

GOLDEN BIOFUELS

GOLDEN HEAVY ENGINEERING COMPANY

**Manufacturers, Suppliers,
Erectors & Exporters of :**

- » Biomass Pellet Plants & Machinery
- » Cattle Feed Plants
- » Oil Mill Machinery (Refinery)
- » Toilet Soap Finishing Lines
- » Laundry Soap Plants
- » Drums Dryers, Rotary Dryers
- » Sigma Mixers, Ribbon Blenders
- » Hammer Mills
- » Batch Weighing Systems
- » Shredders Specialist

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In This Section There Are 3 Equipment's, Belt Conveyor, Dual Shaft Shredder, Belt Conveyor. Heavy Duty Shredders Are Best Suited For The Size Reduction of Agro Waste Materials Specially Paddy Straw. The Highlighting Features Of Twin Shaft Shredders Are Safe To Operate, Low Dust And Sound, Very Low Vibration, And Longer Life Of The Equipment. It Is Completely Made of High-Grade Steel to Provide Wear Resistant and Energy Efficient Operation. It Can Be Used For Several Materials Like Wood, Biomass, Industrial Waste, Cloth, Household Waste, Electrical Equipment, Paper, Rubber, etc.



In This Part There Is An Array Of Equipment i.e. Double Screw Conveyor, Belt Conveyor, Feeding Air-Lock, Rotary Dryer, ID FAN, Cyclone, Double Screw Conveyor, Discharging Air-Lock, Belt Conveyor, Rotary Drum Dryer Is Designed To Dry The Material Which Contains High Moisture Up To 50%. The Dried Material Can Be Used For Making Briquettes And Pellets. Any Agriculture Or Forest Waste Such As: Saw Dust, Paddy Straw, Mustard Straw etc., Can Be Dried Using This Dryer.



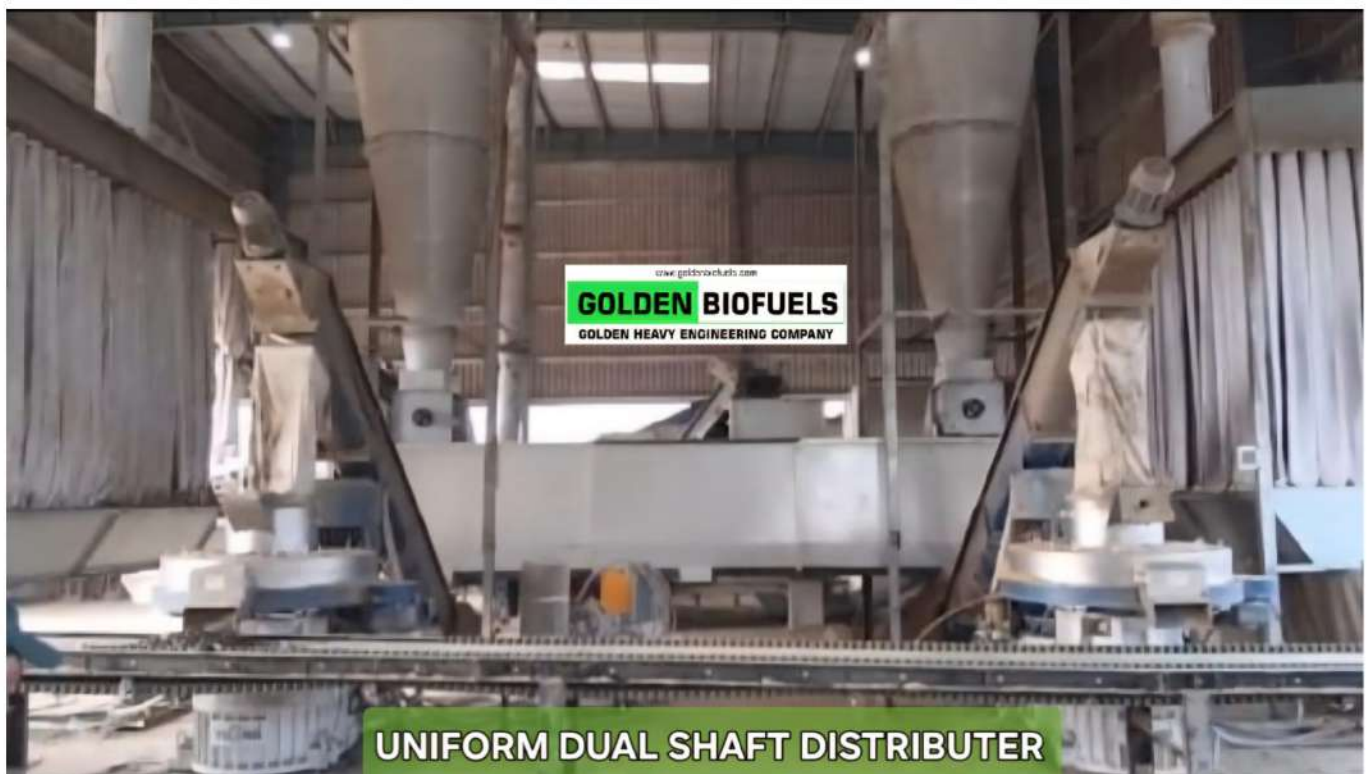
GRINDING PROCESS

In This Part There Is An Array Of Equipment I.E Auto Feeding Unit, Screw Feeder, Ducting To Hammer Mill Magnetic Remover, High Efficient Hammer Mill, Blower, Cyclone, Air Lock, Bag House, Storage Bin, Multi Screw Bin etc. The Use Of Hammer Mill Technology To Grind The Bigger Size of Husks And Chips Of Biomass Into Powder Form. The Rotor Has Passed The Dynamic Balance Test, It Can Rotate In Both Forward And Backward Direction. Hammer Mill Grinder Is Used For The Purpose Of Crushing The Agriculture And Forest Waste Into Granulated Form. The Repeated Blows Of Hammer, Helps In Crushing The Material In Small Size, Depending On The Screen Attached To It. The Output is Used for Making Pellets, Hammer Mill Has Heavy Structure, Simple Installation, High Efficiency etc. Most Ideal Grinding Equipment of All Kinds of Agro Waste, Wood Chips, Wood Shavings, Grass, Straw, Stalk, Corn, etc.

We are specialist in Hammer Mills for Paddy Straw with combination of Vane Feeder, Magnetic Plate, High Efficient Cyclones, Ducts, Bag house, I.D Fans.



In This Section There Is A Array Of Equipment i.e. Bulk Flow Reddler Conveyor , Magnetic Remover, Uniform Distribution Dual Shaft Screw Silo, Supporting Steel Frame, Screw Feeder, In The Distribution Section, Equal Material Is Delivered to The Pellet Mills Achieved by Using Feeders Of Equal Power Ratings, Each Pellet Mill Is Controlled By A Separate Electrical Control Box. The Pellet Mill's Electrical panel Controls The Screw feeder Speed, PLC Electrical Control Box Interlocks the Pellet Mill with The Feeders.



Pelletizing Process Is the Core Process Where the Prepared Material Is Compressed Through a Die to Form Pellets. This Section Is Combination Of 4 Equipment I.E. Vertical Ring Die Pellet Mill Yulong Make (Grease Pump, High Pressure Blower, Air Cooling System.) Flat Skirt Conveyor, Pellet Cooler, Vibro Sieve according to our suggestion, Some Plants Uses Conditioning to Ensure Maximum Production from Pellet Mill, We Need to Pre Heat the Feed. The Newly Formed, Hot Pellets Are Then Air Cooled, To Harden Them and Strengthen the Pellets. Cooling Prevent Degradation and Improve Durability. After That a Sieve is used To Separate Finished Pellets from Any Undersized Particles (Fines), Which Are Often Recycled.



This is a Pulse Jet Dust Collector (Air Pollution Control Device)



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ROTARY VALVES



PELLET COOLER



BINS



HAMMER MILL
(FULL CIRCLE)



YULONG MAKE
PELLET MILL (IMPORTED)



SUCTION POINTS
OF DUST COLLECTOR



DEBAILER

GOLDEN HEAVY ENGINEERING COMPANY

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