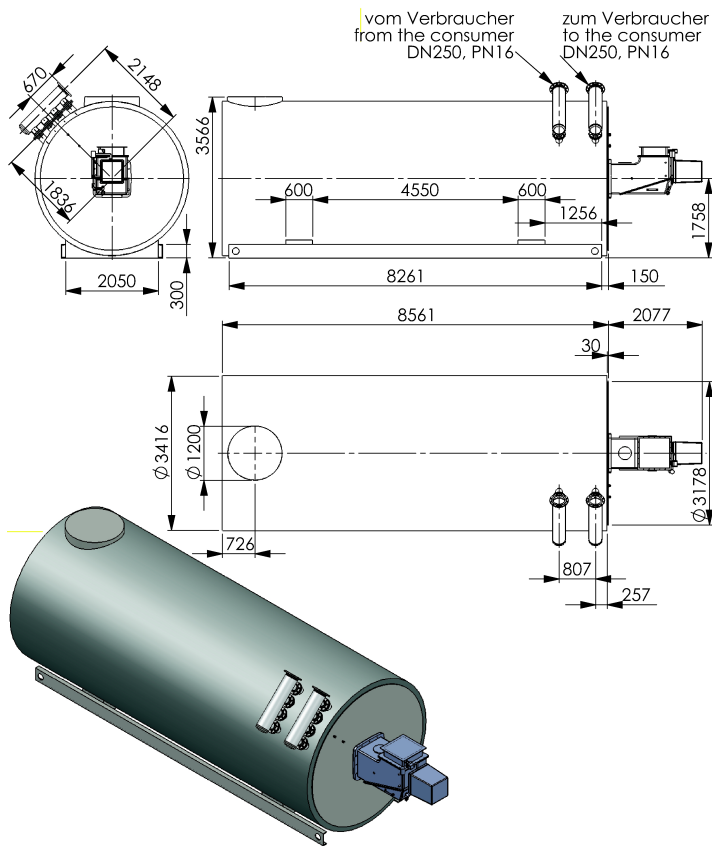


Heater type: **TH-100**



Nominal capacity	10000 kW
Thermal fluid content	10266 l
Weight without filling	26900 kg
Nominal thermal fluid volume flow	704 m ³ /h
Thermal fluid pressure drop	27 m flc.
Design temperature	300 °C
Temperature difference outlet - inlet	25 K
Heating surface	311,27 m ²
Insulation thickness	150 mm
Recommended pump size @ 15mflc remaining height to provide consumers	250-400
Recommended motor power	110 kW

	LFO firing	Natural Gas firing
Thermal efficiency:	85,78 %	84,86 %
Fuel consumption:	982,91 kg/h	1178,41 Nm ³ /h
Furnace pressure drop:	1654 Pa	1717 Pa
Combustion air consumption:	13110 Nm ³ /h	12687 Nm ³ /h
Exhaust gas outlet volume flow:	13911 Nm ³ /h	13980 Nm ³ /h
Exhaust gas outlet temperature:	326 °C	329 °C
Specific furnace load:	410 kW/m ³	414 kW/m ³