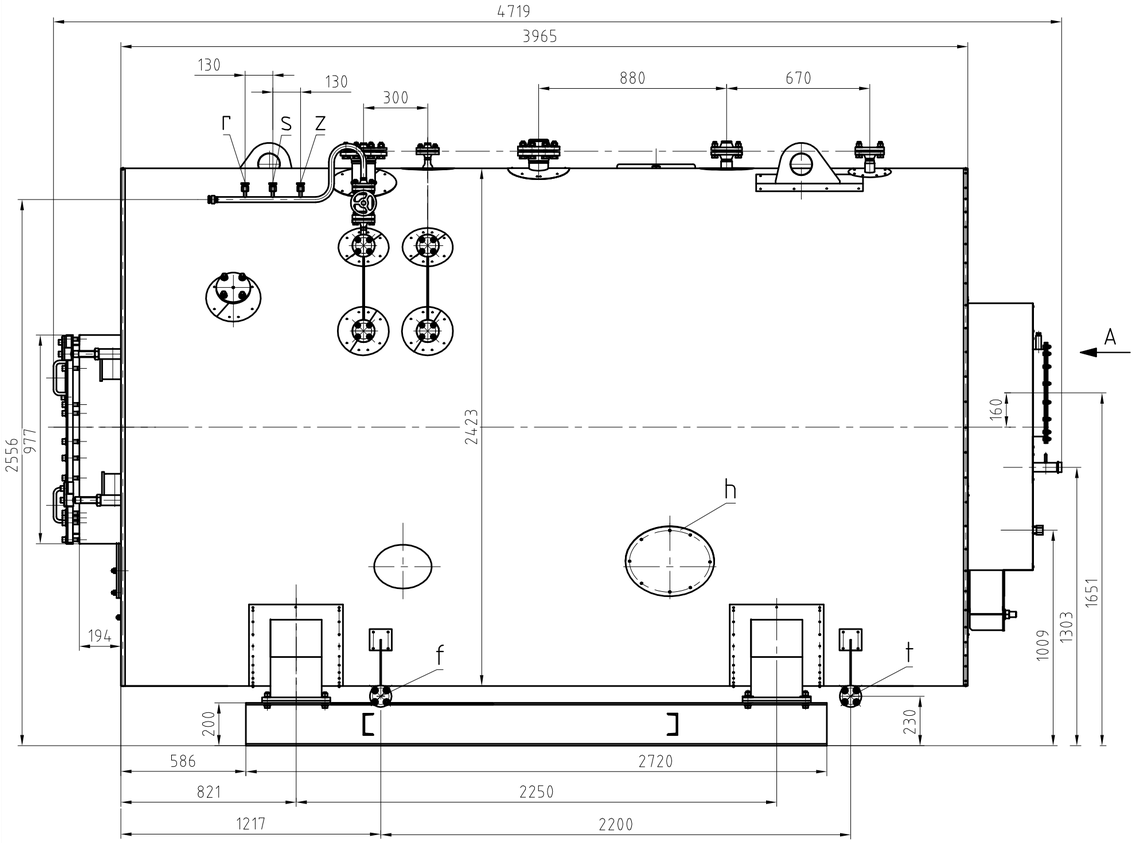

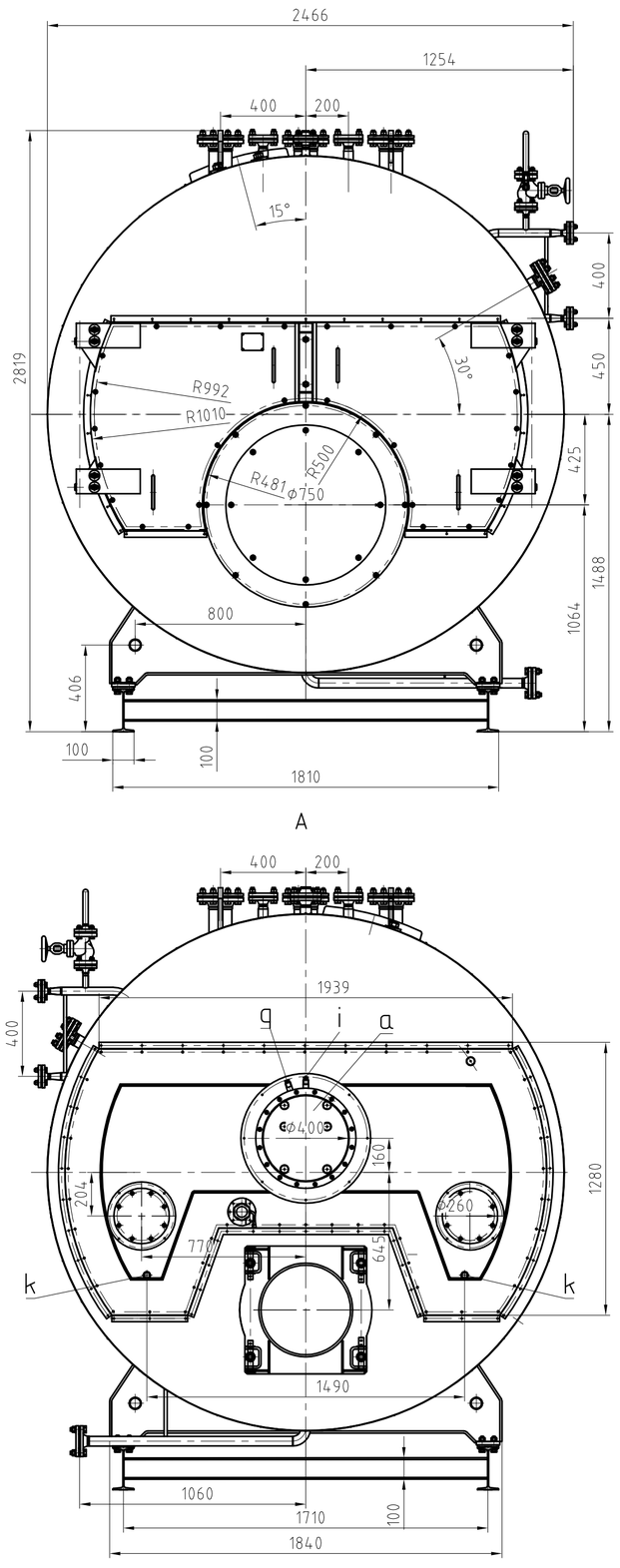

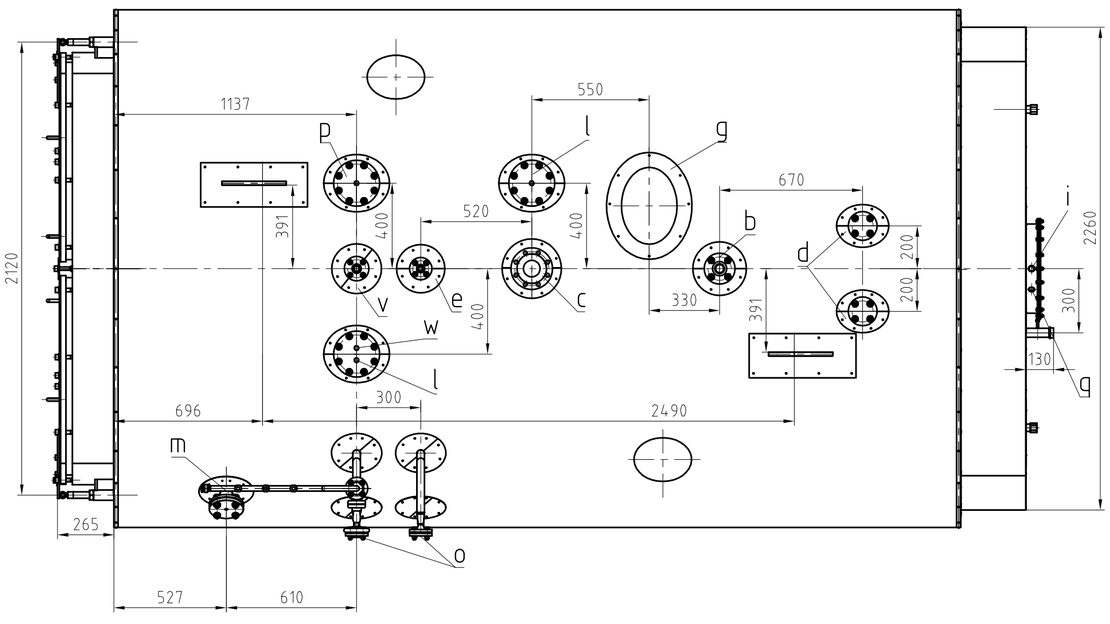

Design data

Boiler model – TT200		
Boiler type – STEAM / WET BACK		
Design EN 12953		
Description	Unit	Value
Steam capacity (nominal load):	tn / h	3,0
Steam outlet temperature	°C	+191
Feed water temperature	°C	+104
Design pressure	bar	12,4
Max. working pressure	bar	12,0
Hydro test pressure	bar	20,0
Trip pressure safety valve	bar	12,0
Boiler weight	kg	10510
Volume of water	m^3	7,2

Connection table

Desig-nation	Application	Amo-unt	Diameter (DN), mm	Pressure (PN), bar	Flanges
a	Flue gas exhaust	1	400	0,1	ISO 7005-1:2011
b	Feed water inlet	1	40	16	ISO 7005-1:2011
c	Steam outlet	1	80	16	ISO 7005-1:2011
d	Safety valve	2	32	40	ISO 7005-1:2011
e	Desalting control valve	1	20	16	ISO 7005-1:2011
f	Water drain	1	40	16	ISO 7005-1:2011
g	Sight hole	1	335x435	–	–
h	Sight hole	2	230x330	–	–
i	Gas analyzer	1	G1/2-B	–	–
k	Condensate drain	2	G1-B	–	–
o	Water level indicator	4	20	16	ISO 7005-1:2011
l	Level limiter min	2	G3/4-B	–	–
w	Level limiter max	1	G3/4-B	–	–
p	Level transducer	1	G3/4-B	–	–
m	Conductivity transducer	1	G1-B	–	–
q	Flue gas temperature sensor	1	G1/2-B	–	–
r	Pressure gauge	1	G1/2-B	–	–
s	Pressure limiter	1	G1/2-B	–	–
z	Pressure transducer	1	G1/2-B	–	–
t	Quick shut-off blow down valve	1	40	16	ISO 7005-1:2011
v	Drain air valve	1	25	16	ISO 7005-1:2011

NOTES:

All dimensions are in mm.

The design of the boiler complies with the General safety requirements PED 2014/68/EU Annex I and the standards of the series EN 12953.

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Rev	Stage	Main Number	Date	Primary CAD	Date	Project	№ 0000	Drawing number	Drawing	Bar CODE	Weight (kg)	Scale	1:20		Page
A	Final			Ef.163.000.001 gch		Steam boiler TT200 Evaporation capacity 3 t/h, 12 bar			Boiler		10510	Size	A2	ENTROPIE	01/01
												Part	TM		