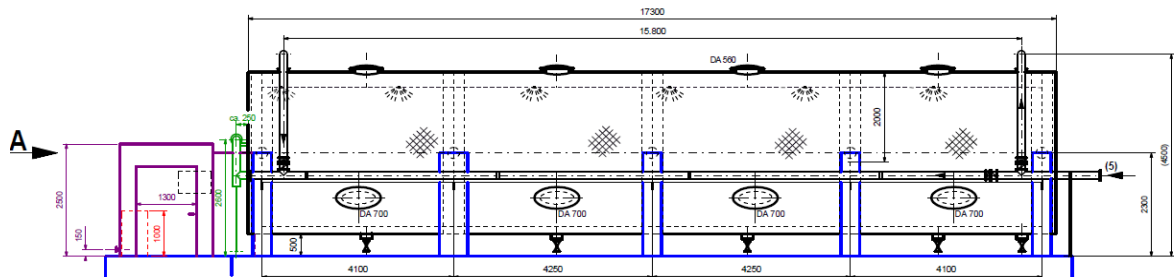




BIOGAS DESULPHURISATION EQUIPMENT FOR SALES



Manufacturer T&S Anlagenbau
built approx. 2011

Length of the washer 17.300 mm; construction material PP for both, washer and container
diameter of the washer 3.600 mm
volume 170 m³

volume of the carrier approx. 140 m³
pipes for biogas DN=150; material: PP
loop pipes DN=100/80/65 Werkstoff: PVC-U
water pipe DN=40; material: PVC-U, steel
nutrient pipe DN=20; material: PVC-U

Pumps

- o P05.1 5,5 kW, at 1,3 bar, 40-45 m³/h, material PP
- o P05.2 5,5 kW, at 1,3 bar, 40-45 m³/h, material PP
- o P05.3 1,1 kW, at 1,3 bar, 15-20 m³/h, material PP
- process air pump: 0,37 kW, 80 mbar, 10-40 m³/h, material steel/aluminium
- receiver tank for nutrients: approx. 1000 l, IBC-Container
- electrical input: around 15 kW.

biogas input as planned 240 m³/h
hydrogensulphide as planned up to 20.000ppm
load max. 198 kg/d

biogas input in operation
up to 400m³/h, 300m³/h in steady state operation
H₂S ca. 8000ppm
load ca. 100 kg/d



biogas output in operation
biogas input + approx. 40m³/h process air
H₂S < 30ppm,

electrical heating of the process liquid or by external sources
gas analytics not included

- List of media
- electricity
- water
- wastewater (sulfate)
- biogas input and output
- heat
- supplementary media
- air
- fertilizer 886

