

**EZ- Flo Fiber Feeder – Model 500 *Patented***

3908 Tonkawood Road, Minnetonka, MN 55345  
800-372-7731 952-939-6000 FAX 952-939-1026





Feed Operator: breaks bags open on table, slides Fiber Bale down The sloped table to the boot of the conveyor while pressing the Conveyor Run Switch. Operator Fills Hopper whenever High Hopper Level Light Extinguishes. The entire System holds approximately 500 pounds or more. The Conveyor discharges into a 20"W X 16"H. Hopper Opening. Fiber Bale is chewed up into cottage cheese size pieces by the 2 Hopper Augers. Variable speed Scale Auger is fed fiber by Hopper Augers. Scale Auger is controlled automatically from Remote Control Panel dependant on plant rate output and percent fiber required.



Scale Auger discharges into Feed Throat of Flow Scale. Flow Scale reports flow rate to Remote Control Panel. Fiber discharges from bottom of Flow Scale to suction side of Fiber Blower. Fiber passes through 400 Blades/Second and discharges out the fan and through 4" hose into the mixer input port.

- Fiber Feeder delivers 20 to 40 lbs/minute of Cellulose Fiber for SMA type asphalt mix production between 200 to 400 TPH.
- Feed Hopper Capacity 240 pounds. Hopper Feed opening 20"W X 16"H.





#### Remote Control Panel

\*Flow TPH Rate, Total Tons Indicator

\*Automatic Fiber Flow Control to increase and decrease Scale Auger Speed based on the Customer Supplied 4-20 ma Plant Output Rate Signal or Asphalt Flow Meter pulse input and the percent of fiber required. Auger-Blower Run control to be interlocked to start and stop the drum auger or to be switch selectable ON or OFF. System can be run in switch selectable to Manual.

\* Emergency Stop Switch

\* Deviation Light

\* Plant Operator to Fiber Loading Operator Signal Horn Button

\* 160 feet of control power cable with Quick Disconnect receptacle

\* 160 feet of Signal power cable

#### Feed Conveyor

Loading Capacity- 12 Foot up to 300 lbs – 18 foot up to 400 lbs

#### Hopper Skid

250 pound fiber capacity.

With Removable Folding Loading Table (optional when not using Conveyor) , Rain Protection Cover and Loading Operator Step

Scale Auger - 0 to 100% Variable Speed 2 hp 3Ph motor with gear box drive,

Hopper Augers - 25 to 100% Variable Speed 1 hp 3Ph motor with gear box drive, with

#### Local Motor Control Panel

\* requires 30 amp - 480 volt 3 Phase

\*480 volt Power Disconnect with breaker

\*Scale Auger 0 to 100% Variable Speed 2Hp Variable Frequency Drive with Breaker

\*Hopper Auger 25 to 100% Variable Speed 1Hp Variable Frequency Drive with Breaker

- \*Blower 25 to 100% Variable Speed 7.5 Hp Variable Frequency Drive with Breaker
- \* Deviation Light
- \*Low level indicator lights with Alarm Horn and silence button
- \* Remote/Local Switch with Manual Start /Stop
- \*Emergency Stop Switch

Blower-Flow Scale Skid

\*Fiber Flow Scale with 7.5 hp Blower Delivery System, Skid Mounted with Flexible 4" hose, 60 feet long and Utility Storage Box with locks.