



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. Designed for low maintenance and high production, the #425 provides large hopper capacity 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

MATERIAL	MACHINE w/single 2-stage blower lbs/hr (kg/hr)	MACHINE w/single 3-stage blower lbs/hr (kg/hr)
FIBERGLASS	200 (91)	300 (136)
ROCKWOOL	600 (272)	800 (363)
CELLULOSE	1100 (499)	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

- Recessed on/off switch 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
- Extra 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

- 100ft. (30.5m.) hardwired remote control cord and single on/off switch provide easy on or off operation of feed and blower
- 10 amp. thermal overload protection for agitator motor for complete protection of the material feed motor
- 1/2 amp glass fuse protection for transformer provide properly sized fuse protection on the 1 amp transformer
- 120Volt/60Hz S.I. w/2-stage 8 amp blower OR 120Volt/60Hz D.I. w/3-stage 12.5 amp blower are user friendly for hooking up to a single or a double 15 amp line power

WEIGHT

230 lbs. (104kg.)

AIRLOCK

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

BLOWERS/SIZES

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

DIMENSIONS

36"W x 21"D x 44"H
(91cm. W x 53cm. D x 112cm. H)

POWER REQUIREMENT

double input, 15amps each/120volt/60hz
w/12.5amp blower
single input, 15amp/120volt/60hz w/8 amp blower

HOPPER CAPACITY

7 cu. ft. (.20 m³)

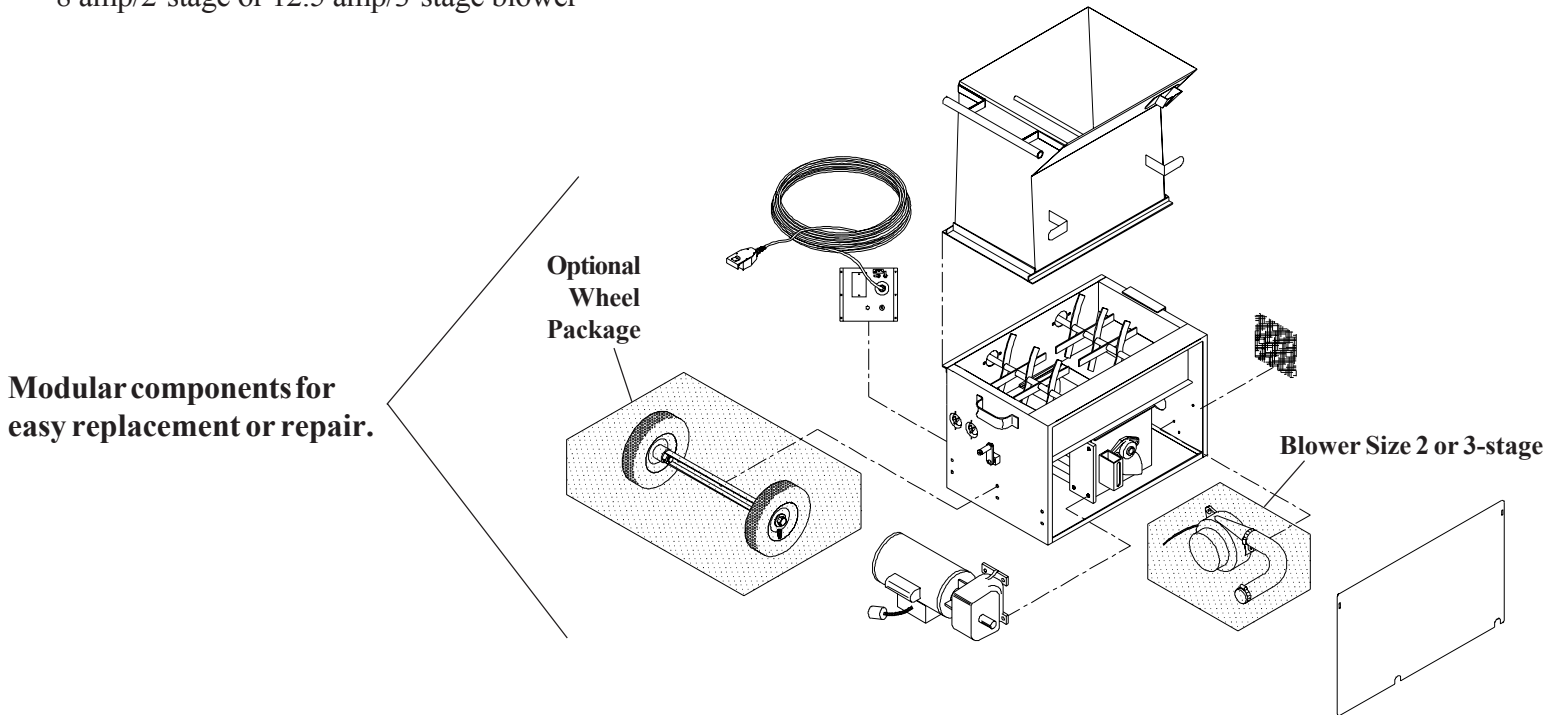
SPECIFICATIONS

BLOWER	AIRLOCK PRESSURE P.S.I.	BLOWER RATING C.F.M	BLOWER AMPERAGE
SINGLE 2-STAGE	2.3	104	8
SINGLE 3-STAGE	3.3	94	12.5

AGITATOR AMPERAGE
7.9

AVAILABLE: (See diagram at right)

- 6" (15.3 cm.) standard two wheel package (Hard)
- 9" (22.9 cm.) standard two wheel package (Pneumatic)
- 8 amp/2-stage or 12.5 amp/3-stage blower



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 (single 3-stage, 12.5 amp or single 2-stage, 8 amp) is a high speed unit with low amperage designed to blow air. (Fiber **does not** pass through the blower fan chamber.)

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.

