



REFERENCE DOMESTIC & COMMERCIAL WASTE

OSNABRÜCK MBT



COMMISSIONING

Febr. 2006

TROUGHPUT CAPACITY:

90.000 tons/a

PROCESS:

- Biodrying according to the Herhof stabilate process.

MECHANICAL PRE-TREATMENT:

- Pre-shredding of the incoming waste to - 200 mm
- 1st ferrous separation

BIODRYING:

- biodrying of the pre-shredded waste in 5 Herhof in-vessel systems to achieve a moisture content of <15%

MECHANICAL PROCESS AFTER BIODRYING:

- various screens
- re-shredding
- ferrous and non-ferrous separation
- separation of inerts and RDF recovery
- RDF compacting

EXHAUST AIR TREATMENT:

Two different air flows:

- RTO for biodrying exhaust air
- dust extraction for the mechanical treatment and buildings

VECOPLAN TECHNOLOGY FOR MSW AND C&I WASTE TREATMENT



VECOPLAN SCOPE

Scope of supply

- 1 pre-shredder WZ 250 HS, 315 kW
- 1 metering shredder WZ 300 H 90/90 kW
- Walking Floor
- Picking cabin
- complete material handling equipment consisting of: Chain conveyors, vibrating conveyors, belt conveyors, Screw conveyor, overlength separator
- 2 re-shredder VAZ 2000 RS F 250 kW
- metering system to guarantee a constant material flow to the downstream mechanical process chain belt conveyor
- Structural steelwork, walkways, maintenance platforms

PLANT LOCATION, OPERATOR AND OWNER:

Herhof Recyclingcenter Osnabrück GmbH

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