

speicherpraxis

Information zum HAASE-Wärmespeicher



The project

This system was designed to accumulate waste heat for re-use. Daily, close to 450,000l of hot water is used commercially, as well as providing heating support for the floor heating system.

Our tank has been designed to enable the use and storage of surplus heat from various heat sources. The key is our stratification device which ensures that the highest temperature is accumulated in the top of our tank. The surplus energy is then removed from the hottest location and supplies hot water for processing as well as supporting the floor heating system.

Surplus heat is accumulated from the following devices:

- 4,000 kW boiler (gas)
- 2 air compressors
(waste heat 65 °C)•

The waste water heat recovery is a separate system which recovers the heat from the waste water. The hot waste water is then used to pre-heat the incoming cold via across flow heat exchanger

Recovered heat calculation estimate:

450,000 l day from 10 to 55 Deg C
= 23,500 kWh

Heating support for floor heating
= 1,500 kWh

Recovered heat total
= 25,000 kWh

HAASE
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25,000 kWh / day heat recovery system: commercial hot water system



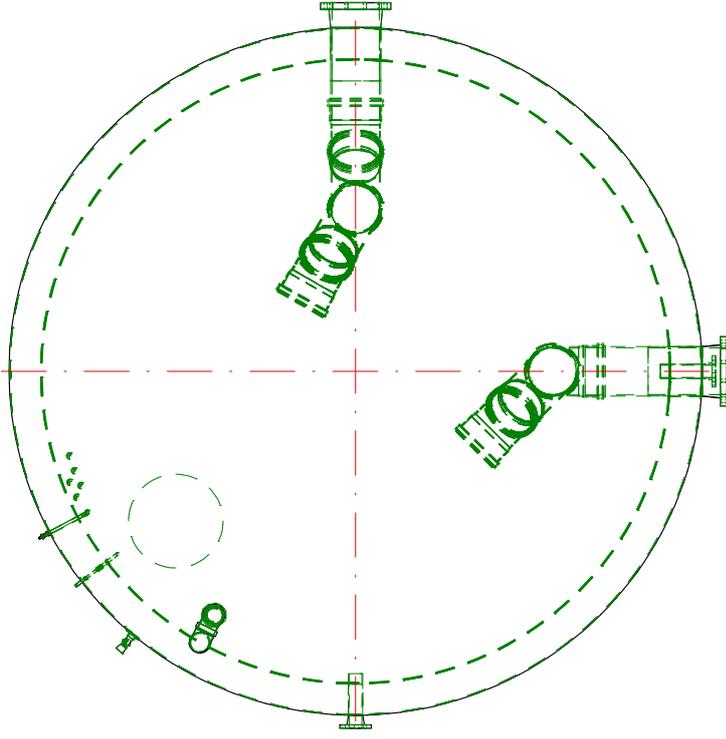
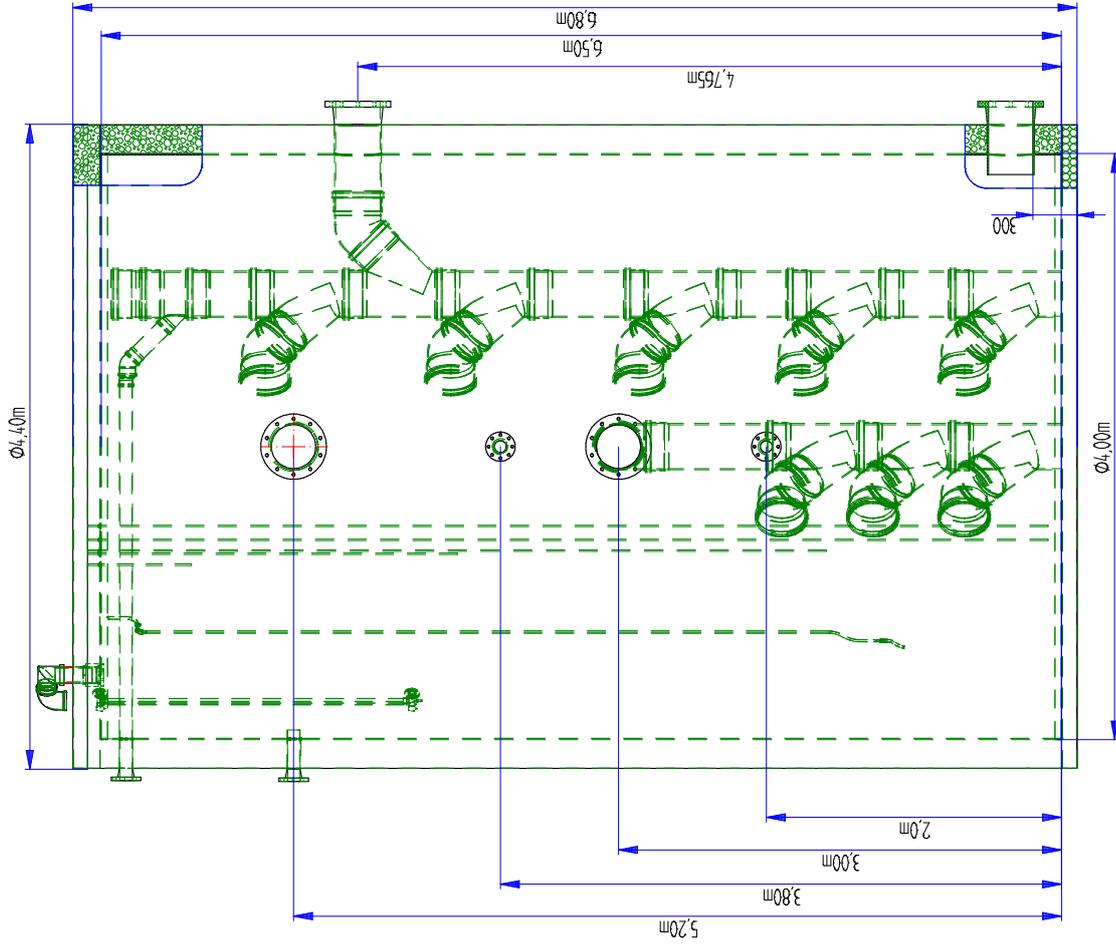
Our 79,000 l tank is 6.8 m high and covers two floors



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Medium: Wasser
 Inhalt: 79,000l



Multitab: - - Gewicht: -

Fertigungszeichnung
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Zust.	Änderung	Datum	Name	Typ

Bericht	Datum	Name

Gepr.	Name

Dr.	Name

Blatt	Blatt
1	8

Technische Änderungen sowie Irrtümer vorbehalten / subject to technical changes and mistakes