

Project Title:

Austria Pallets Plant

Type of deal:

Legal Entity Deal and Assed Deal

Austria Pellets plant OVERVIEW

Yamuna GmbH - Yamuna Renewables Limited (UK) owns 100% of the share capital of Yamuna GmbH (Austria), which owns a wood pellet plant in Gars am Kamp. Yamuna Renewables is funded by funds managed by Downing LLP.

Sector:

Energy

Seller Agent:

Netbid GmbH, Vienna Austria

Oaklins | AUSTRIA

NETBID
Angermann Machinery & Equipment



Capacity of the plant

Plant capacity – existing daily capacity with current technology is following:

Wood Fiber Processing:

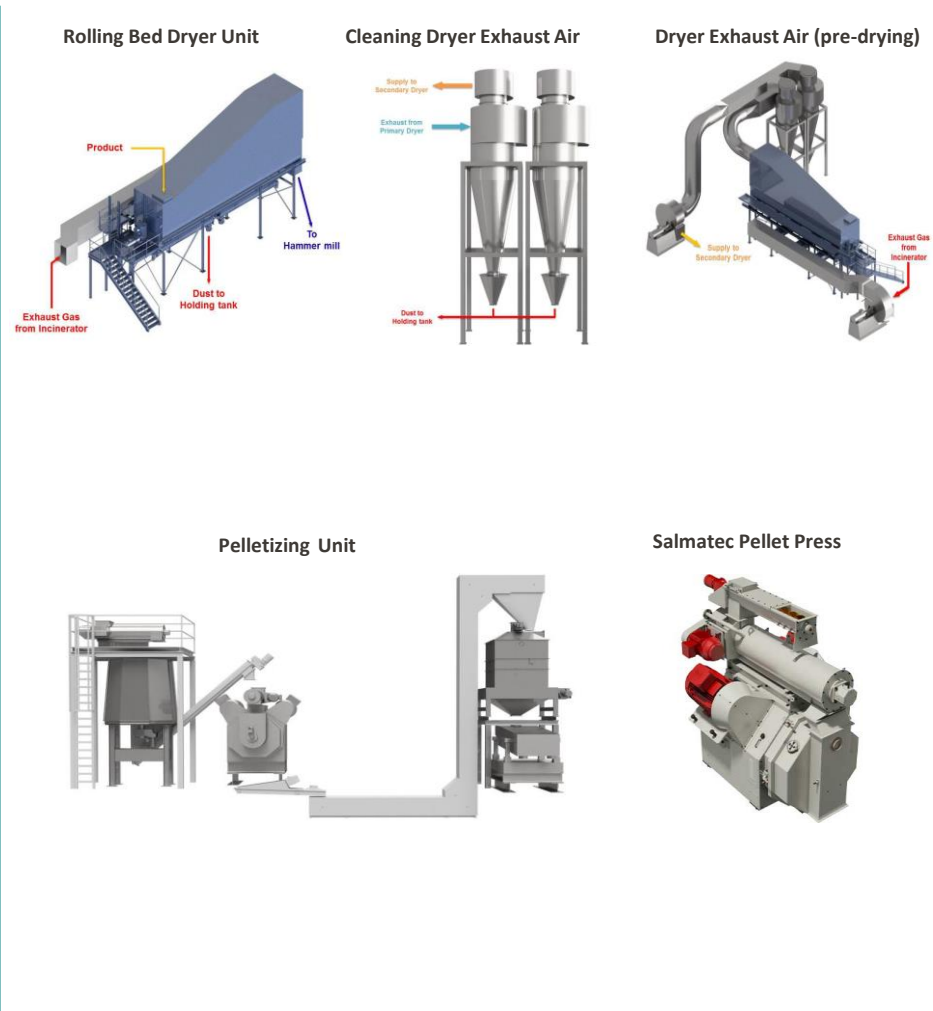
- Capacity - 6t/h, app. 120t/day
- Moisture – 10-12%

Wood Pellets production:

- Capacity – 5t/h, app. 100t/day
- Moisture prior pelletizing – 8-12%
- Pellet diameter – 6,00mm

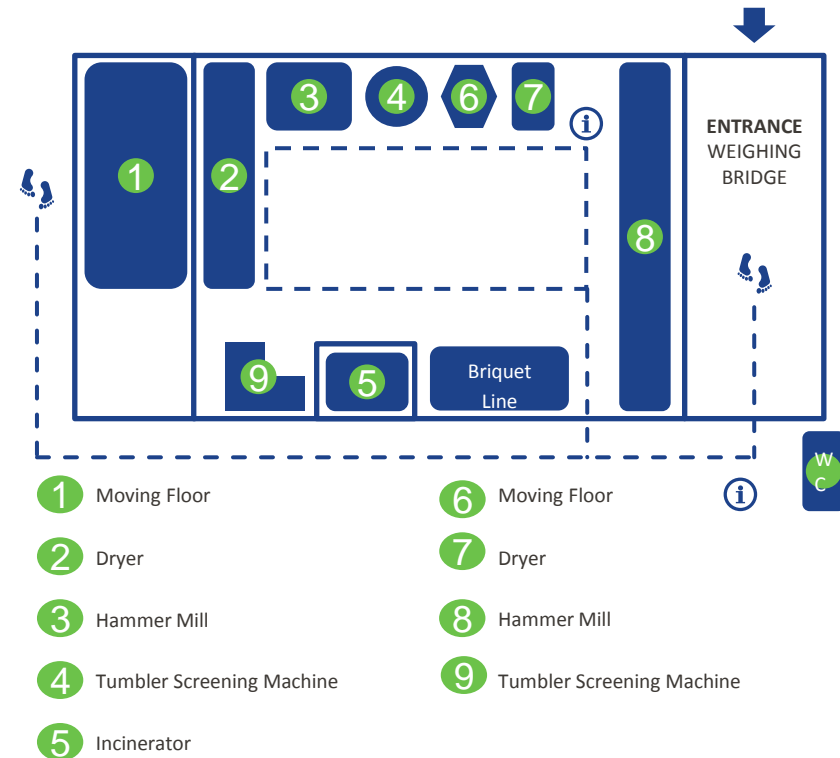
Storage capacity:

- Winter storage – 9.000 m³
- Summer storage – 3.000 m³
- Daily storage area – 1.100 m³
- Type of tree – 80% spruce, 20% beech



Technological procedure:

- ❑ Technology more flexible than other wood pelleting technologies, in that it can process whole trees as-felled and make use of other residues arising from wood processing that currently cannot be processed into pellets
- ❑ Proprietary, patented refining technology that utilizes all of the wood contained within a tree – thus, defines the plants as ‘wood refineries’ (technology can process hardwoods that conventional wood pelleting plants cannot)
- ❑ Wood pellet process can produce consistent, high quality pellets as well as wood fibers (these wood fibers can be used to replace plastics in wood plastic composites and advanced wood fibers, both uses potentially commanding high prices)
- ❑ The plant has a production capacity of high-quality pellets of at least 100 tons per day



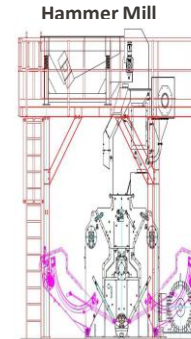
Process overview

Fiber Processing:

- Wood Supply & Storage Capacity
- Wood Chip Processing
- Drying
- Fiber Processing
- Fiber Storage

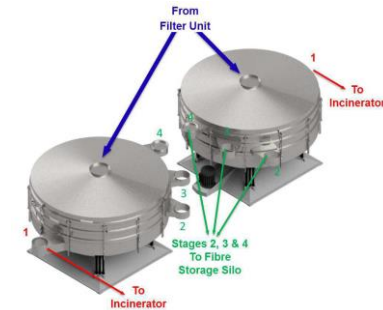
Pellets production:

- Pelletizing
- Pellets Storage
- Loading
- Incineration Unit
- Process Control System

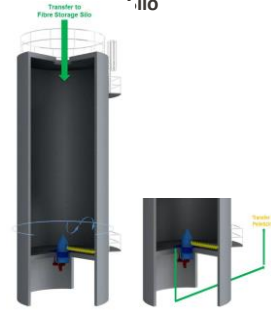


Hammer Mill

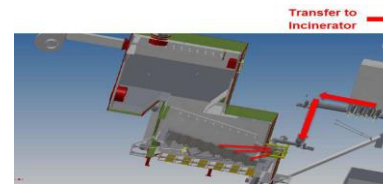
Structure of Tumbler Screening Machine



Structure of Storage Silo



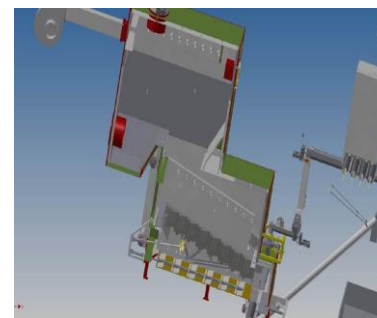
Bucket Elevator



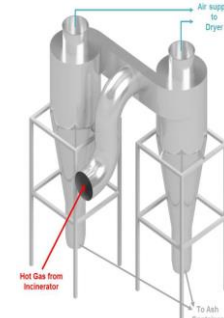
Pellets Silo and Loading Station Schematic



Water-Cooled Grate Incineration Unit



Exhaust Gas Cyclone



Control Room



Process Control System





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