



The compact Krendl #500 **all-fiber** (airlock) machine offers reduced weight and electrical requirements. With increased portability and the many options available, (i.e., shredder, double blower) the model #500 is a good choice for the **small professional contractor** who wants to use all fibers with all applications. (open blow or spray-on)

MATERIAL PRODUCTION RATE

lbs/hr (kg/hr) rating with 100ft. (30.5m.) of 2 1/2" (6.4cm.) hose at 10ft. (3.1m.) elevation (2-stage)
 lbs/hr (kg/hr) rating with 150ft. (30.5m.) of 2 1/2" (6.4cm.) hose at 10ft. (3.1m.) elevation (3-stage)

MATERIAL	MACHINE w/single *3-stage blower lbs/hr (kg/hr)	MACHINE w/double 2 or *3-stage blowers lbs/hr (kg/hr)	MACHINE w/shredder & double 2-stage blowers lbs/hr (kg/hr)	MACHINE w/shredder & double *3-stage blowers lbs/hr (kg/hr)
FIBERGLASS	400 (182)	500 (227)	700 (318)	800 (363)
ROCKWOOL	800 (363)	1000 (454)	1200 (554)	1400 (636)
CELLULOSE	1400 (636)	1400 (636)	1800 (817)	1800 (817)

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

STANDARD FEATURES

- modular component design
- safety guards and hopper bars
- flip-top hopper 8 cu. ft. (.22 m³)
- dual agitators (stainless steel)
- adjustable speed, all steel airlock
- 1hp TEFC motor/reducer (1000in./lb. torque)
- #40 nickel plate double chain/hardened steel sprockets
- improved blower connection/check valve protection and filter design w/4" (10.2cm.) outside fresh air inlet
- multiple blower capability/single material output
- cord hanger and hand pendant holder

- pre-alarm buzzer
- main disconnect/power interruption shutdown
- emergency kill switch
- manual override at machine
- 150ft. (30.5m.) remote control cord/3 position switch
- deluxe voltmeter
- multiple auxiliary convenience outlets
- overload protection on transformer and all motors

BENEFITS

- 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
- increased blower efficiency and durability/less filter maintenance/ better protection of blower
- increased range and back-up blower capability
- convenient storage of cords and hand pendant

Electrical

- operator safety/alerts operator **before** machine starts
- disconnects power panel **before** allowing access/manual restart
- operator safety/quick hazard response
- operator safety/enhanced troubleshooting and control at machine
- operator safety/increased operator control of feed and blower
- indicator for low/high voltage protection of motors
- easy addition of accessory devices (i.e., wetting, wireless, pump systems)
- complete protection of all electrical components

WEIGHT

475 lbs. (215 kg.)

DIMENSIONS

27"W x 43 1/2"D x 42"H
 (69cm. W x 111cm. D x 107cm. H)

HOPPER CAPACITY

8 cu. ft. (.22 m³)
 12 cu. ft. (.34 m³) w/Extension

AIRLOCK

10" x 12" diameter (.4cm. x 30.5cm. diameter)
 2 1/2"(6.4cm.) outlet for blowing hose

POWER REQUIREMENT

single input, 30 amp/240volt/60hz, w/remote
 double input, 20amp and 30amp/120volt/60hz,
 w/remote (consult factory for hook-up)
 (230volt/50hz w/remote, available for export)

BLOWERS/SIZES

8 amp/2-stage (120volt)
 12.5 amp/3-stage (120volt)

RECOMMENDED GENERATOR

10,000 watts (for machine only)

CE MARK CONFORMITY

See reverse side for more information.

SPECIFICATIONS

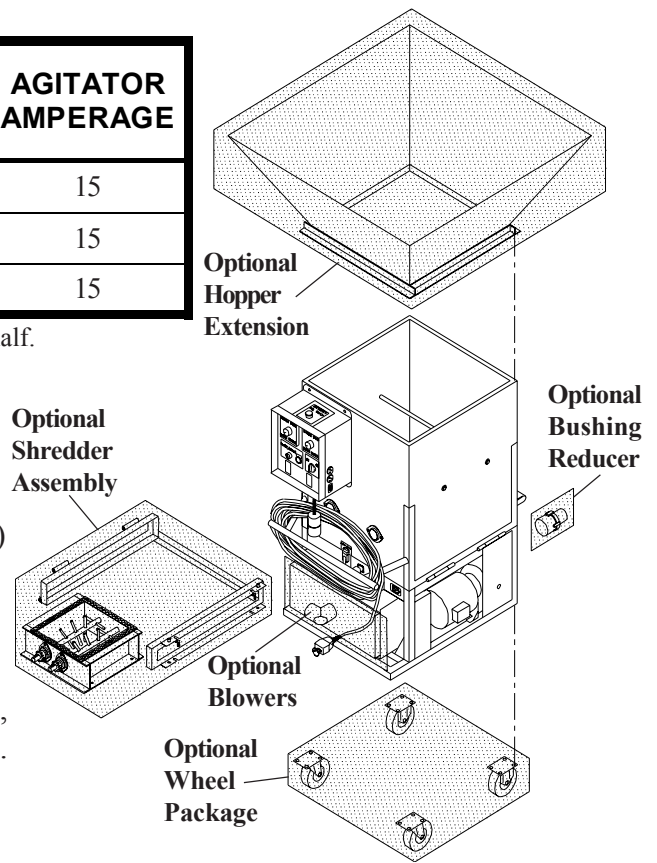
BLOWER	AIRLOCK PRESSURE (P.S.I.)	BLOWER RATING (C.F.M.)	BLOWER AMPERAGE	AGITATOR AMPERAGE
DOUBLE 2-STAGE	3	97 (x 2)	8 (x 2)	15
SINGLE 3-STAGE	3 1/4	94	12.5	15
DOUBLE 3-STAGE	4	94 (x 2)	12.5 (x 2)	15

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

OPTIONS: (See diagram at right)

- bushing reducer - 2" (5.1 cm.)
- 5" (12.7 cm.) standard duty wheel package
- hopper extension - 36" x 36" x 11"H (91cm.W x 91cm.D x 28cm.H)
- double blowers-8 amp/2-stage or single or double 12.5amp/3-stage
- shredder system - add 4 1/2" (11.4 cm.) to machine height
- 230volt/50hz (for export) **CE** Mark Conformity

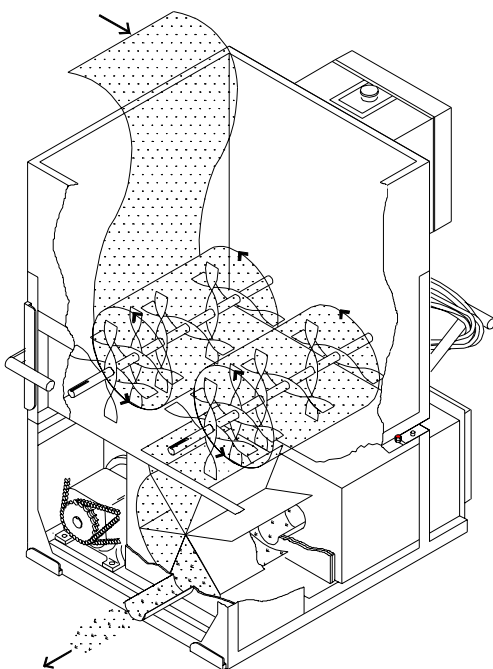
These options will offer the user increased capacity and production rate, portability, and varying sizes of hose while satisfying export requirements.



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

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 (double 2-stage, 8 amp or a single/double 3-stage, 12.5 amp) 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.



Modular components for easy replacement or repair.

