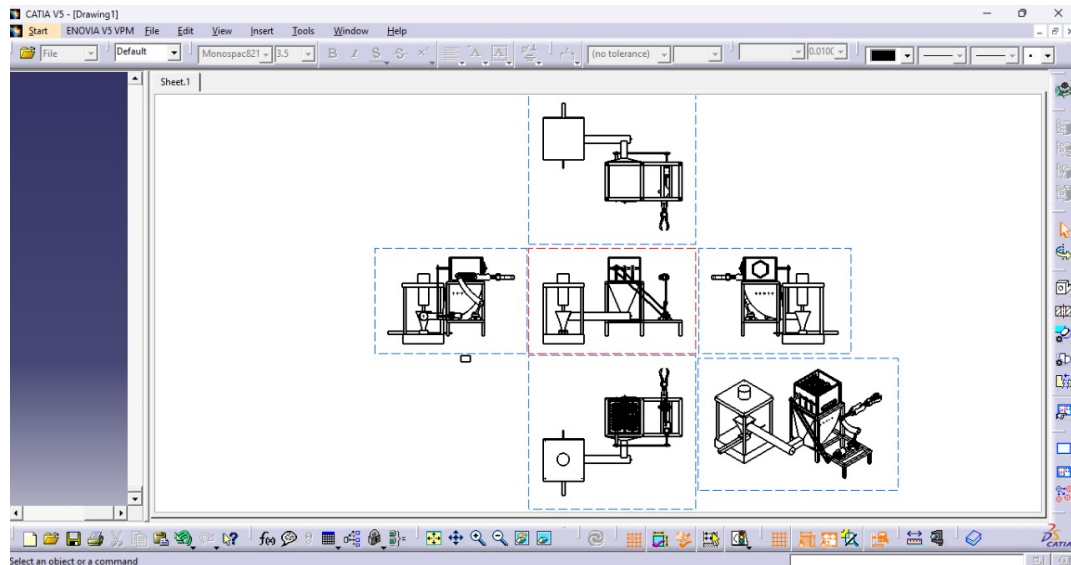


Dwarf Briquetting Machine

Designed using CATIA Software



Purpose of the Project:

The Dwarf Briquetting Machine is developed to crunch and compact metal waste into manageable briquettes. This process helps in recycling metal scraps efficiently, reducing waste volume, and improving material handling.

How the Machine Works Internally:

1. **Feeding Unit:** Metal waste is loaded into the hopper.
2. **Compression Chamber:** A hydraulic press compacts the waste under high pressure.
3. **Briquette Ejection:** The compacted briquettes are pushed out for collection.
4. **Automation Control:** Sensors and actuators regulate the process for efficiency.

Applications:

- Recycling industries for metal waste management.
- Manufacturing plants to reuse scrap materials.
- Steel plants for re-smelting briquetted metal.
- Automobile industries for scrap disposal.

Advantages:

- Reduces storage and transportation costs.
- Enhances recycling efficiency.
- Eco-friendly solution for waste management.
- Easy operation and maintenance.

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