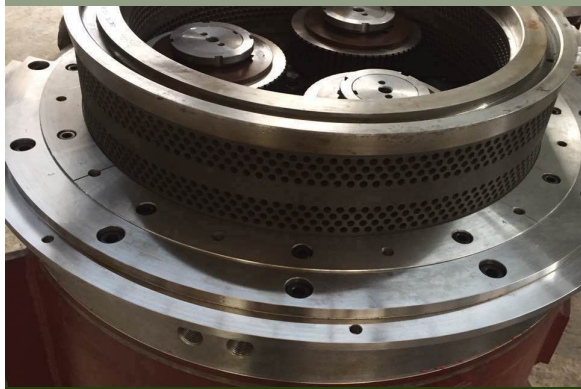


Kesir BFR 110 & 220



Biomass
Drying
Pelleting
Packaging



BFR Pellet Mill Technology +’s

- NO BEARINGS IN THE MILL HEAD TO REPLACE = NO DOWN TIME
- INTERNAL COOLING SYSTEM FOR GEARS
- INTEGRATED COOLING OF MILL HEAD
- CYLINDRICAL HELICAL BEVEL GEAR REDUCER
- 2MM CARBURIZATION ON GEARS
- HEAVY DUTY SHAFT AND BODY 7.5-14 TONNES (Model dependent)
- INTEGRATED DUST & STEAM CONTROL

Benefits to the end user:

- VERY LOW ENERGY TO PRODUCTION 20% SAVING ON ENERGY
- ALMOST NO DOWN TIME DUE TO IN-BUILT COOLING AND NO BEARINGS
- HIGH QUALITY PRESS WITH HIGH TORQUE LEADS TO BIGGER PRODUCTION AND DENSE PELLETS
- MOISTURE INPUT AS HIGH AS 25%
- VERY LOW MAINTANENCE DUE TO UNIQUE FEATURES
- 24/7 PRODUCTION POSSIBLE
- LONG LIFE DIES (UP TO 2000 TONNES PER DIE)
- AFFORDABLE SPARE PARTS -

The BFR Pellet Press: The BFR (Bearing Free Roller) system is unique in the world of horizontal ring die pellet mills.

Manufactured under strict control with the end user in mind. The advantages start with the price of the system , which is less than a 3rd of top companies such as Khal, Andritz or CPM with the added advantage of new designs and equal if not better quality. This coupled with low cost of production fits perfectly to the growing demand for biomass fuel pellet manufacturers.

Moisture Levels Benefits and particle size: The average wood pellet mill (Ring or flat die) requires the wood biomass feedstock to be in the 12% range for maximum production and quality pellets. Our patented mill head requires 18-20% and as high as *25% to the mill head and still receive a premium pellet under 10% moisture at the finish. This higher tolerance of moisture reduces the drying time and energy required and also may eliminate the need for a dryer in certain circumstances. Another advantage of our high torque mill is the shredded material size can be as high as *12mm (5—8 mm is optimum) without giving the mill any problems, this can reduce grinding costs.

*production will decrease some with very high moisture and larger particle sizes.

INTELLIGENT DESIGN - LOW PRICES - QUALITY SERVICE

Our goal is to provide our customers with solutions that up till now have not been possible due to poor equipment quality, design or price of purchasing. Each system is installed and set up on site by trained technicians that gives our customers peace of mind and security.

WHAT WE OFFER EACH OF OUR CLIENTS

- ARTISTS IMPRESSION 3D DRAWINGS OF OFFERED EQUIPMENT
- CAD DRAWINGS OF EQUIPMENT ON ORDER
- COST OF PRODUCTION XL SHEET BASED ON EACH CUSTOMERS POWER/ STAFF AND MATERIAL COSTS
- PELLETING TESTS WITH CUSTOMERS MATERIAL
- GUARANTEED PRODUCTION RATES (ONCE TESTED)
- FINANCIALLY VIABLE SPARE PARTS

Kesir BFR Pellet Mill

We want our customers to be happy customers!

We built our systems with return on investment in mind!

INSTALLATION AND SET UP

Each of our systems comes with the manufacturers set up and installation. So there is no guessing on the part of the customer, each customer will be supplied full support during the set up and installation process.

GROWTH SOLUTIONS

Expansion is the key to all business. Our systems are designed in a way that each customer can later add additional equipment seamlessly in place, as their sales grow so can your equipment.



SAMPLE PRODUCTION RATES FOR OUR TWO LINES**

BFR 110KW SYSYTEM - 1.5 tonnes/hr guaranteed with softwood often going to 2.4tonnes/hr.

BFR 220KW SYSTEM - 3 tonne/hr guaranteed with softwood often going to 5 tonne per hour. ** Based on 18% moisture softwood ground to 5mm**



- Guaranteed production
- We don't gouge on spare part sales
- Lowest in class cost of operation
- Highest in class production and moisture acceptance
- Quality dependable stable machinery designed to last years
- Set up and training



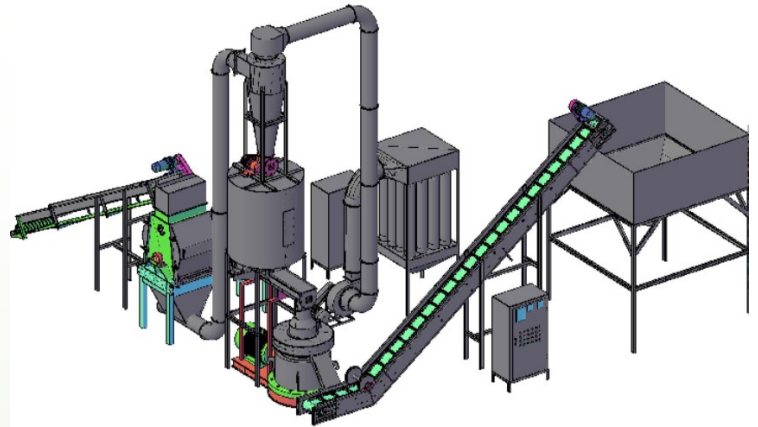
Simplifying biomass

ANCILLARY EQUIPMENT

TURN KEY SOLUTIONS FOR ANY PELLET TYPE FROM 1.5 TONNES /HR TO 20+ TONNES/HR.

Along with our 1st In Class pellet press we offer all additional equipment for turn key solutions.

- Conveyors and Augers
- Hammer mills and whole log shredding
- World class drying systems for woody biomass to agricultural crops and grasses
- Semi automated and fully automated bagging systems
- Dust collection systems
- Screening and cooling solutions
- Bulk and small packing solutions



Simplifying Biomass

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