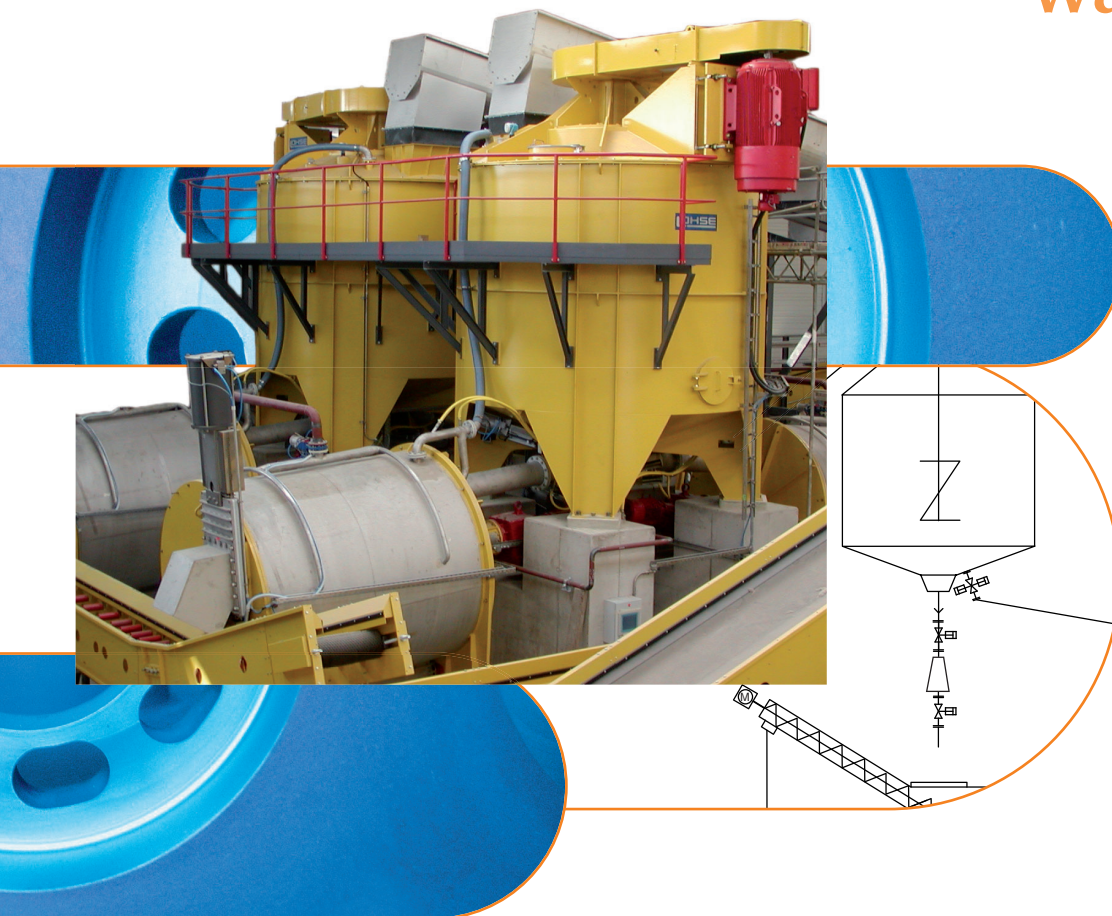


Machines, plants and mechanical engineering

Bio-mechanical Wet Treatment Plant

for biowaste, food-
waste and household
waste



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- Optimal separation of impurities by a wet liquid treatment
-> low load in the suspension with impurities
-> low formation of floating roofs
- Separation of impurities at the beginning of the process
-> protection the following pumps and aggregates

- > Low pollution of digestible suspension
- It can be processed organic waste with drymatter content (DM) of about approx. 15% DM (e.g. food waste) to about approx. 50% DM (e.g. gassilage, manure, pre-sorted household waste)
- By the dissolving process in the waste-pulper the organic waste components are dissolved very well

- and the surface increases, the gas yield is higher.
- Grain size of waste < 150mm in the waste-pulper is enough, so no expensive shredding is necessary.
- stable construction and special materials for toughest operating
- low interference, low maintenance
- low running costs by few wearing parts

- closed system, therefore minimizing smell emissions
- fully automatic operation possible
- advanced and tested technology with more than 25 years experience

Input:

biowaste



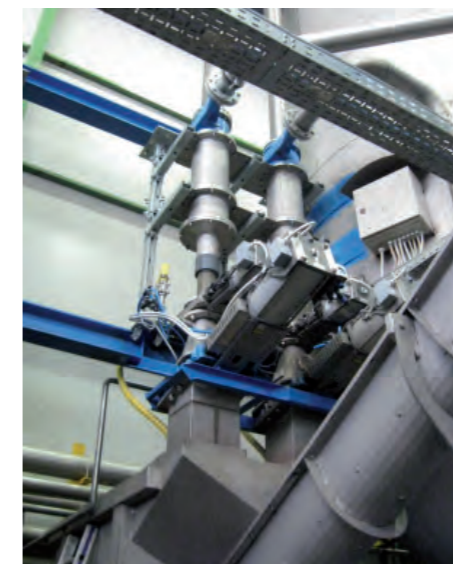
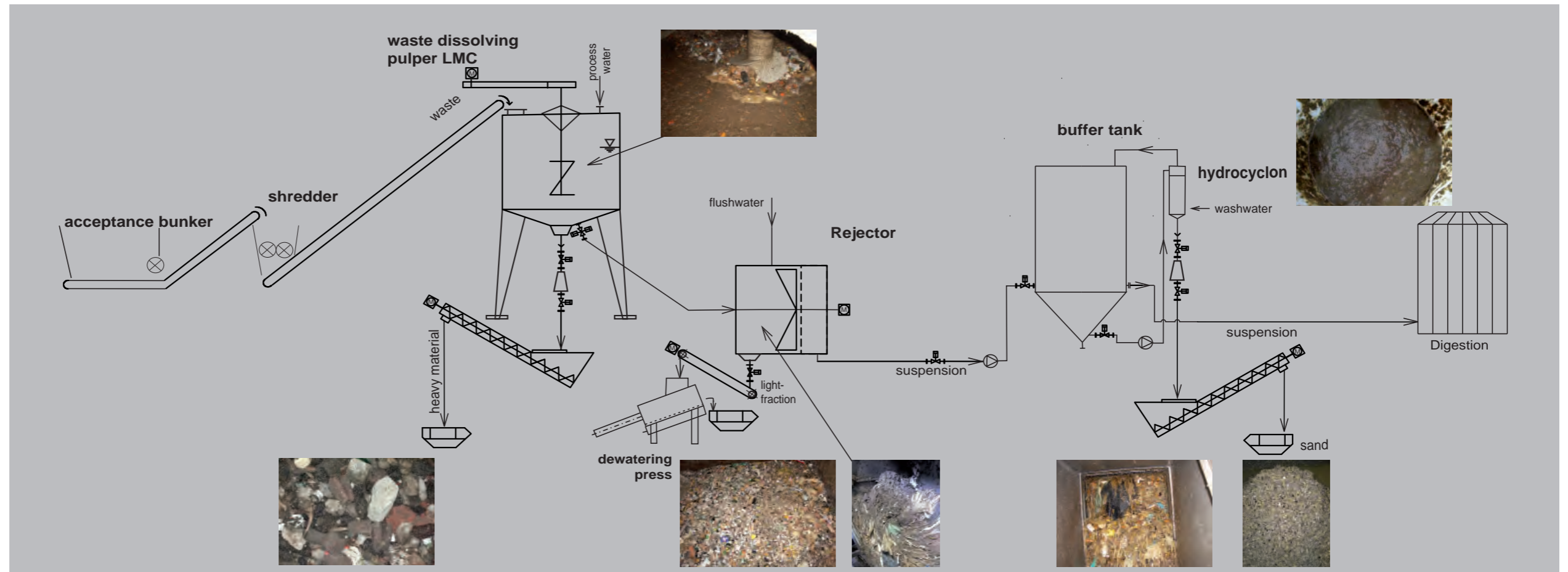
market waste



packed food



agricultural waste





Mechanical Engineering

Waste Technology: Waste Pulpers · Multisorter · Drum Sieves · Transport Systems · Grit Separators · Dirt Traps · Reject Presses · Subsurface Waste Bins

Paper Technology: Pulper Disposal Systems · Pulper Rope Cutters · Reject Presses · Reject Drums · Vibration Screens · Safety Access Doors · Machinery and equipment to customer's drawings · Repair and Maintenance · Wear Part Service

Fans: Axial Fans · Large axial fans and wind channels to customer's drawings

Design and manufacture on behalf of the customer

Subcontract work

General approvals and Certificates: QM-Managementsystem to DIN EN ISO 9001 · manufacturer to AD 2000 HP 0/ and TRD 201/ · manufacturer qualification to DIN 18800 T7 for welding of steel constructions Class E · and many more...



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