

DISMANTLING OF MAIN ENGINE COMPONENTS

F1 VERTICAL REMOVAL WITH A STANDARD CRANE

F2 VERTICAL REMOVAL WITH A DOUBLE JIB CRANE: SEE PARTS LIST
 F3 TILTED REMOVAL WITH A DOUBLE JIB CRANE: SEE PARTS LIST

COMPATIBILITY NOTE FOR CRANE HOOK

THE LIFTING TOOLS FOR THIS ENGINE ARE COMPATIBLE WITH FOLLOWING CRANE HOOK: DIN 15401; SHAPE RSN, HOOK NUMBER 08 TO 16

PISTON WITH ROD COMPLETE AND GLAND BOX
 MASS WITHOUT LIFTING TOOL: 1150 kg

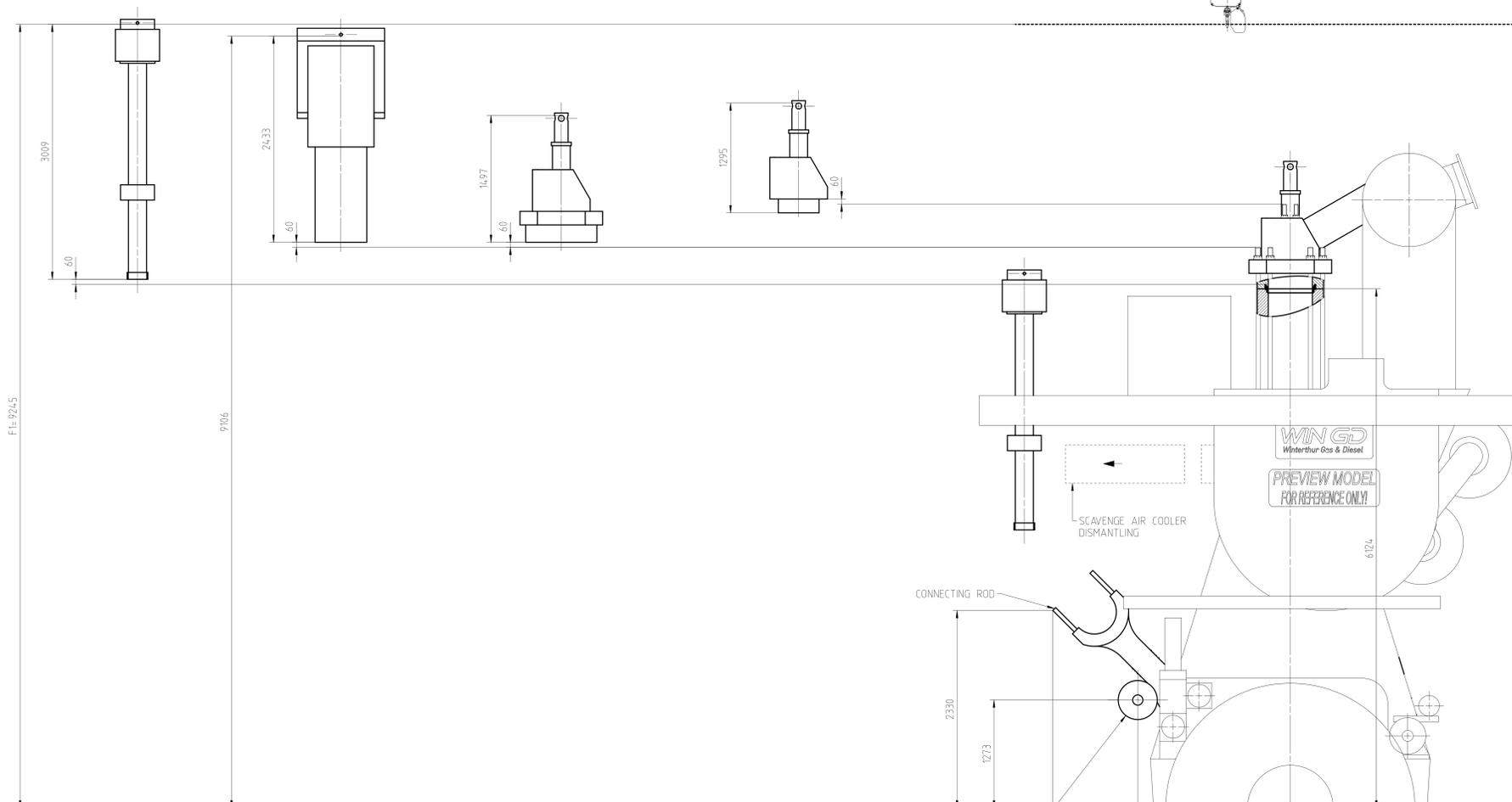
CYLINDER LINER WITH WATER GUIDE JACKET
 MASS WITHOUT LIFTING TOOL: 2250 kg

CYLINDER COVER WITH EXHAUST VALVE COMPLETE AND WATER GUIDE JACKET
 MASS: 1750 kg

EXHAUST VALVE COMPLETE
 MASS: 550 kg

CRANE CAPACITY MIN. 2700 kg

EXAMPLE DESIGN FOR STANDARD E/R CRANE, E/R CRANE SUPPLIED BY SHIP YARD



CRANE AREA

*TOOLS FOR PISTON AND CYL. COVER DISMANTLING

*SPARES

FULL LENGTH OF THE ENGINE

SCAVENGE AIR COOLER SIZE AND DISMANTLING DIRECTION DEPENDING ON ENGINE CONFIGURATION. SEE DG 6606, 7602. COOLER DISMANTLING ON FUEL SIDE APPLICABLE ONLY FOR 7/C DRIVING END CONFIGURATION

PLATFORM OUTLINE - SEE DG7602

MINIMUM CRANE AREA TO ALLOW ACCESS TO THE MAIN ENGINE COMPONENTS. THE HOOK TRAVELLING AREA MUST COVER AT MINIMUM THE FULL LENGTH OF THE ENGINE AND THE DESIGNATED WIDTH AND BE ABLE TO REACH DOWN TO THE CENTER OF THE CRANKSHAFT.

MINIMUM DIMENSION TO REACH MAIN ENGINE COMPONENTS AND PLACE THEM ON THE UPPER PLATFORM

DISTANCE TO REACH THE TIE RODS TO PLACE HYDRAULIC PRE-TENSIONERS

RECOMMENDED CRANE AREA (CROSS HATCHED) TO COVER ALSO TURBOCHARGERS, AIR COOLERS, SCR COMPONENTS, ETC. THE RECOMMENDED AREA IS ALSO COVERING ACCESS TO HEAVY SPARE PARTS IN ORDER TO TRANSPORT THEM FROM THE ENGINE ROOM HATCH OR STORING SPACE TO THE ENGINE. IF THE CRANE IS NOT COVERING THE RECOMMENDED AREA, BEAMS, TROLLEYS, LIFTING POINTS, ECT., MUST BE PROVIDED ALTERNATIVELY IN ORDER TO ALLOW MAINTENANCE WORK ON THE BEFORE MENTIONED COMPONENTS.

FOR OVERHAUL OF TURBOCHARGER - SEE MANUAL OF TC BUILDER

*THE SHOWN PLACEMENT FOR TOOLS, SPARES AND ENGINE ROOM HATCH ARE FOR GUIDANCE ONLY

DISCLAIMER: THE DATA PROVIDED ON THIS DISMANTLING DIMENSIONS DRAWING ARE SUBJECT TO TOLERANCES AND POSSIBLE DESIGN MODIFICATIONS AND ARE FOR ORIENTATION ONLY. IN CASE OF A VERY LIMITED E/R SPACE SITUATION PLEASE CONSIDER MANUFACTURING DRAWINGS OR GET IN CONTACT WITH WINGD.

STANDARD DISMANTLING F1
 DRAWN FOR : 5X52-S2.0
 TC LOCATION : DE

Change History		5 X 52-S2.0	
Rev.	Creator	Approver	Approval Date
1	mda006	03.11.2023	03.11.2023
New MainDesign introduced for X52-S2.0			Approved

WINGD Winterthur Gas & Diesel		DISMANTLING DIMENSIONS TC DRIVING END	
Scale	Units	Basic Material	Net Weight
1:25	[mm]	[kg]	0.001
Main Design		Yes	Design
Group		0816-02	Q-Code X X X D
Engine		A0	Item ID
Part		PTAA079260	Standard
Page		1/1	WDS