

BIOGAS INSTALLATION BIOFORS – RANST – BELGIUM



CONCRETE DIGESTER AND AFTER-DIGESTER

- CONTENT 2 x 3.186 M³ GROSS
- HEATED AND INSULATED
- INTEGRATED GAS STORAGE
- BIOLOGICAL DESULFURIZATION
- PADDLE- AND PROPELLER MIXERS

FEEDING OF LIQUIDS

- 2 x 70 M³ POLYESTER SILO'S <
- WHEREOF 1 HEATED <
- BOTH WITH CENTRAL AGITATOR <

SOLID FEEDING SYSTEM

- MIXING SOLID WITH MANURE
- CONTENT 80 M³ WITH SCREW SYSTEM
- SIZE REDUCTION AFTER MIXING
- WEIGHING EQUIPMENT

SANITATION TANK

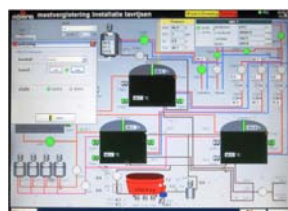
- CONTENT 10 M³ <
- CENTRAL PROPELLER MIXER <
- INSULATED, HEATED <
- 70°C, 1 HOUR (CONFORM 1774/2002) <

CHP

- 1 x 1.131 kWE JENBACHER BIOGAS-CHP
- 1 x 1.131 kWE JENBACHER BIOGAS-CHP WITH NATURAL GAS COUPLING
- ELECTRICITYPROD.: 18.000 MWH/A

DIGESTATE FLUIDIZED BED DRYER

- FLUIDIZED BED DRYER <
- FULL UTILIZATION OF CHP HEAT <



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