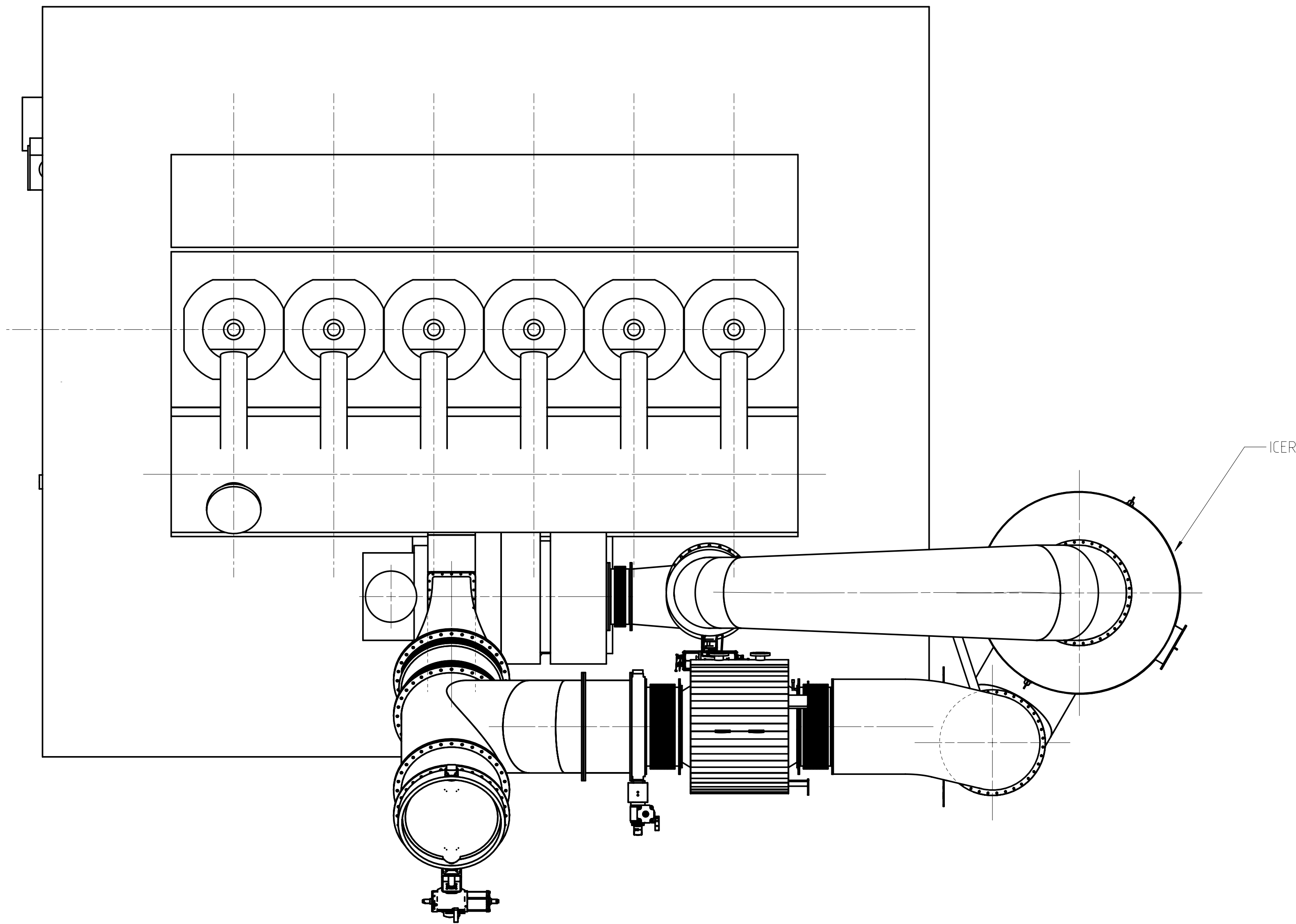
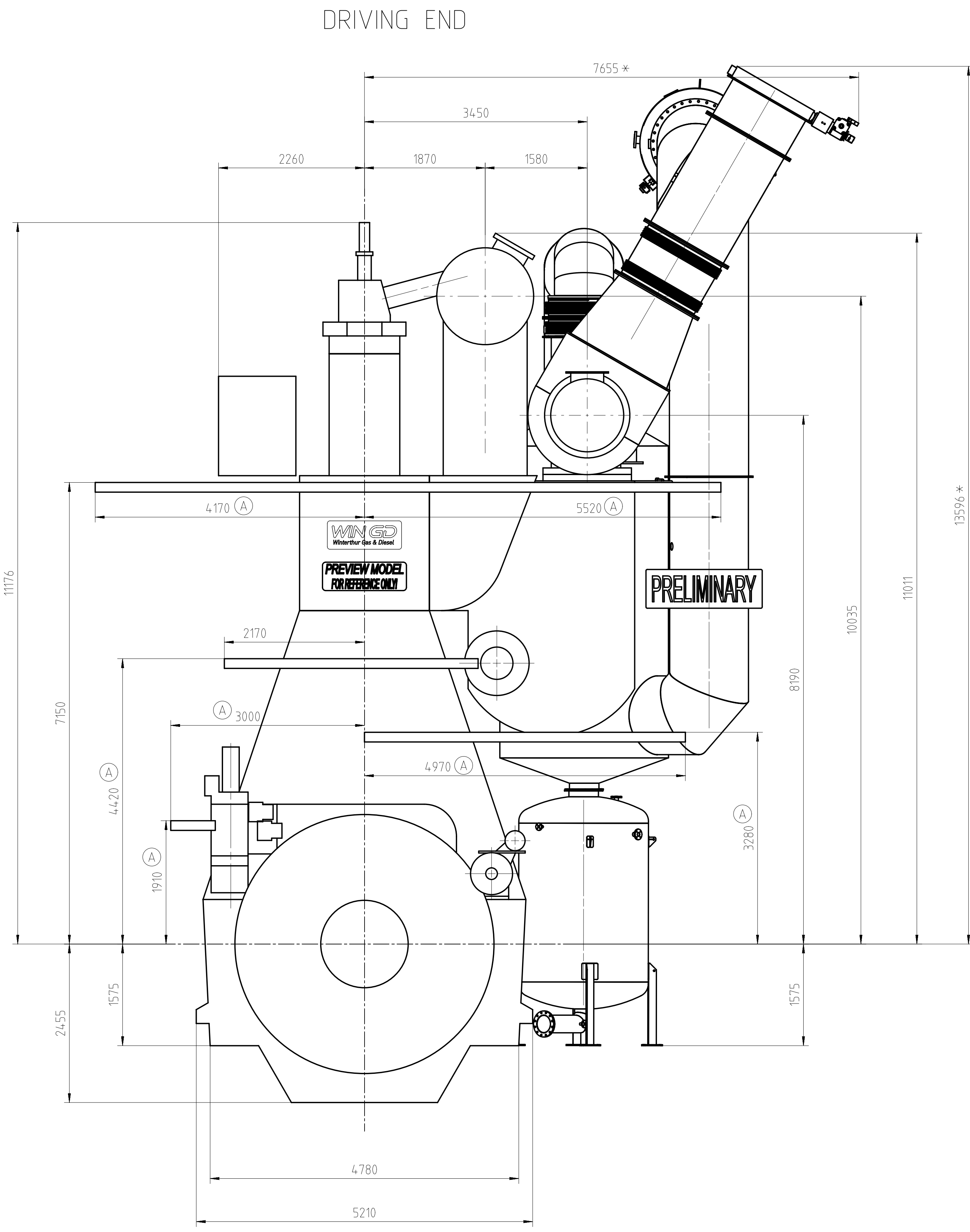
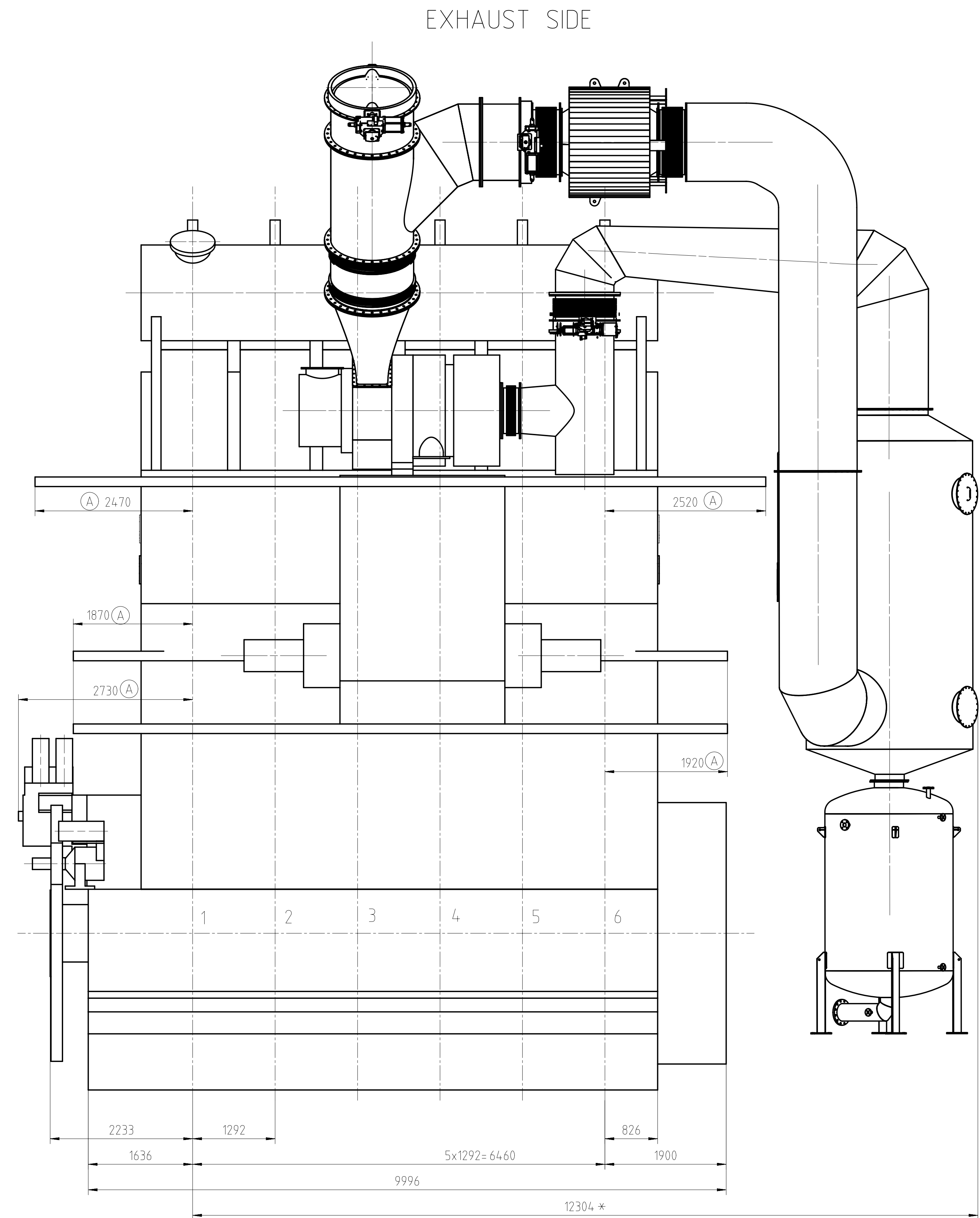


SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD187129	DISMANTLING DIMENSIONS				0.001
Prod.	6 X72DF-2.1						
Change History							
	A	rth101	rfl002	03.08.2022	CNAA002262	Platform updated	4 3
	-	qyi101	sth017	22.06.2021	CNAA000156	main drawing introduced	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			ENGINE OUTLINE VIEW ICER				
Bill Of Material			Dimension				
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			Main Design	Yes	Design Group	0812 Q-Code XXXXX	Standard WDS
			Qty per	Engine	A4	Item ID PTAA000078	BOM Page/s 01/01



TURBOCHARGER 1xMET71MB
*Defined by shipyard

Prod		6X72DF-2,1									
Change History											
A	rh101	rt1002	03.08.2022	CNA0002262	Platform updated					4	3
-	gy1001	sth017	22.06.2021	CNA000056	main drawing introduced					-	-
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis		Approved		Activity Code		E C
WINGD		ENGINE OUTLINE VIEW		ICER							
separate BOM available		Dimension									
Scale	1:50	Units	mm	kg	Basic Material		Net Weight		0.001		
Main Design		Yes	Design Group		0812		Q-Code XXXXX		Standard WDS		
Qty per		A0	Item ID		PTAA000078		Drawing Page		1/1		

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SURFACE PROTECTION SEE GROUP 0364
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

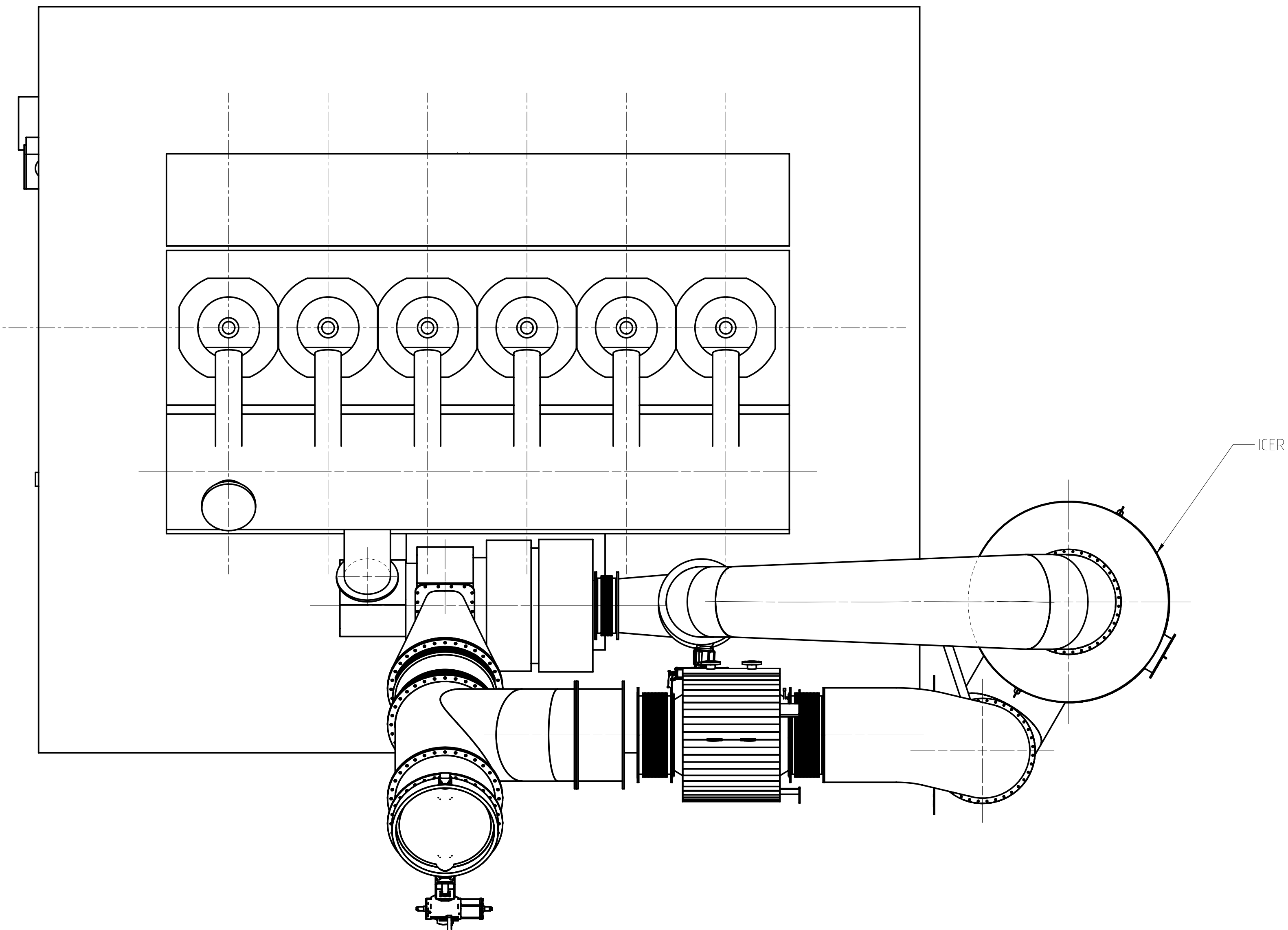
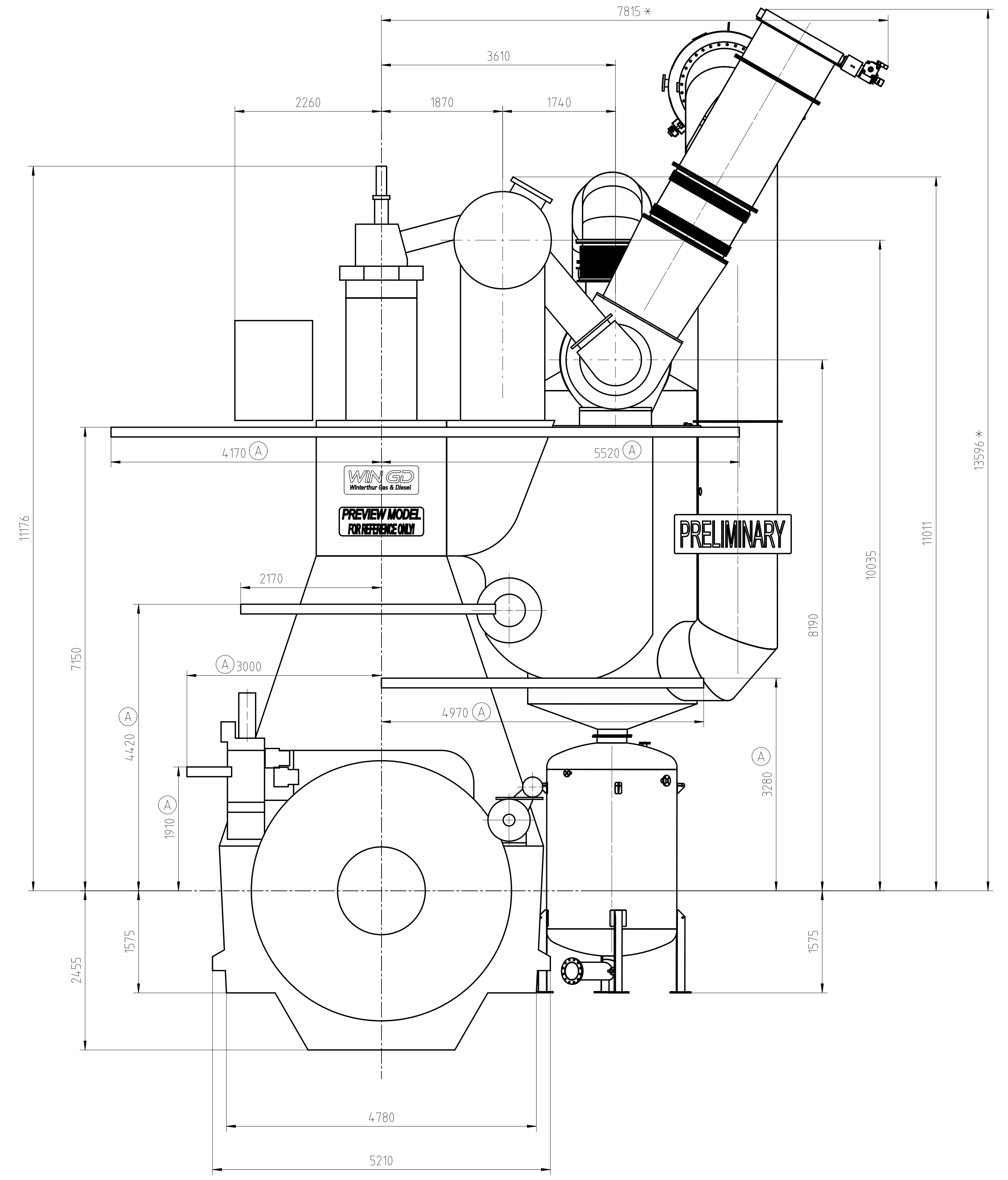
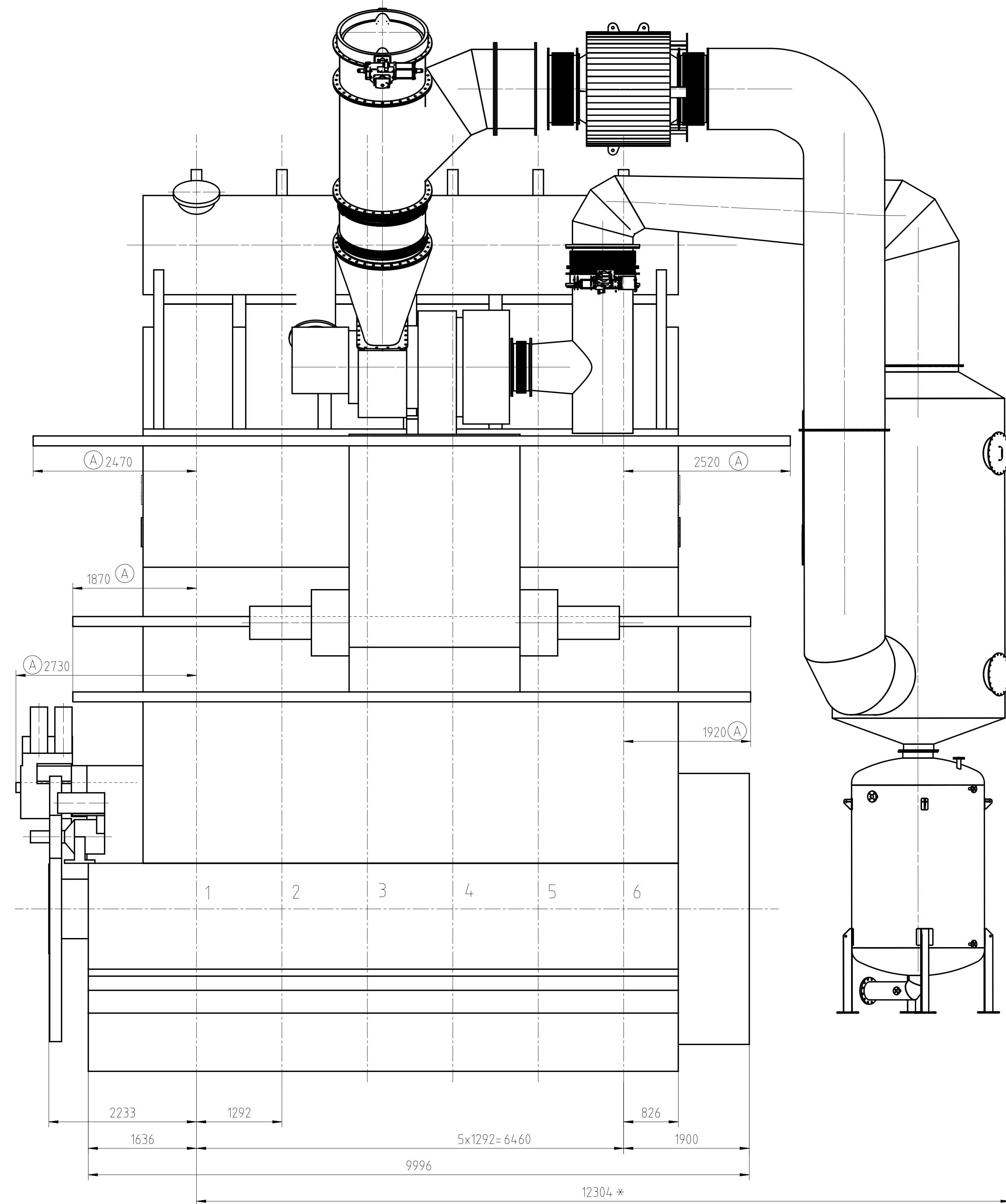
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SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD187129	DISMANTLING DIMENSIONS				0.001
Prod.	6 X72DF-2.1						
Change History							
	A	rth101	rfl002	03.08.2022	CNAA002262	Platform updated	4 3
	-	wta101	sth017	22.06.2021	CNAA000156	main drawing introduced	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			ENGINE OUTLINE VIEW ICER				
Bill Of Material			Dimension				
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			Main Design	Yes	Design Group	0812 Q-Code XXXXX	Standard WDS
			Qty per	Engine	A4	Item ID PTAA002929	BOM Page/s 01/01

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EXHAUST SIDE

DRIVING END



TURBOCHARGER 1xA275L

* Defined by shipyard

Print		6X7DF-2-1						
Change History	A	rh101	03.08.2022	03A0002262	Extended for bigger Turbocarbcher.		4	3
	-	wta101	22.06.2021	03A0000556	main drawing introduced		-	-
	Rev. Creator	Approver	Approval Date	Change ID	Change Synopsis		Approved	Activity Code
E		C						
			ENGINE OUTLINE VIEW ICER					
separate BOM available			Dimension					
Scale 1:50  NX			Units [mm] [kg]		Basic Material		Net Weight 0.001	
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			City per Engine A0		Item ID		PTAA002929	
			Drawing Page/s 1/1					

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SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO IS

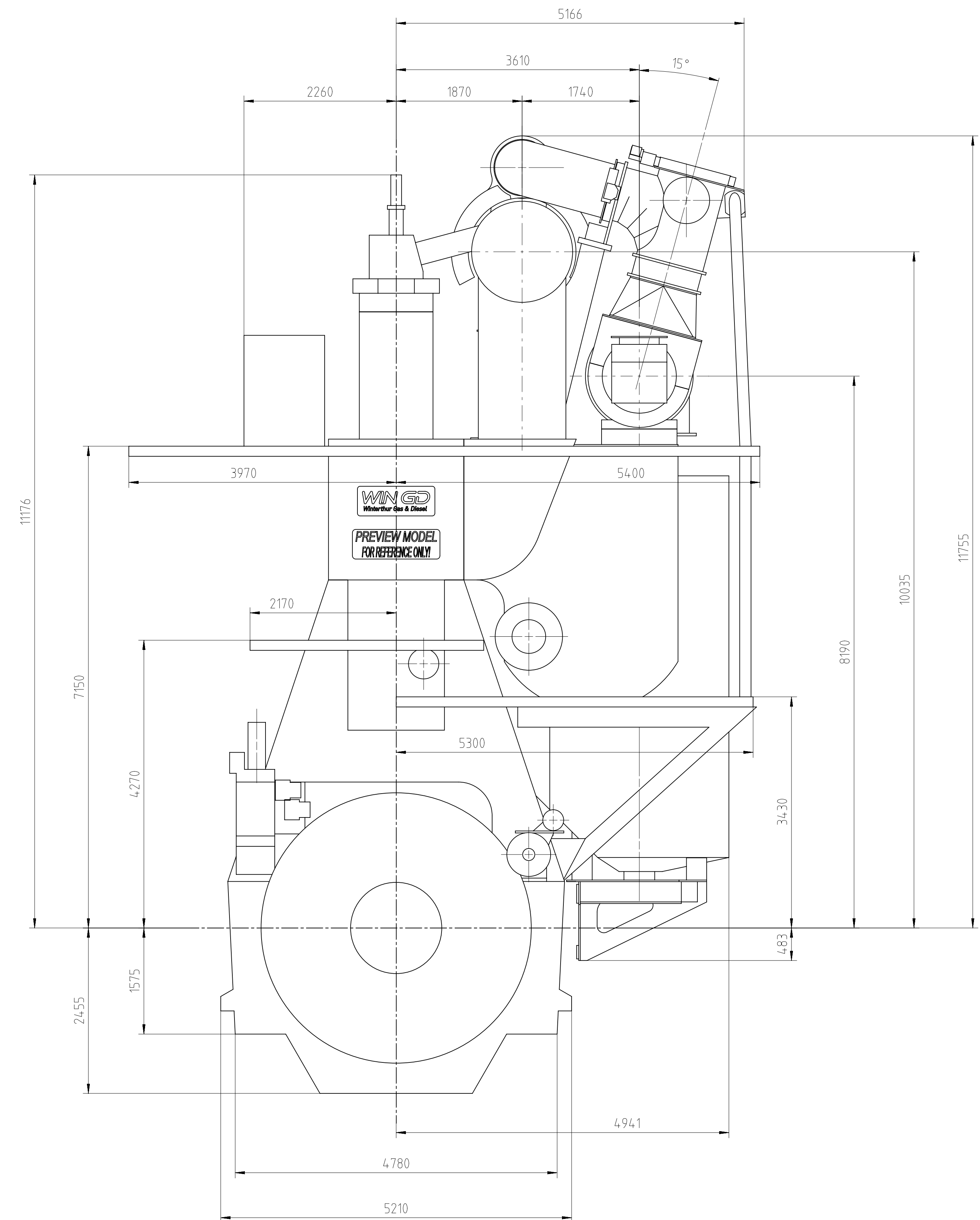
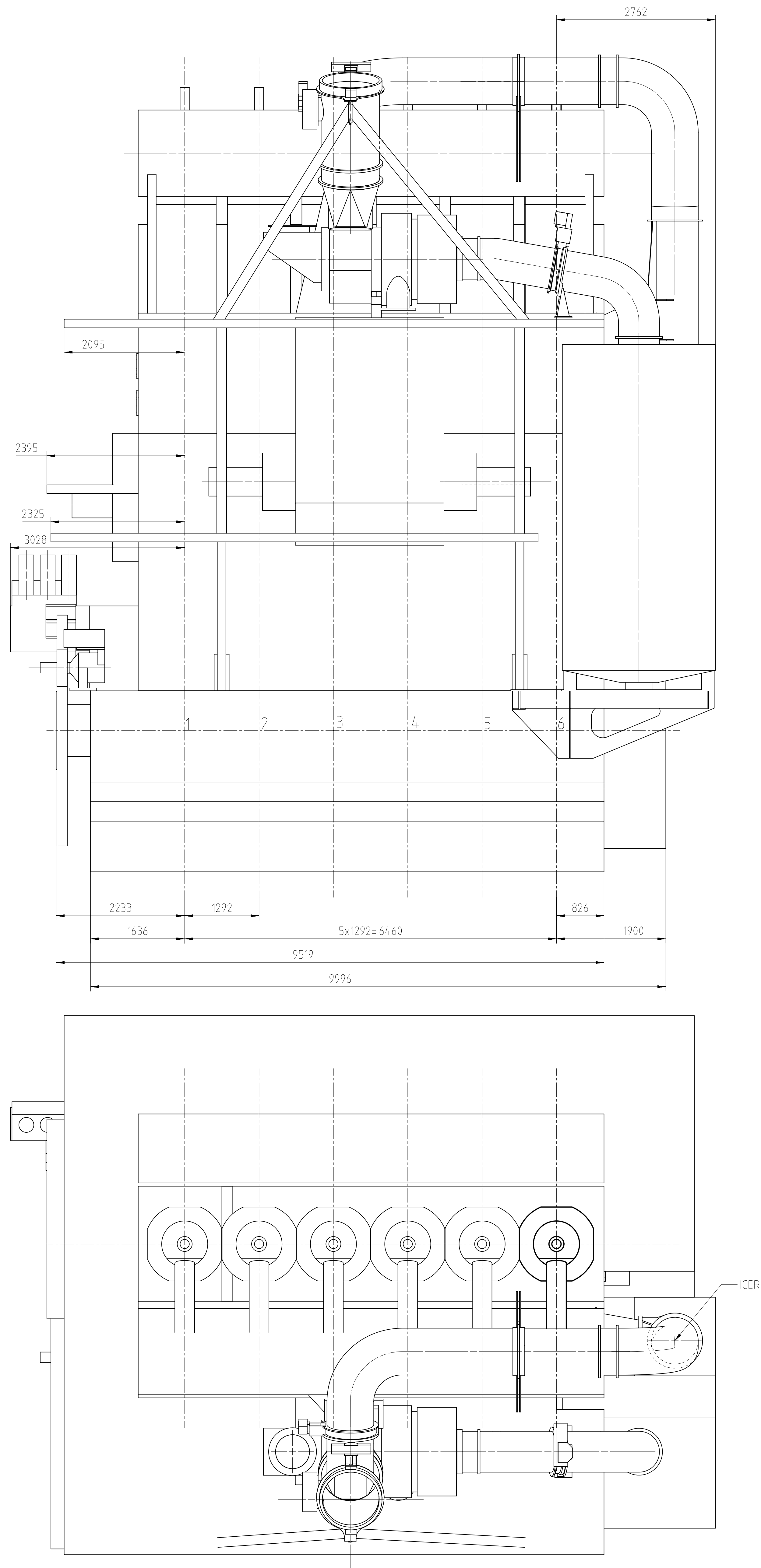
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Qty per		Engine	A0	Item ID	PTAA002929			Drawing Pages	1/1	

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD187129	DISMANTLING DIMENSIONS				0.001
Prod.	6 X72DF-2.1						
Change History							
	-	wta101	sth017	14.12.2022	CNAA002944	Main Design/Drawing Introduced	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			ENGINE OUTLINE VIEW ICER ON ENGINE				
Bill Of Material			Dimension				
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				Main Design	Yes	Design Group 0812	Q-Code XXXXX Standard WDS
				Qty per	Engine	A4	Item ID PTAA051468 BOM Page/s 01/01

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EXHAUST SIDE

DRIVING END



TURBOCHARGER 1xA175L

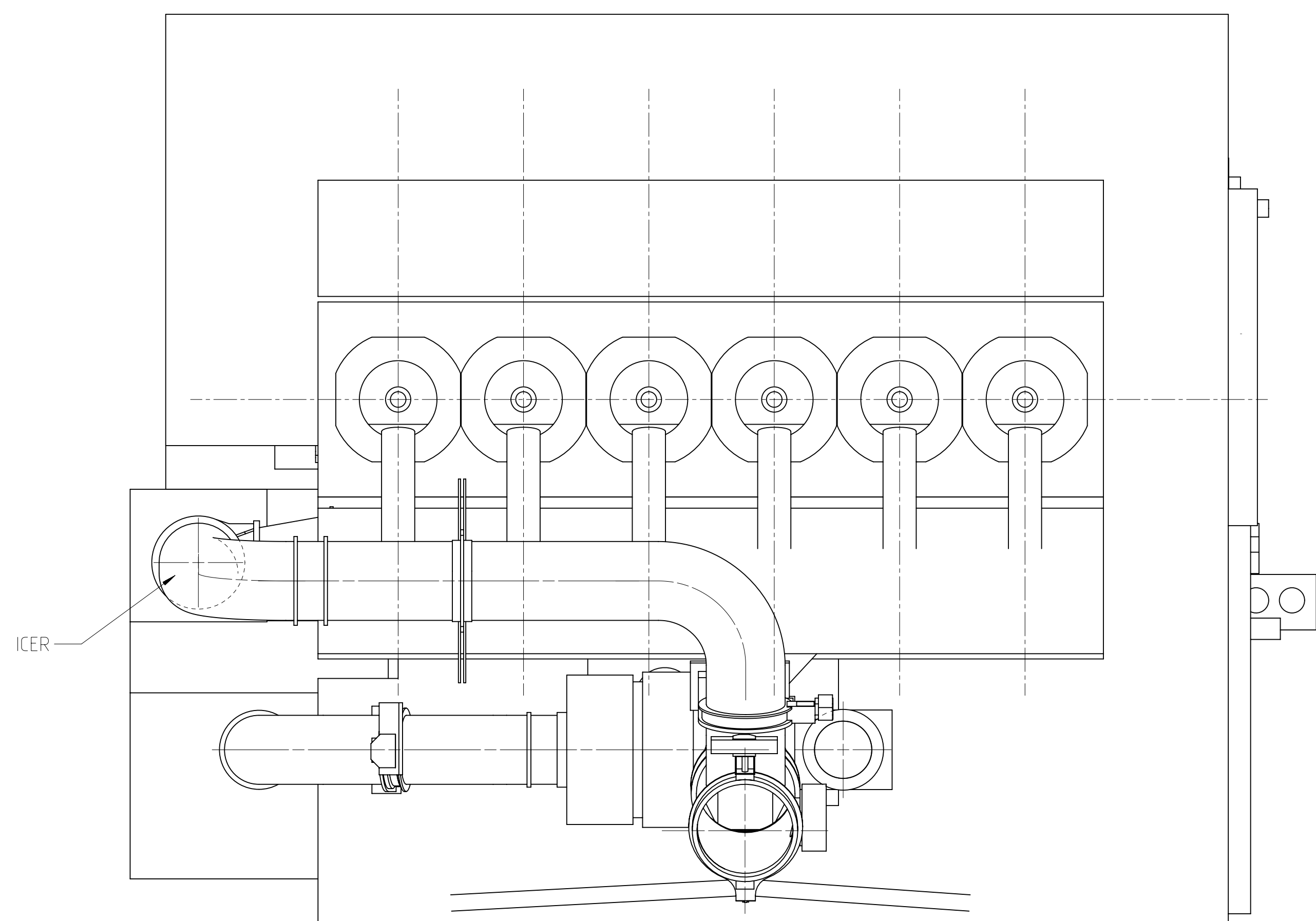
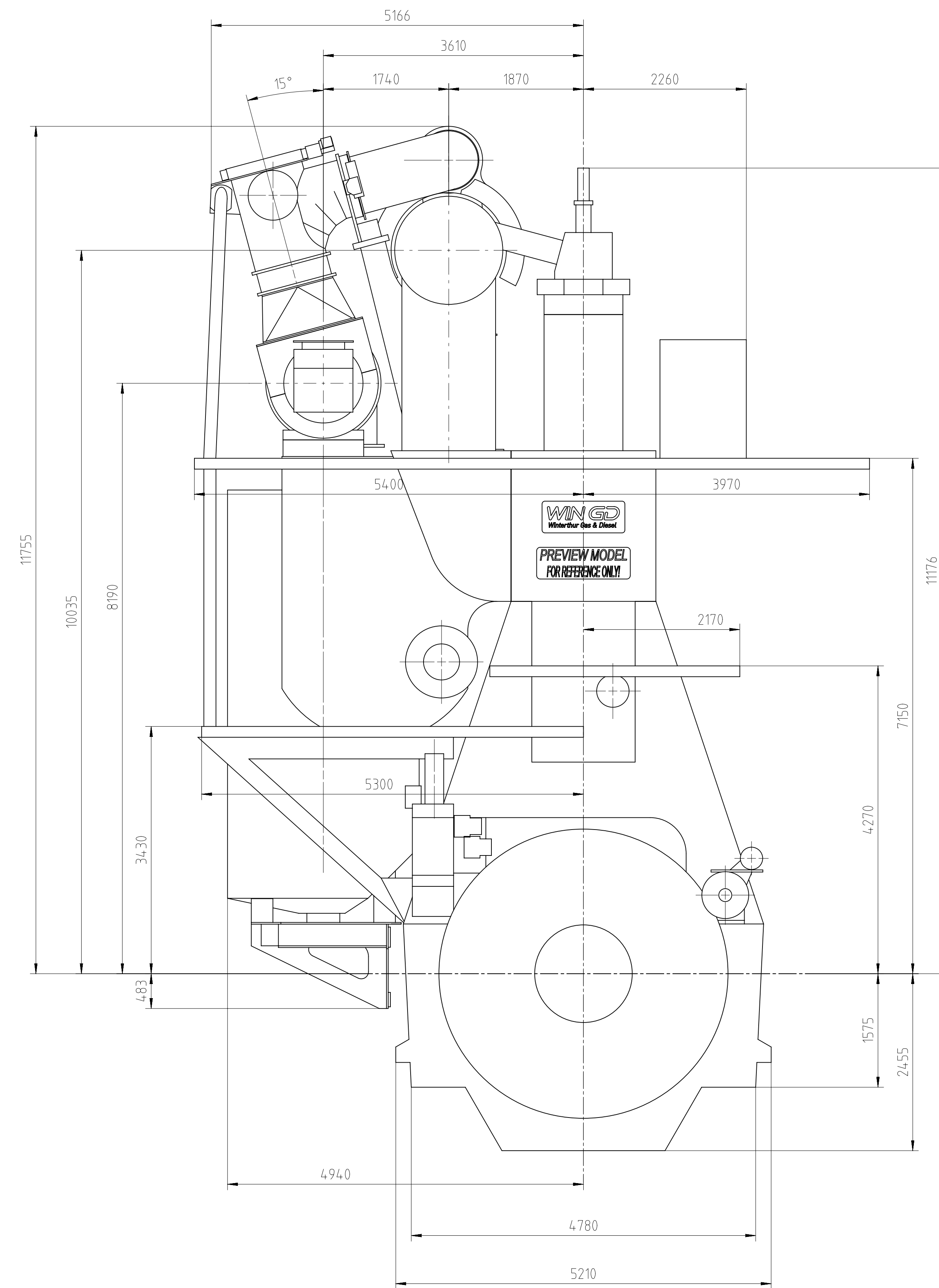
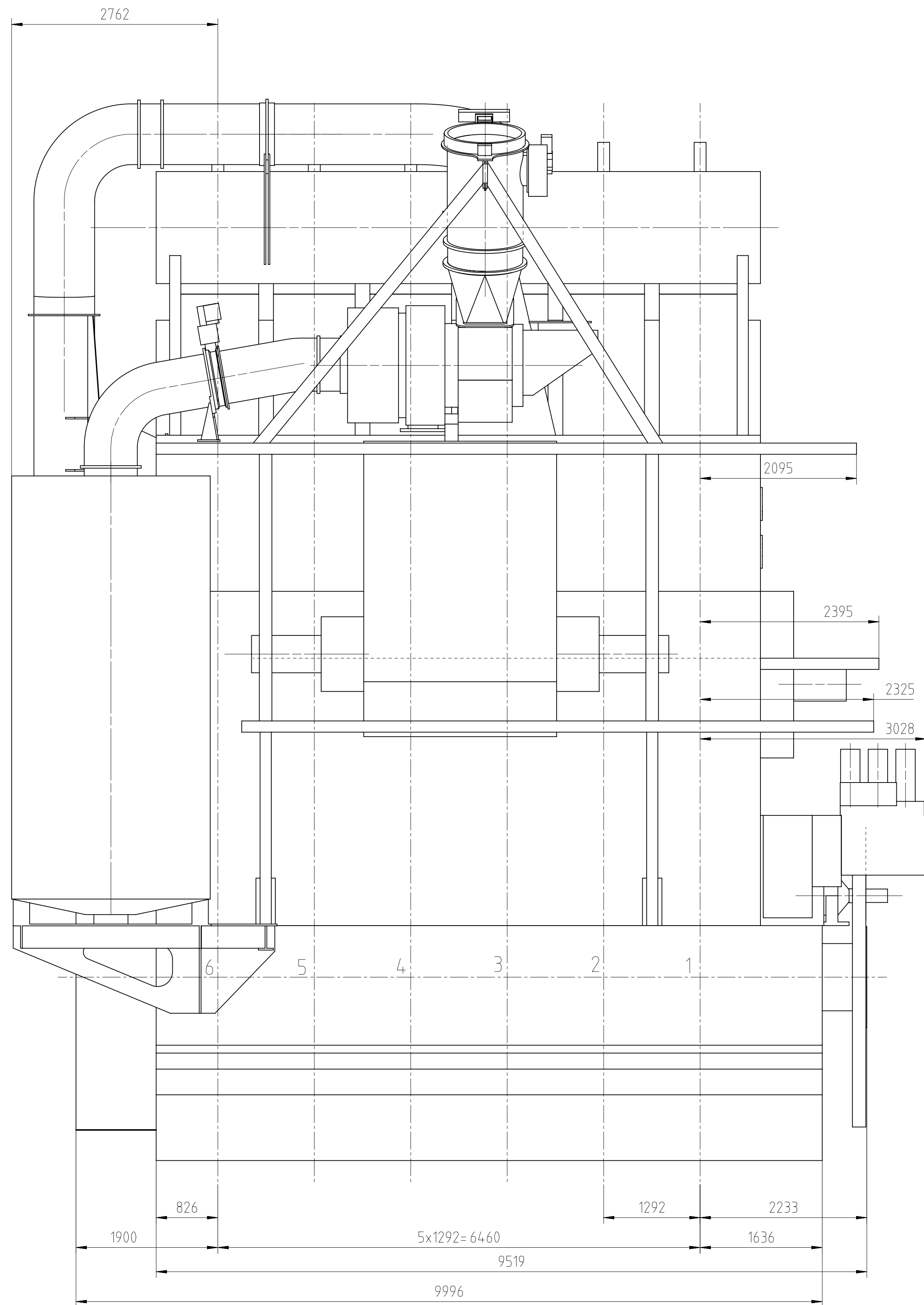
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SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD187129	DISMANTLING DIMENSIONS				0.001
Prod.	6 X72DF-2.1						
Change History							
	-	wta101	sth017	14.12.2022	CNAA002944	Main Design/Drawing Introduced	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			ENGINE OUTLINE VIEW ICER ON ENGINE (LEFT)				
Bill Of Material			Dimension				
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			Main Design	Yes	Design Group	0812 Q-Code XXXXX	Standard WDS
			Qty per	Engine	A4	Item ID PTAA051470	BOM Page/s 01/01

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EXHAUST SIDE

DRIVING END



TURBOCHARGER 1xA175L

[illegible]

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SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015
GENERAL TOLERANCES ACCORDING TO

Scale	1:30	Unit	(mm)	(kg)	Basic Material		Net Weight	0.00		
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Main Design	Yes	Qty per	Engine	A0	Item ID	PAA05140	Drawing Page/s	1/1		

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Kolben mit Stange komplett
und Stopfbuechse
PISTON WITH ROD COMPLETE
AND GLAND BOX

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

X72DF = 2800 kg
X72-B = 2880 kg (B)

Zylindereinsatz und Wasserleitmantel
CYLINDER LINER AND WATER
GUIDE JACKET

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

X72DF = 6400 kg
X72-B = 6250 kg (B)

Zylinderdeckel mit Auslassventil
komplett und Wasserleitmantel
CYLINDER COVER WITH EXHAUST
VALVE COMPLETE AND WATER
GUIDE JACKET

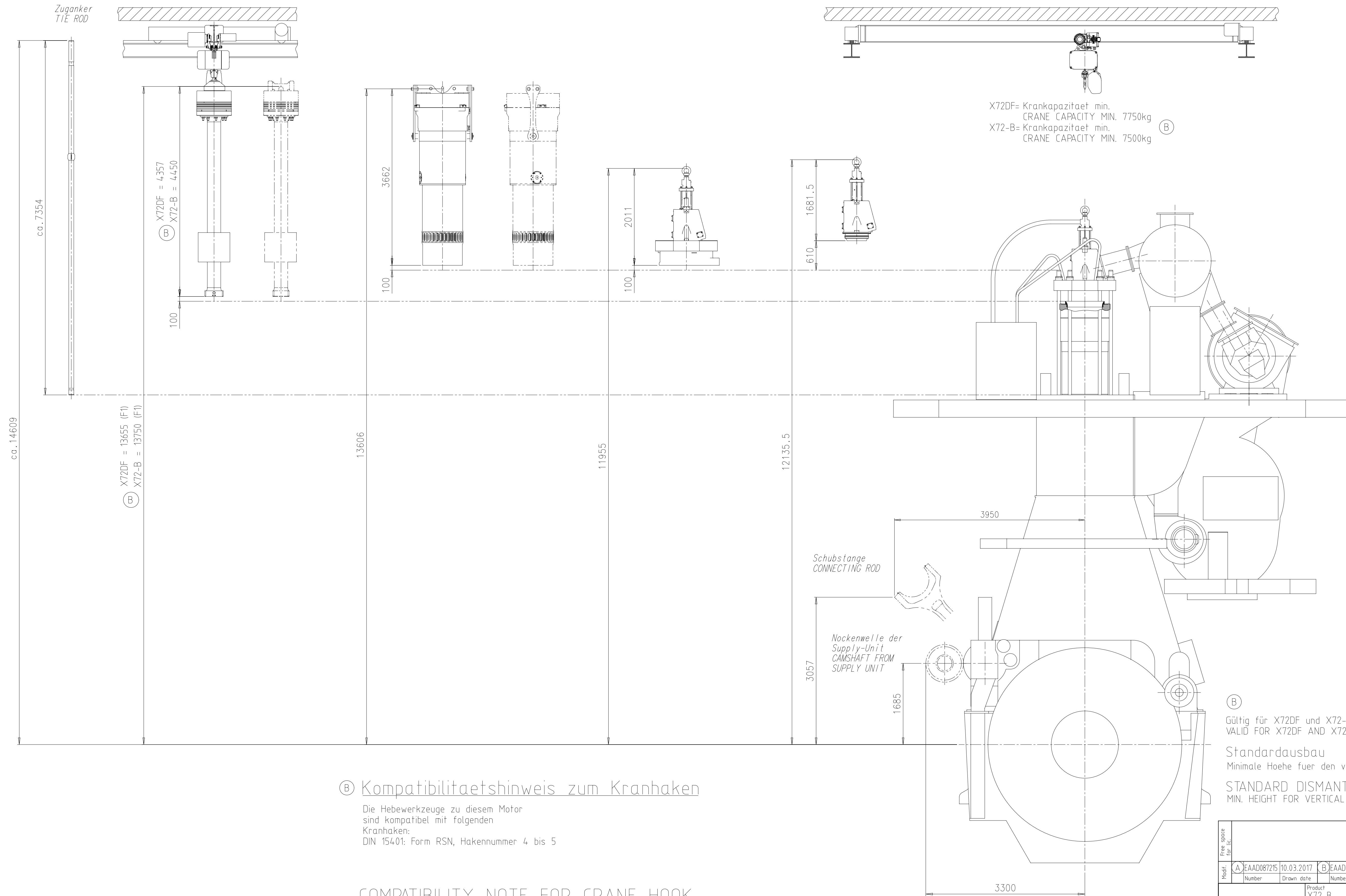
Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

$X72DF = 4180 \text{ kg}$
 $X72-B = 4370 \text{ kg}$

Auslassventil komplett
EXHAUST VALVE COMPLETE

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

1050 kg (B)



⑤ Kompatibilitaetshinweis zum Kranhaken

Die Hebwerkzeuge zu diesem Motor
sind kompatibel mit folgenden
Kranhaken:
DIN 15401: Form RSN, Hakennummer 4 bis 5

COMPATIBILITY NOTE FOR CRANE HOOK


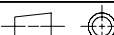
THE LIFTING TOOLS FOR THIS ENGINE
ARE COMPATIBLE WITH FOLLOWING
CRANE HOOK:
DIN 15401: SHAPE RSN, HOOK NUMBER 4 TO 5

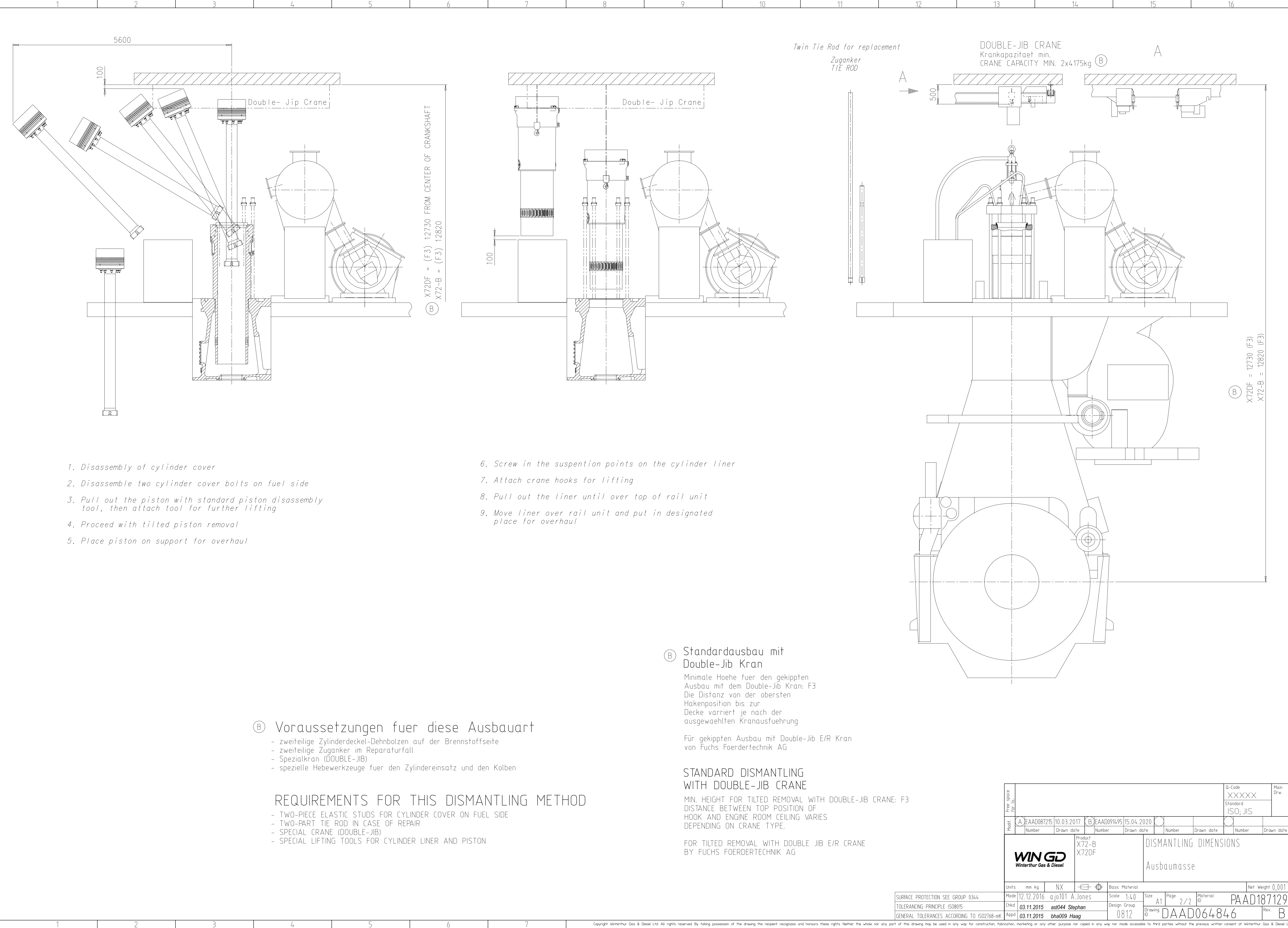
Ⓑ

Gültig für X72DF und X72-B
VALID FOR X72DF AND X72-B

Standardausbau
Minimale Hoehe fuer den vertikalen Ausbau: F1

STANDARD DISMANTLING
MIN. HEIGHT FOR VERTICAL REMOVAL: F1

Free space for file	Q-Code										Main Brw.
	XXXXXX										
	Standard ISO: JIS										
Modif.	A	EAAD087215	10.03.2017	B	EAAD091495	15.04.2020					
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date	
 WIN GD <i>Winterthur Gas & Diesel</i>				Product X72-B X72DF		DISMANTLING DIMENSIONS Ausbaumasse					
Units	mm	kg	NX				Basic Material			Net Weight 0,001	
Made	12.12.2016		ajo101 A.Jones			Scale 1:40		Size A1	Page 1/2	Material ID	PAAD187129
Chkd	03.11.2015		asi044 Stephan			Design Group		Drawing ID	DAAD064846	Rev.	B
Appd	03.11.2015		bha009 Haag			0812					



1. Disassembly of cylinder cover
2. Disassemble two cylinder cover bolts on fuel side
3. Pull out the piston with standard piston disassembly tool, then attach tool for further lifting
4. Proceed with tilted piston removal
5. Place piston on support for overhaul

6. Screw in the suspension points on the cylinder liner
7. Attach crane hooks for lifting
8. Pull out the liner until over top of rail unit
9. Move liner over rail unit and put in designated place for overhaul

- Ⓑ Voraussetzungen fuer diese Ausbauart
- zweiteilige Zylinderdeckel-Dehnbolzen auf der Brennstoffseite
 - zweiteilige Zuganker im Reparaturfall
 - Spezialkran (DOUBLE-JIB)
 - spezielle Hebewerkzeuge fuer den Zylindereinsatz und den Kolben

REQUIREMENTS FOR THIS DISMANTLING METHOD

- TWO-PIECE ELASTIC STUDS FOR CYLINDER COVER ON FUEL SIDE
- TWO-PART TIE ROD IN CASE OF REPAIR
- SPECIAL CRANE (DOUBLE-JIB)
- SPECIAL LIFTING TOOLS FOR CYLINDER LINER AND PISTON

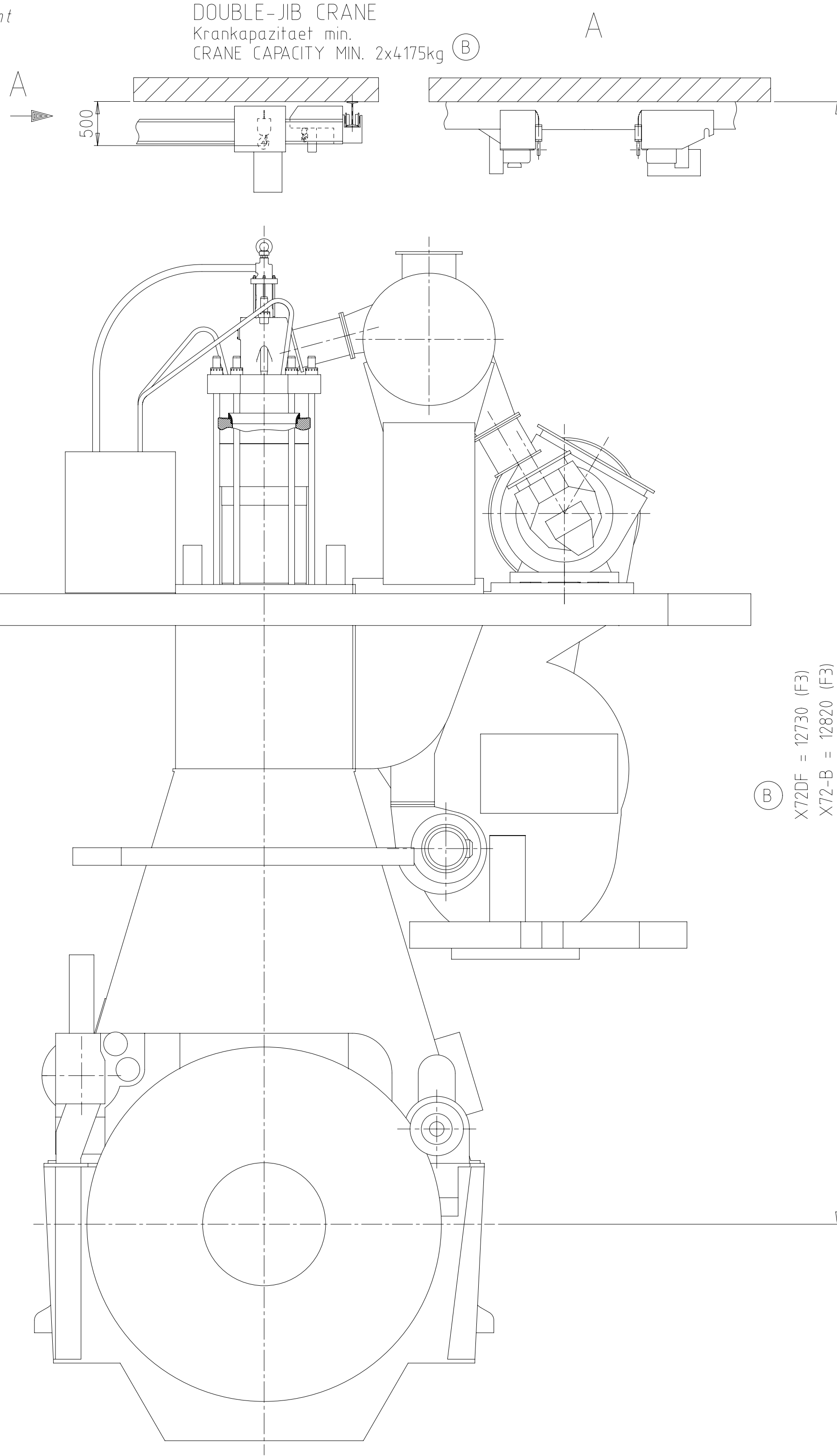
- Ⓑ Standardausbau mit Double-Jib Kran
- Minimale Hoehe fuer den gekippten Ausbau mit dem Double-Jib Kran: F3
Die Distanz von der obersten Hakenposition bis zur Decke varriert je nach der ausgewaehlten Kranausfuehrung

Für gekippten Ausbau mit Double-Jib E/R Kran
von Fuchs Foerdertechnik AG

STANDARD DISMANTLING WITH DOUBLE-JIB CRANE

MIN. HEIGHT FOR TILTED REMOVAL WITH DOUBLE-JIB CRANE: F3
DISTANCE BETWEEN TOP POSITION OF HOOK AND ENGINE ROOM CEILING VARIES DEPENDING ON CRANE TYPE.

FOR TILTED REMOVAL WITH DOUBLE JIB E/R CRANE
BY FUCHS FOERDERTECHNIK AG



Free space for file		0-Code		Main	
XXXXXX		Standard		Drw.	
ISO; JIS					
Modif.	A	EAAD087215	10.03.2017	B	EAAD091495
Number		Drawn date		Number	Drawn date
Product	X72-B		X72DF		
DISMANTLING DIMENSIONS		Ausbaumasse			
Units	mm kg	NX	Basic Material	Net Weight 0,001	
Made	12.12.2016	ajo101 A.Jones	Scale 1:40	Size A1	Page 2/2
Chkd	03.11.2015	ast044 Stephan	Design Group	Material ID	PAAD187129
Appd	03.11.2015	bha009 Haag	0812	Drawing ID	DAAD064846
Rev. B					

WinGD - 6X72DF-2.1 _Engine Outline Views

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-06-23	DRAWING SET	First web upload
2021-09-14	PTAA002929	New Engine outline view drawing for Turbocharger type 1xA275-L (ICER) has been added.
2022-08-23	PTAA000078 PTAA002929	Revised Engine outline view drawing for Turbocharger type 1xMET 71MB and 1xA275-L (ICER) have been added.
2023-01-02	PTAA051468 PTAA051470	New Engine outline view drawing for Turbocharger type 1xA175-L (ICER ON ENGINE) STD/LEFT have been added.

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