



REFERENCE DOMESTIC & COMMERCIAL WASTE

MBS ANLAGE WESTERWALD GMBH & CO. KG

VECOPLAN TECHNOLOGY FOR MSW AND C&I WASTE TREATMENT

COMMISSIONING

April 2000

ANNUAL THROUGHPUT CAPACITY

- 100.000 tons/a – extendable up to 150.000 tons/a for MSW and C&I waste

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 7 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



New pre-shredder, type WZ 250 T „Hurricane“ with HiTorc drive

VECOPLAN SCOPE

Scope of supply:

- 1 pre-shredder, WZ 250 Hurricane HiTorc
- 1 pre-shredder, WZ 250 HS
- moving floor bunker
- 2 trommel screens < 45 mm and < 15 mm
- complete material handling system consisting of: various belt conveyors, chain belt conveyors and drag chain conveyors
- ferrous separation
- non-ferrous separation
- 2 re-shredders, type VNZ 210 V
- Structural steelwork, walkways, maintenance platforms

PLANT LOCATION, OPERATOR AND OWNER:

MBS Anlage Westerwald GmbH & Co. KG

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