) hose at 10ft. (3.1m.) elevation

MACHINE	MACHINE w/single 3-stage blower lbs/hr(kg/hr)
FIBERGLASS	300 (136)
CELLULOSE	1200 (545)

Product density and variable blowing conditions will affect production rate.
One 3-stage, 12.5 amp blower recommended for maximum performance.

FEATURES AND BENEFITS

Mechanical (Standard)

- Recessed on/off switch and blower control provides safety and protection of electrical components
- Safety guards and hopper bars provide operator safety
- Modular component design for quick disassembly/reassembly for easy troubleshooting and maintenance
- Removable hopper for quick and easy access to the airlock
- Dual stainless steel agitators enhance the conditioning of fibers with no corrosion
- 1/2hp Totally Enclosed Fan Cooled motor/reducer (470 in/lb.torque) for long life
- Heavy, nickel plated #40 chain with hardened steel sprockets provides a corrosion/abrasion resistant drive system
- Improved blower filter design for less filter maintenance
- Cord hanger and hand pendant holder allow for convenient storage of cords and hand pendant

Electrical (Optional)

- Operator safety/Hazard response features: pre-alarm buzzer, main disconnect/power interruption shutdown, emergency kill switch, manual override at the machine with ELU
- 100ft. (30.5m.) remote control cord with 3 position switch give increased operator control of feed and blower (with remote control unit & ELU)
- Deluxe voltmeter is an indicator for low/high voltage protection of motors (with remote control unit & ELU)
- Multiple auxiliary convenience outlets for easy addition of accessory devices (i.e., wetting, wireless, pump systems) (with remote control unit & ELU)
- Overload protection on transformer and all motors complete protection of all electrical components

WEIGHT

281 lbs. (127 kg.) w/remote
302 lbs. (137 kg.) w/ELU

AIRLOCK

14" x 8" diameter (35.6cm. x 20.3cm. diameter)
2 1/2" (6.4cm.) outlet for blowing hose

BLOWERS/SIZES

12.5 amp/3-stage (120volt)

DIMENSIONS

29"W x 25"D x 43"H
(74cm. W x 64cm. D x 109cm. H)

POWER REQUIREMENT

double input, 15amps each/120volt/60hz
w/12.5amp blower
(230volt/50hz available for export)

CE MARK CONFORMITY

See reverse side for more information.

HOPPER CAPACITY

7 cu. ft. (.20 m³)

SPECIFICATIONS

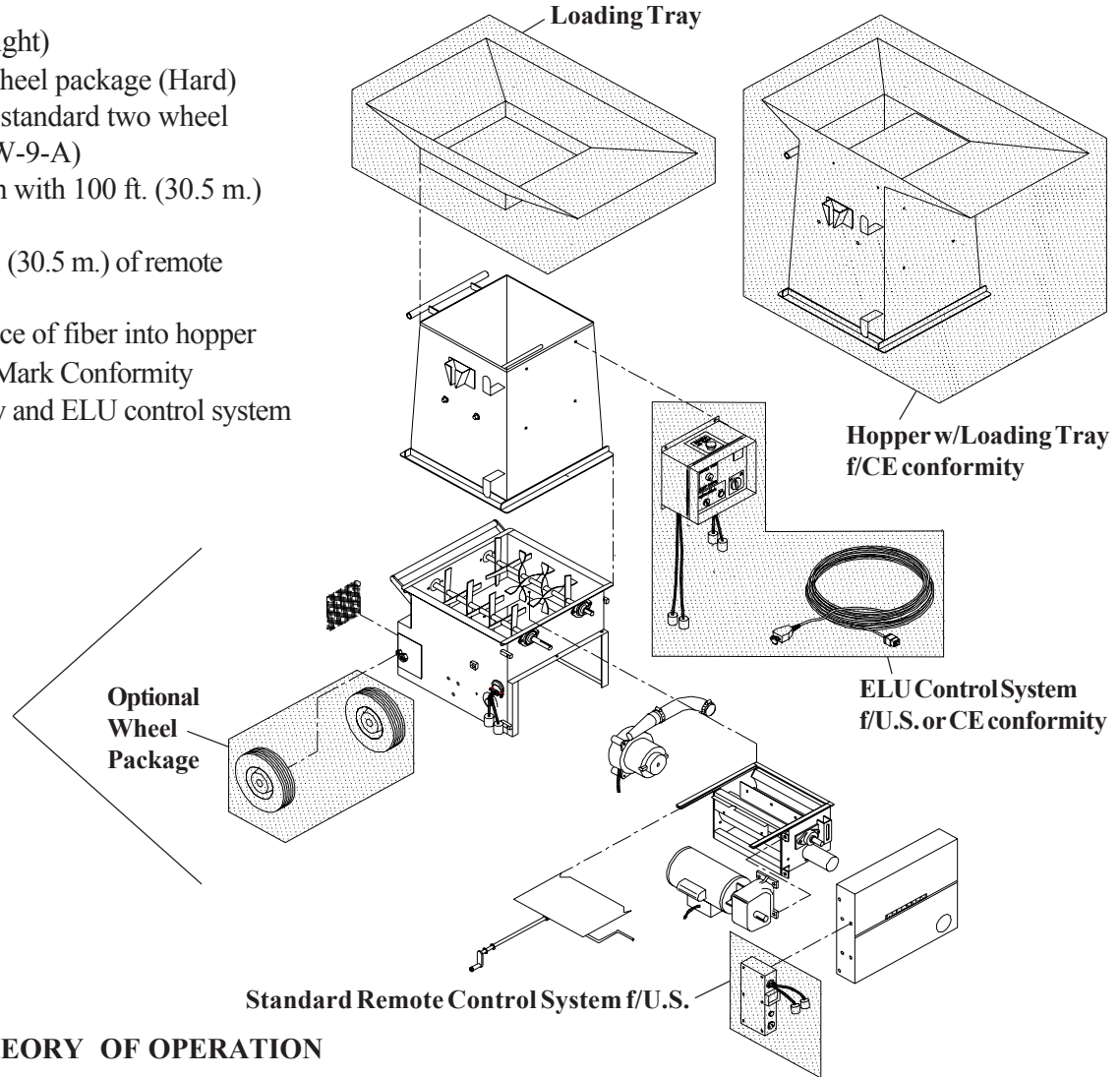
BLOWER	AIRLOCK PRESSURE P.S.I. U.S. (Overseas)	BLOWER RATING C.F.M U.S. (Overseas)	BLOWER AMPERAGE U.S. (Overseas)
SINGLE 3-STAGE	3.3 (3.3)	94 (87)	12.5 (5.5)

COUNTRY	AGITATOR AMPERAGE
U.S.	7.9
OVERSEAS	3.8

AVAILABLE: (See diagram at right)

- 10" (25.4 cm.) standard two wheel package (Hard) (Part # W-10) or 9" (22.9 cm) standard two wheel package (Pneumatic) (Part # W-9-A)
- standard remote control system with 100 ft. (30.5 m.) of remote cord (U.S.)
- ELU control system with 100 ft. (30.5 m.) of remote cord (U.S. & Overseas)
- loading tray for easy conveyance of fiber into hopper
- 230volt/50hz (for export) **CE** Mark Conformity includes: hopper w/loading tray and ELU control system

Modular components for easy replacement or repair.



ALL-FIBER MACHINE - THEORY OF OPERATION

(See diagram at right)

This unit is designed to accept all 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 open blowing, sidewall blowing, and spray-on applications. Fiber is then rotated to bottom of airlock where air from the blower motor pushes fiber from the rotating chambers through the hose. 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. The blower motor is a high speed unit with low amperage designed to blow air. (Fiber **does not** pass through the blower fan chamber.) The high pressure and adjustable volume provides low amperage, low noise, and minimal attic dust. This reduces hose plugging problems and gives longer blower life.

Note: All-fiber/airlock machines provide slightly less coverage than thru-blower machines. Airlock machines cannot duplicate the high speed (13,000 r.p.m.) conditioning effect of fiber passing through the blower. Airlock machines blow the fiber closer to settled density, which eliminates the need for overblowing material to compensate for progressive settling.

