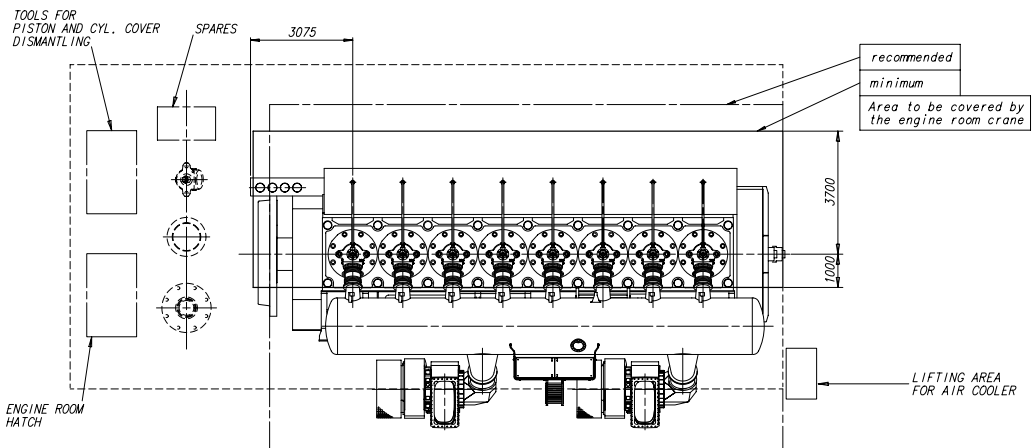
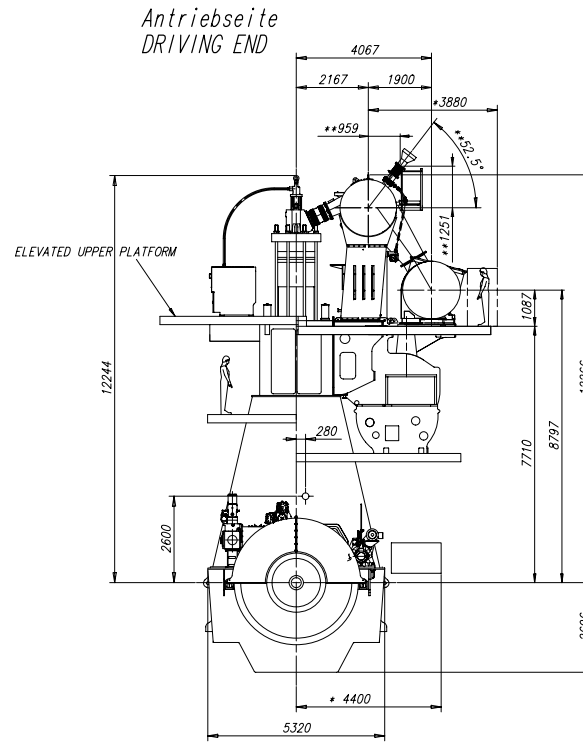
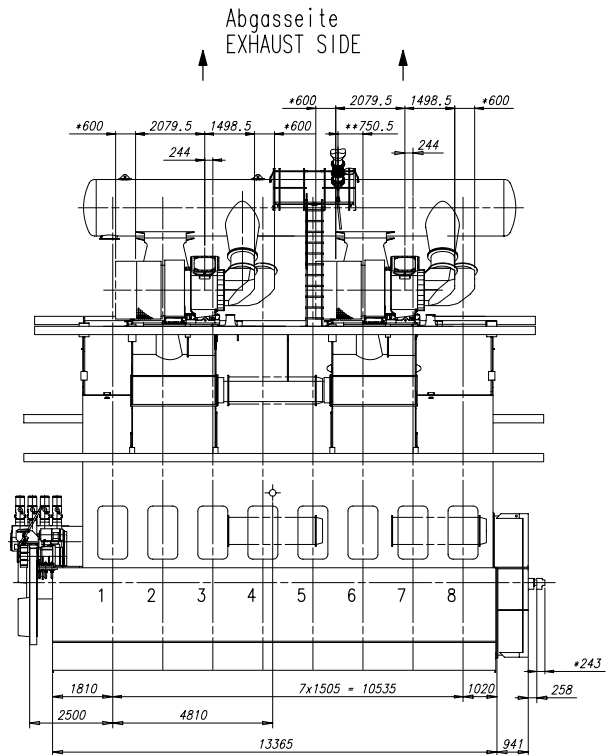


Download
"DXF file"



PLEASE NOTE:

MAIN STAIRS WITH MORE THAN 4 STEPS ONLY
IN LONGITUDINAL DIRECTION OF THE ENGINE.

 = ca. Schwerpunkt
AB. CENTRE OF GRAVITY

Gewicht ohne Wasser und Oel = 1020 t
WEIGHT WITHOUT WATER AND OIL

TURBOCHARGER: 2x A280-L (A)



Elevated upper platform FPS

* Platz fuer Demontage
SPACE FOR REMOVAL

** WITH EXHAUST WASTE GATE
FOR LLT (OPTIONAL)
Winkel kann zwischen 40°-70° gewählt werden
je nach Angaben der Werft (gezeichnet für 52.5°)
ANGLE CAN BE CHOSEN FROM c°-70° ACCORDING
TO SHIPYARD RECOMMENDATION (DRAWN FOR 52.5°)

Net Weight		0.001									
1	002	PAAD122391	PLATFORM ARRANGEMENT PLAN			DAAD038061				0.001	
		107.404.311.500	DISMANTLING DIMENSIONS			107.404.311				0.001	
PER ENGINE		Material ID	Material Name		Dimensions/Occ. Dimension	Standard or Drawing	Basic Material		Material ID	Weight ID	
PAAD122392		Free space for list					C-Code		XXXXXX	Min. Draw.	
							Standard		ISO JIS	H	
Material ID	Serial	EA00084540	ISO 4013	EA00085139	26.03.2014						
	Number	Draw date	Number	Draw date	Number	Draw date	Number	Draw date	Number	Draw date	
			Planned WBX82		ENGINE OUTLINE VIEW Motorsansichten					Net Weight	
Units	mm kg	IDE				Basic Material				Net Weight	
Date	09.04.2013		szxud1 Zuercher		Scale	1:75		Size	A1		
Chad	11.04.2013		br1004 Roger		Design Group	0812		Page	1/1		
App'd	27.03.2014		bhd009 Hase		Drawing ID	DAAD038060		Rev.	A		

[illegible]

Part	The Price		G-Code XXXXXX Standard ISO: JIS		Main Dr.	
Model	C EAAD0847329.01.013	D EAAD084738	07.08.2013	E EAAD084739	24.10.2013	F EAAD094736
	Number	Drawn	Drawn date	Number	Drawn	Drawn date
Product W-82			DISMANTLING DIMENSIONS			
			Ausbaumassee			
Units	mm kg	NX	 Basic Material		Net Weight 0,001	
Model	23.01.2013	Invent	Neuenscheid	Jobnr	425	Size
Chd				Design Group	A0	Page
App				0812	1/3	Material
Drawn	29.08.2008	BHA009	Haug	Drawn G	107.4.04.311	500
2768-08						Rev.
						F

— DIMENSIONAL DRAWING - Confidential

Kolben mit Stange komplett 4160 kg (F)
und Stopfbuchse
PISTON WITH ROD COMPLETE
AND GLAND BOX

Zylindereinsatz und Wasserleitmantel 8080 kg (F)
CYLINDER LINER AND WATER GUID JACKET

Zylinderdeckel mit Auslassventil 5335 kg (F)
komplett und Wasserleitmantel
CYLINDER COVER WITH EXHAUST
VALVE COMPLETE AND WATER
GUIDE JACKET

Auslassventil komplett 1420 kg (F)
EXHAUS VALVE COMPLETE

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

Gewicht ohne Hebwerkzeug:
WEIGHT WITHOUT LIFTING TOOL:

(E) (F)
CRANE CAPACITY MIN. 2x5375 kg

Dehnbolzen-Oberteil entfernen
REMOVE ELASTIC BOLT UPPER HALF

Dehnbolzen-Oberteil entfernen
REMOVE ELASTIC BOLT UPPER HALF

(F) Standardausbau mit
Double-Jib Kran
Minimale Höhe fuer den vertikalen
Ausbau mit dem Double-Jib Kran: F2

Die Distanz von der obersten
Hakenposition bis zur
Decke variiert je nach der
ausgewählten Kranausführung



STANDARD DISMANTLING
WITH DOUBLE-JIB CRANE
MIN. HEIGHT FOR VERTICAL REMOVAL WITH DOUBLE-JIB CRANE F2
DISTANCE BETWEEN TOP POSITION OF HOOK
AND ENGINE ROOM CEILING VARIES DEPENDING
ON CRANE TYPE.

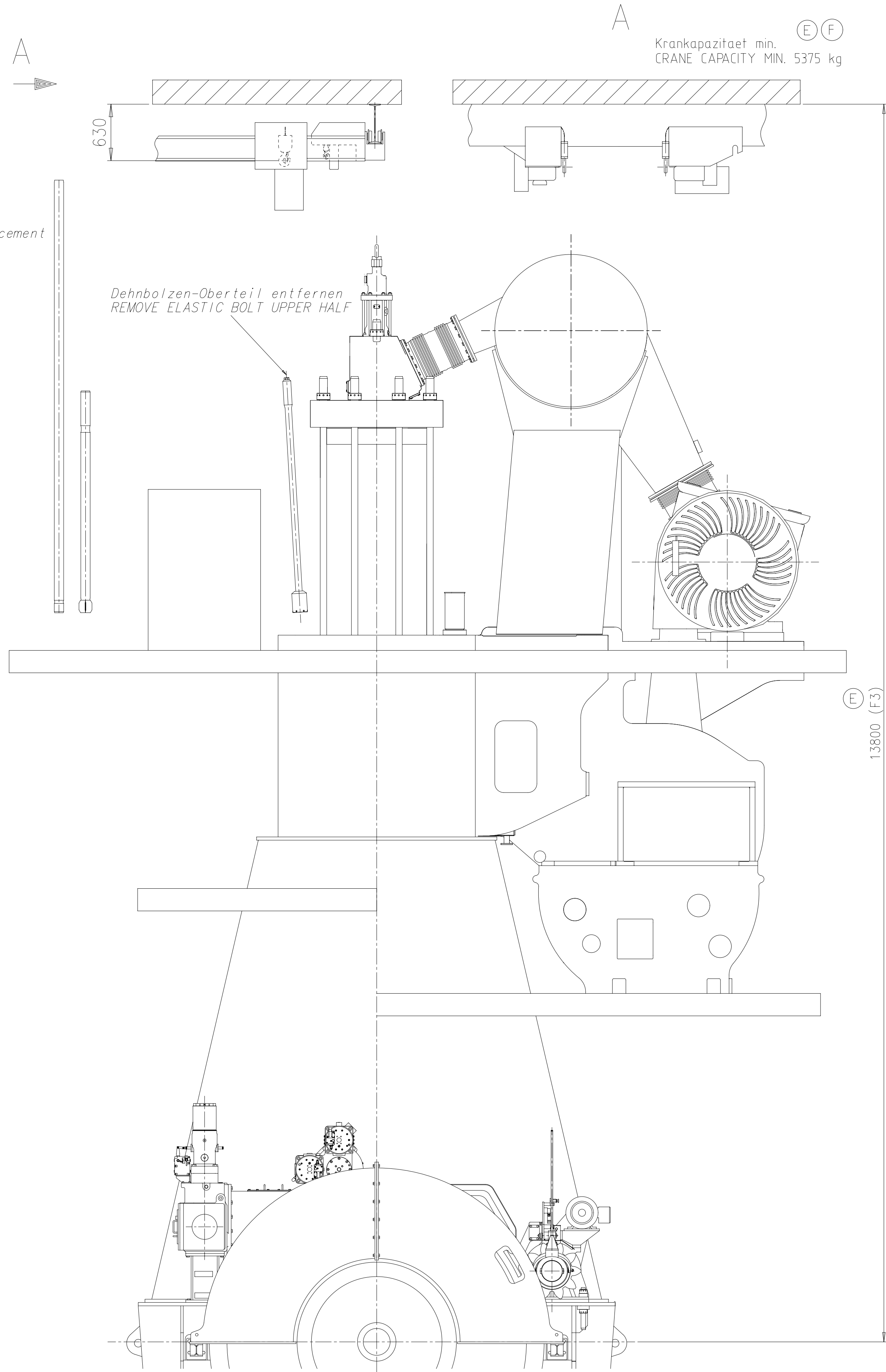
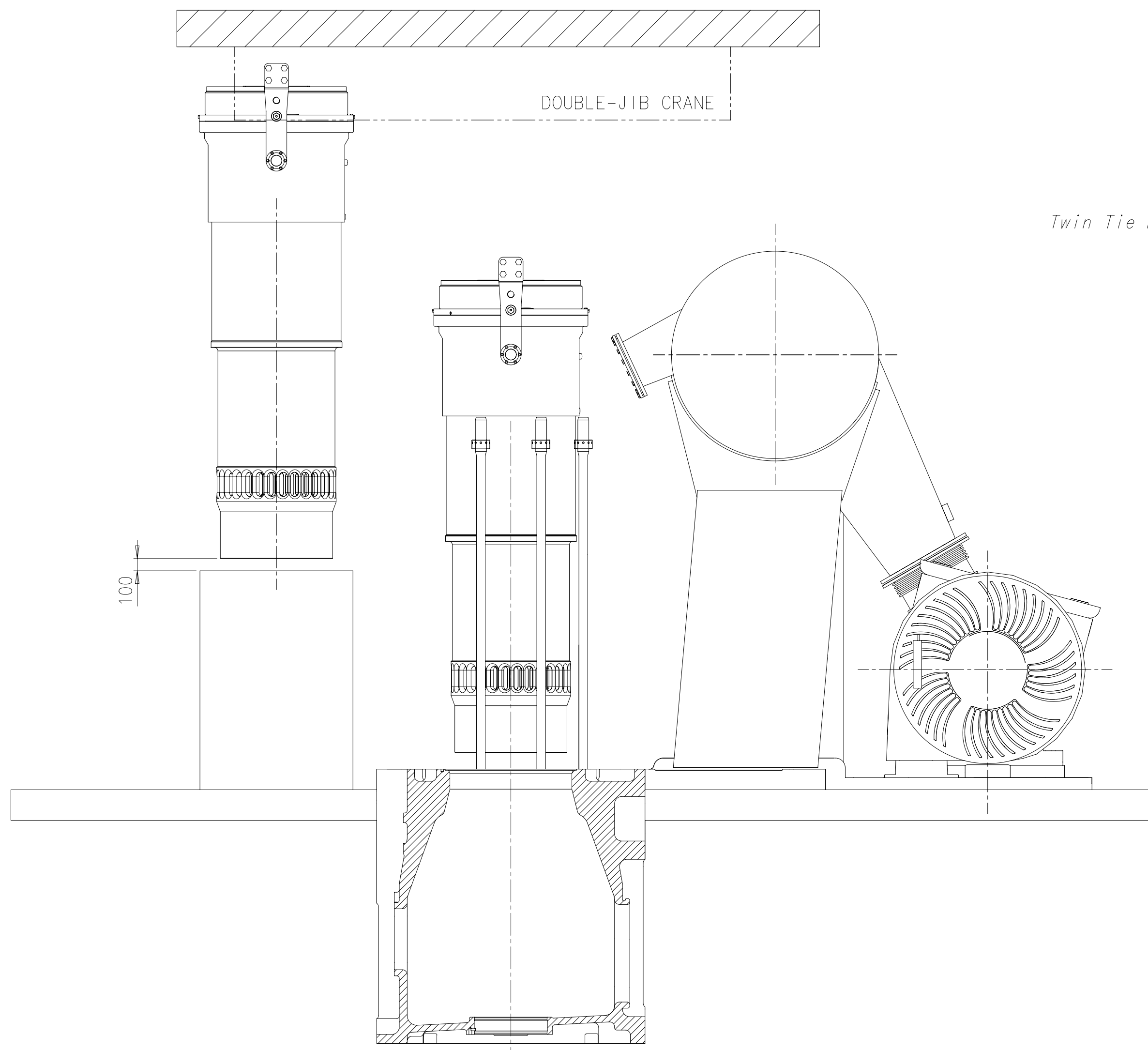
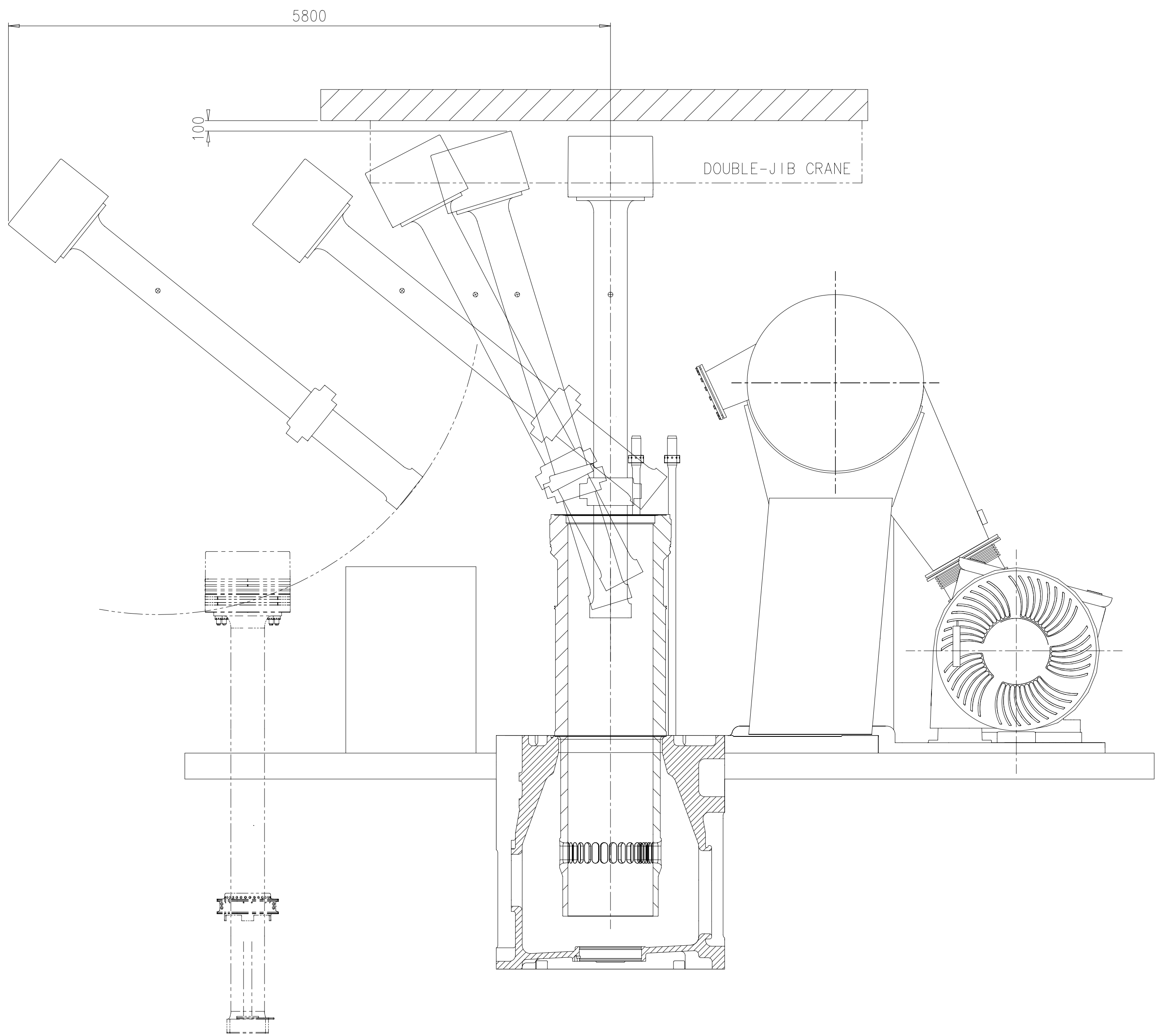
Voraussetzungen fuer diese Art von Ausbau!

- (D) - Pro Zylinder 2 zweiteilige Zylinderdeckel-Dehnbolzen auf der Brennstoffpumpenseite.
- Spezialwerkzeuge
- Spezialkran (DOUBLE JIB), von Fuchs Foerdertechnik AG, 22113 Osteinbek, Deutschland (www.fuchs-ag.de)
- Mindesttragkraft pro Haken 6,5 Tonnen, Hakenabstand 1385mm.
- (E) - zweiteilige Zuganker

REQUIREMENTS FOR THIS METHOD OF REMOVAL!

- (D) - PER CYLINDER 2 TWO PIECE ELASTIC STUDS FOR CYLINDER COVER ON FUEL SIDE.
- SPECIAL TOOLS
- SPECIAL CRANE (DOUBLE JIB), BY FUCHS FOERDERTECHNIK AG, 22113 OSTEINBEK, GERMANY (www.fuchs-ag.de)
- (E) - TWIN TIE-ROD

Free space for file										B-Code XXXXXX Standard ISO/JIS			Plan Dwg.	
Modell	C	EAAD0842329	01.2013	D	EAAD0847380	07.08.2013	E	EAAD0848960	24.10.2013	F	EAAD0916095	22.04.2020		
		Number	Drawn date		Number	Drawn date		Number	Drawn date		Number	Drawn date		
Product W-82				DISMANTLING DIMENSIONS										
 Winterthur Gas & Diesel				Ausbaumasse										
Units	mm	kg	NX			Basic Material		Net Weight		0,001				
Made	23.01.2013	Ine01	Neuenschwand	Scale	1:25	Size	A0	Page	2/3	Material	107.404.311.500			
Chd				Design Group										
Approval	29.08.2008	BHA009	Hagq	0812		Drawing	107.404.311					Rev.	F	
IB - PREPRODUCTION - CONFIDENTIAL														



1. Disassembly of exhaust valve cage, cylinder cover and upper water guide jacket
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. Put the pins for liner lifting tool into designated holes
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 Art von Ausbau!

- Pro Zylinder 2 zweiteilige Zylinderdeckel-Dehnbolzen auf der Brennstoffpumpenseite.
- Spezialwerkzeuge
- Spezialkran (DOUBLE JIB), von FUCHS FOERDERTECHNIK AG, 22113 OSTEINBEK, Deutschland (www.fuchs-ag.de)
- Mindesttragkraft pro Haken 6,5 Tonnen, Hakenabstand 1385mm.

(E)

REQUIREMENTS FOR THIS METHOD OF REMOVAL!

- PER CYLINDER 2 TWO PIECE ELASTIC STUDS FOR CYLINDER COVER ON FUEL SIDE.
- SPECIAL TOOLS
- SPECIAL CRANE (DOUBLE JIB), BY FUCHS FOERDERTECHNIK AG, 22113 OSTEINBEK, GERMANY (www.fuchs-ag.de)
- MINIMUM LIFTING CAPACITY PER HOOK 6.5 TONS, HOOK DISTANCE 1385MM.

(E)

Ⓢ Standardausbau mit Double-Jib Kran



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

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

STANDARD DISMANTLING WITH DOUBLE-JIB CRANE

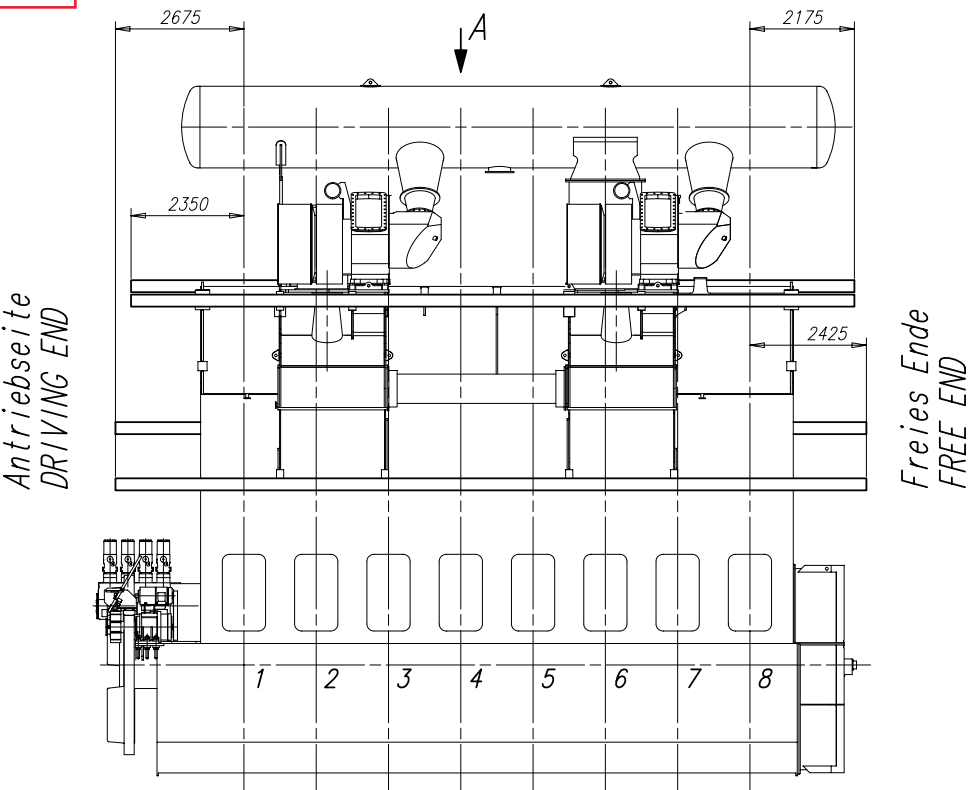
MIN. HEIGHT FOR TILTED REMOVAL WITH DOUBLE-JIB CRANE: F3
DISTANCE BETWEEN TOP POSITION OF HOOK AND ENGINE ROOM CEILING VARIES DEPENDING ON CRANE TYPE.

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

Free space for dwg.										B-Code XXXXXX Standard ISO/JIS		Plan Dwg.
Modif.	C	EAAAD0842329	01.2013	D	EAAAD0847380	07.08.2013	E	EAAAD0848960	24.10.2013	F	EAAAD091695	22.04.2020
	Number		Drawn date		Number		Drawn date		Number		Drawn date	
Product W-82				DISMANTLING DIMENSIONS Ausbaumasse								
 Winterturbo Gas & Diesel												
Units	mm	kg	NX		Basic Material	Scale: 1:25			Size	A0	Page 3/3	Material 107.404.311.500
Made	23.01.2013	Ine001	Neuenschwand									
Chd					Design Group							
Aspt	29.08.2008	BHA009	Hagq		0812				Drawing			107.404.311
											Rev.	F

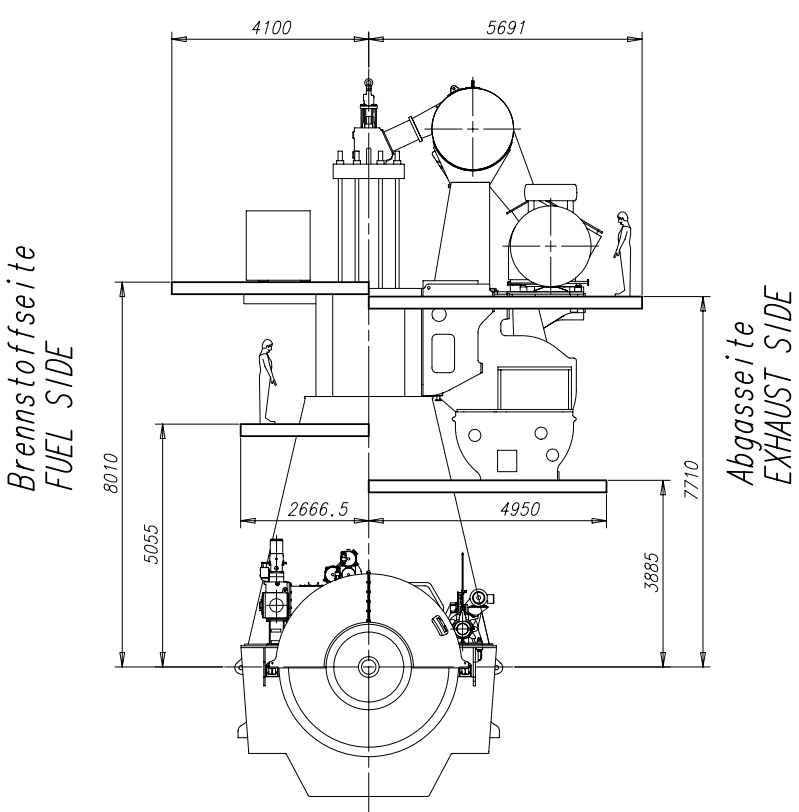
Download
"DXF file"

Abgasseite
EXHAUST SIDE



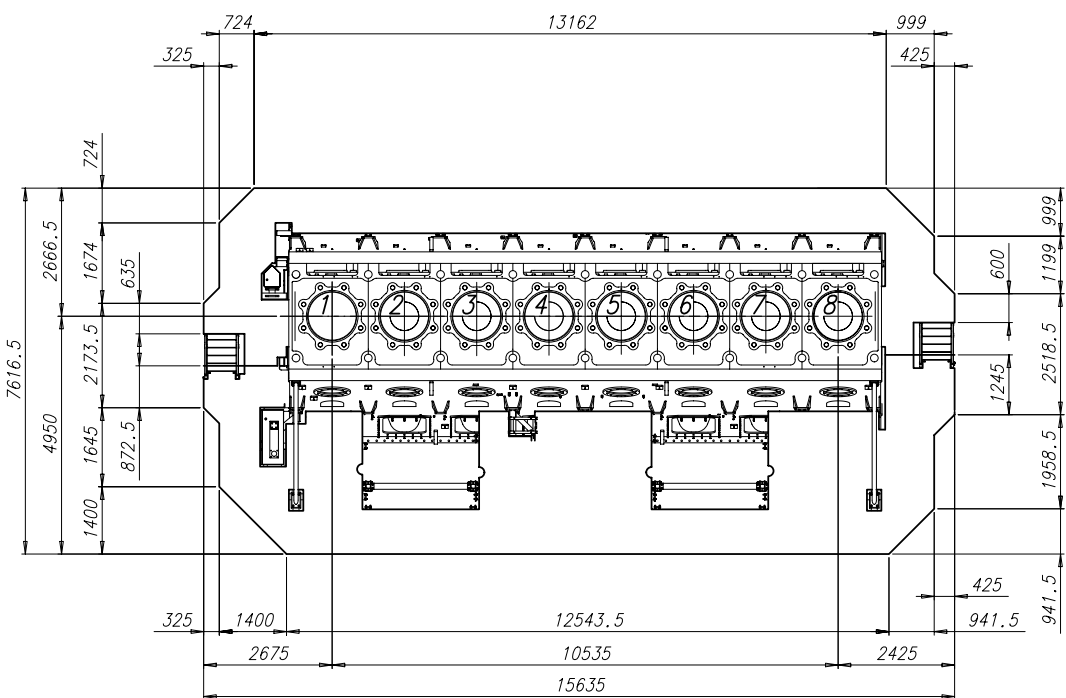
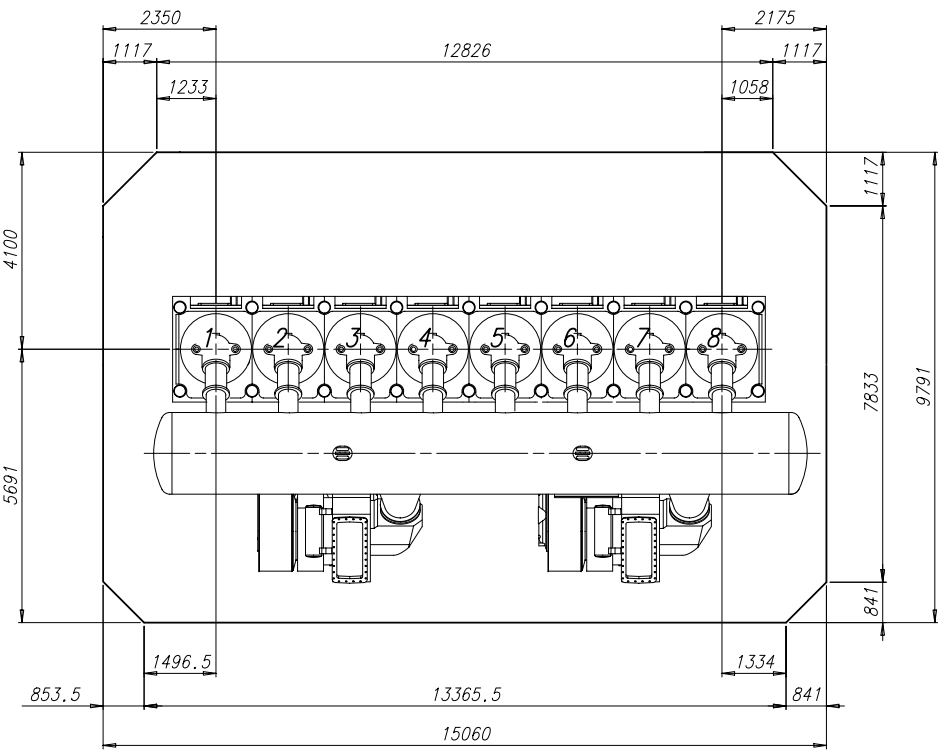
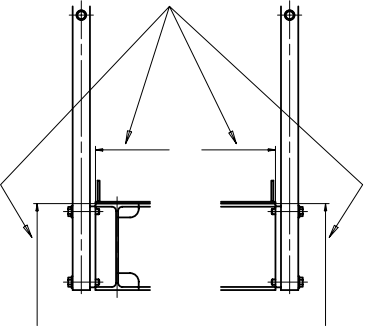
A Obere Galerie
UPPER PLATFORM

Antriebsseite
DRIVING END



A Untere Galerie
LOWER PLATFORM

Die angegebenen Masse beziehen sich immer auf das Ende und die Oberkante der Galerie.
Nicht berücksichtigt ist das Bodenblech und die Gelaenderstaebe und deren Befestigung.
IN EACH CASE THE MEASURES GIVEN REFER TO THE END AND TOP EDGE OF THE PLATFORM.
THE BOTTOM PLATE AND THE RAILING STICKS AND THEIR MOUNTING ARE UNACCOUNTED FOR.



Elevated upper platform FPS
TURBOCHARGER: 2xA175
2xA180
2xA275
2xA280

gezeichnet fuer Turbolader A175/275
DRAWN FOR TURBOCHARGER

WÄRTSILÄ		Product		W-2S		Platform Arrangement Plan		Galerie Anordnungsplan	
		Units		mm kg		IDE		Basic Material	
Made		09.04.2013		szux01		Zuerer		Scale	
Chkd		11.04.2013		hri004		Riser		Size	
Appd		12.04.2013		bha009		Hoag		Page	
								1/1	
								Material	
								PAAD122391	
								Drawing	
								DAAD038061	
								Rev.	
								-	
								Net Weight	
								0.001	

WinGD-8X82-B _Engine-outline-views

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2018-02-26	DRAWING SET	First web upload
2020-07-16	107.404.311	Revised Dismantling Dimensions drawing has been updated.

DISCLAIMER

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