

## KESIR Pellet Mill line (New)

Equipment available as package consists of:

| #  | Item                            |
|----|---------------------------------|
| 1  | Pellet Mill                     |
| 2  | Hammer Mill                     |
| 3  | Pellet Mill Control #1          |
| 3a | Pellet Mill Control #2          |
| 4  | Screw Feeder                    |
| 5  | Silo for milled feed stock      |
| 6  | Pellet mill collection silo     |
| 7  | Blower Fan                      |
| 8  | Misc Components                 |
| 9  | Pulse Dust Collector 3KW, 7.5KW |
| 10 | Shredder                        |

## Equipment Summary

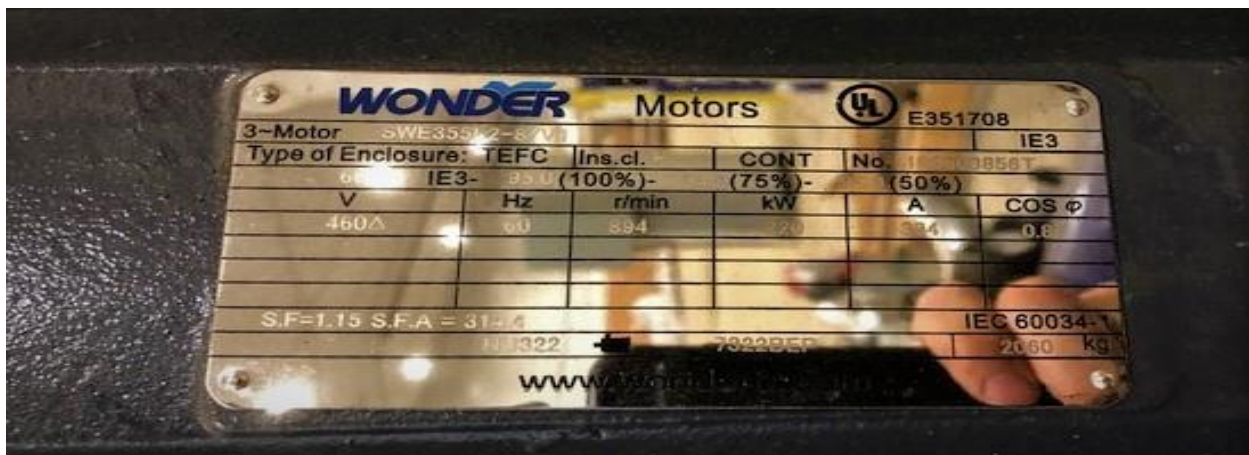
### Item 1: Pellet Mill Kesir BFR 220

New never used 300 HP (220kW) horizontal ring die pellet mill. 24/7 operable high torque pellet mill with bearing free long-life mill head and rollers. reversible 6 mm pellet die for long use. Built in water cooling and oil pump cooling for the gear oil. Production range of 3.5 to 5.5 tonnes per hour depending on biomass type. 225KW total motors.

Website: <https://makepellets.co.uk/>

Product Brochure:

### Pellet Mill



### Item 2 Hammer Mill

480VAC 90 kW Hammer mill with 7/16" screen





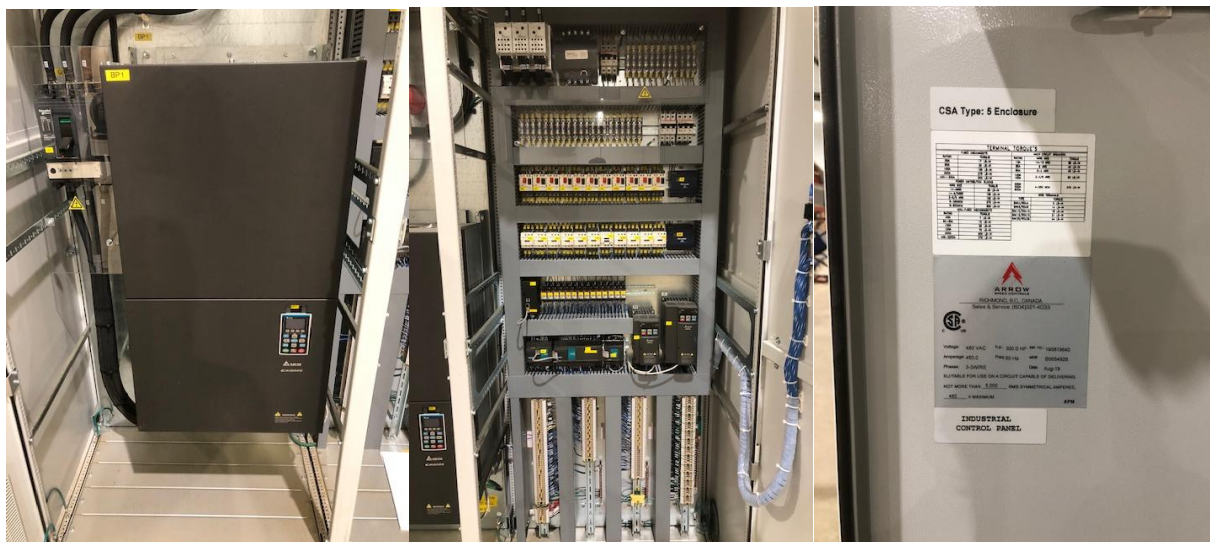
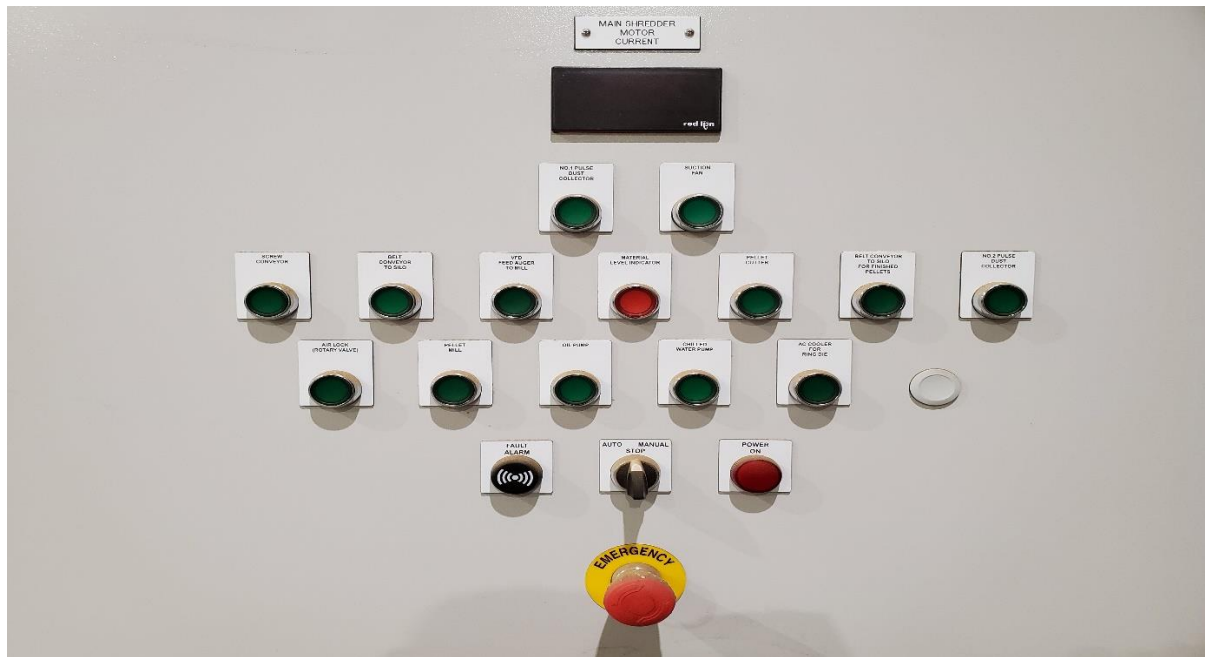
### Item 3 UL/CSA Control for pellet mill

Industrial control panel by Arrow Speed Controls located out of Richmond BC Canada. 480VAC 3 Phase. Wiring schematics available. Panel designed to control the following:

1. Pellet Mill (220kW)
2. Feed Auger to mill (3kW)
3. Screw Conveyor (5.5kW)
4. Belt Conveyor to silo (3kW)
5. Belt Conveyor to silo for finished pellets (3kW)
6. Oil Pump (3kW)
7. Pulse Dust Collector (3kW)
8. Suction Fan (3kW)
9. Pulse dust collector (7.5kW)
10. Pellet Cutter (2.2kW)
11. Air lock (1.5kW)
12. Chilled Water Pump (1.5kW)
13. AC Cooler for ring die (1.5kW) **(AC cooler not supplied)**
14. Vibrating Screen (1.5kW) **(Vibrating screen not supplied)**

#### Pellet Mill Controls





### Item 3a UL/CSA Control for pellet mill

Industrial control panel by Arrow Speed Controls located out of Richmond BC Canada. 480VAC 3 Phase. Wiring schematics available. Panel designed to control the following:

1. Shredder (110kW)
2. Chain Plate Conveyor (5.5kW)
3. Feed motor (5.5kW)
4. Oil Pump (1.5kW)
5. Hammer Mill (90kW)
6. Discharge belt conveyor (3kW)
7. Belt Conveyor for wet material (3kW)

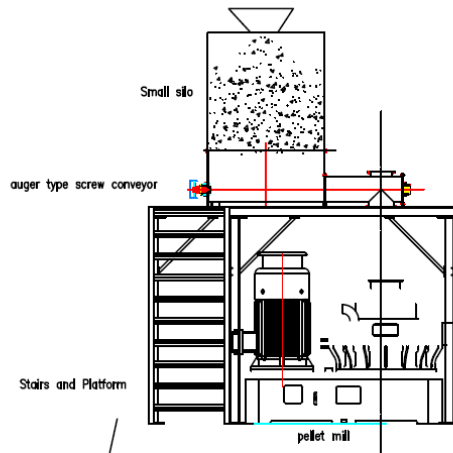
8. Dust collector fan (3kW)
9. Air Lock rotary valve (2.2kW)
10. Belt conveyor for hammer mill (3kW)
11. Dust collector fan (15kW)





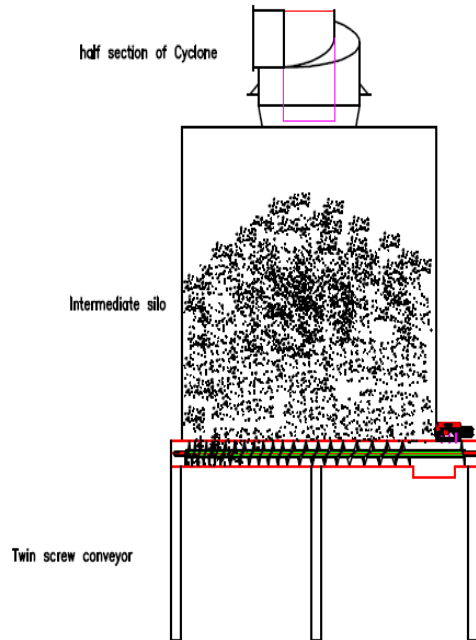
#### Item 4 Screw feeder with silo

Variable speed auger for prefeeding milled product to pellet mill. Below image depicts small silo and auger atop of pellet mill.



## Item 5 Silo for Milled Feedstock

Surge bin for collecting milled feedstock prior to transport to screw feeder and silo. Inlet cyclone, feed auger and discharge airlock / tourniquet.





Item 6 BFR 220 Pellet Mill Collection Silo  
Silo for collecting and cooling pellets



Item 7 Blower Fan  
Blower fan for transporting material 15kW





## Item 8 Misc support Components

Misc Interconnect piping and sock type baghouse.



## Item 9 Baghouse

Two baghouses (Used) Each unit comes with filter socks. Unit 1 3.5kW, Unit 2 7.5kW





Item 10 Shredder (110kW) this unit has been used

Shredder (110kW) with chain conveyor and feed rollers. Following pictures are from initial receipt.

Chain conveyor has not been used only shredder. All material passed through shredder has been loose leaf biomass and blades are in like new condition.

