CFD 1217
12" Drum Chipper

Altec ENVIRONMENTAL PRODUCTS

General
Weight: 4950 lbs
Length: 13' 10"
Width: 6' 7"
Height: 8' 2"
Noise Level: 80 decibels @ 50 ft, 360° around the unit or less
Infeed Chute: 50" W X 30" H
Feed Roller Opening: 12" H x 17" W opening
Chipping Capacity: 12" diameter material
Folding Feed Table: 53' width, 29" deep. Total of 62" from the end of the folding feed table to the nip point of the feed rolls

Chassis Frame
2" x 6" steel tubing with 3⁄16" wall

Finish
Standard powder coat white. Other colors and paint available.

Axle
7000 lbs capacity, torsion type. Eight (8) lug pattern with EZ lube bearings

Trailer Brakes
Self adjusting, 12-volt type, includes break away switch enclosed in steel housing for protection

Tires
Two (2) 245-75-R16 radial tires, mounted on eight (8) lug wheels

Front Jack
5000 lbs capacity swivel side wind jack. Jack can be used to raise feed roll slide box

Safety Chains
Two (2) independent 5400 lbs capacity chains 4' long, with slip hooks

Tow Bar
Fixed steel with a pintle ring no less than 2½" inner diameter, two (2) heights provided

Fuel Tank
Nineteen (19) gallon tank mounted to top of frame rails

Lighting
Lighting shall conform to all D.O.T. specifications. All signal lighting is 12V LED type, hermetically sealed and shock mounted to structures with rubber grommets.

Battery Box
A lockable battery box is constructed of a polymer material for reduced corrosion and is mounted directly to the frame.

Chipper Cutting Drum
21" diameter x 18" wide drum constructing of high strength steel. Drum is dynamically balanced for reduced vibration at operating speed. Drum speed is set 2200 RPM.

Drum Shaft
Shaft is fabricated from machined high strength steel alloy.

Drum Bearings
Drum is mounted using two high quality 2 7⁄16 roller bearings

Chipper Drive Belts
Four banded Kevlar® type belt

Chipper Knives
Two (2) high strength steel double edged knives 4½" W x 9" L x ⅝" T

Chipper Anvil
3½" W x 1" T x 17¼" L carbon steel anvil. The anvil is adjustable and has four (4) useable cutting edges.

Drum Housing
Drum housing is constructed of welded high strength steel for years of durability.

Discharge Chute
Formed steel chute is infinitely adjustable via a hand crank drive system. Chute has continuous rotation and a lock out mechanism for the hand crank.

Discharge Deflector
Fully variable chip deflector allowing the operator to adjust deflector angle without climbing on unit

Hydraulic Tank
Eleven (11) gallon capacity, steel tank with internal baffle. Tank includes a drain plug and mesh strainer at filler opening. Mounted to top of frame.

Hydraulic Hose
12,000 PSI burst pressure, industrial grade construction with spray guards in appropriate areas. All hoses use SAE standard straight thread.

Electronic Feed Control
Electronic feed control uses non-contact rpm sensor to measure cutting drum RPM. When the preset low RPM level is reached the feed control shuts off forward feed and allows the drum to speed up to the high RPM set point before resuming cutting.

Material in the in-feed chute can still be reversed with the feed control bar when the EFC is activated

Hydraulic Feed System
Two (2) horizontally mounted XX.X cubic inch hydraulic motors drive two (2) horizontally mounted feed wheels. Feed wheels feature Cevron Feed® (patent pending) which centers material and directs it to the most efficient portion of drum. Both feed wheels shall be supported by bearings at each end. Top feed wheel shall have two (2) 16" adjustable springs to ensure ample down pressure. Upper feed wheel slide has four (4) nylon wear strips for smooth operation. The lower feed roller and housing has a self cleaning feature eliminating the need to sweep and do a daily box clean out.

Infeed Chute
Opening is 50" W x 30" H with a total of 1500 square inches. Chute length is a minimum of 33" from the centerline of feed wheels to the end of the infeed chute. A control bar is located on three (3) sides of the infeed chute allowing for activation of feed wheels in the forward position (on), the neutral position (off) and the reverse position. The infeed chute is tapered for easy feeding minimal drag.

Feed Rate
Material can be fed at a rate of up to 106 ft/min.

Tongue Weight
Tongue weight averages 300 lbs

Controls
All controls are located on the curbside to eliminate the operator form standing in the street for engine start-up and PTO engagement.

Panic Bar
Panic bar consists of a 1" diameter control bar used to stop movement of the hydraulic feed wheels in an emergency situation. The system must be reset to eliminate any accidental reactivation of the hydraulic system which acts as a "lockout" to ensure that it is safe to resume operations before the hydraulic system will activate. The bar is readily accessed from both the operators position and from the direction of the chipper engine, giving personnel almost 360° from which to activate it outside of the infeed chute.

Altec Sales and Service

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CFD 1217

12" Drum Chipper

CFD 1217

- 12" Drum Style Chipper
- Exclusive Patented Panic Bar
- High Capacity Feed Chute
- High Performance Feed System