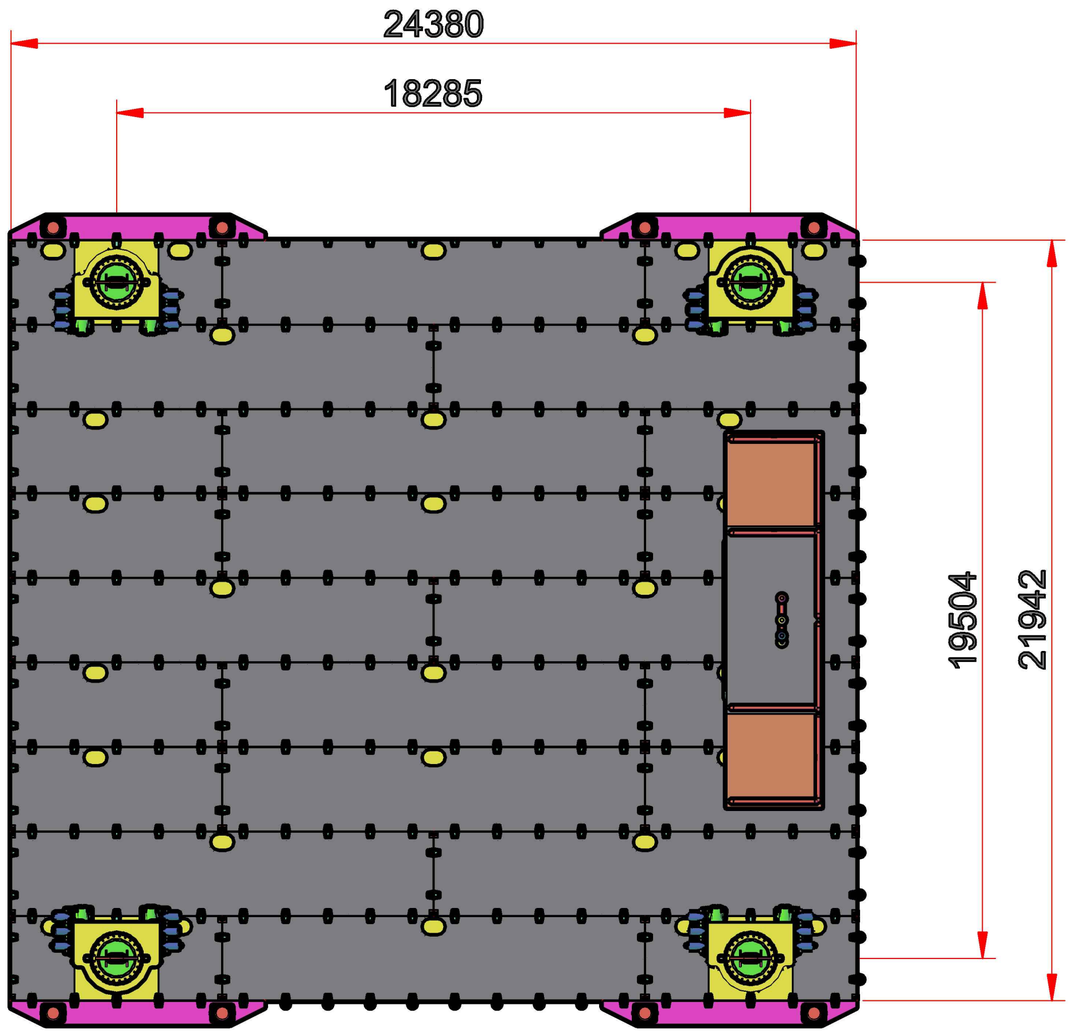
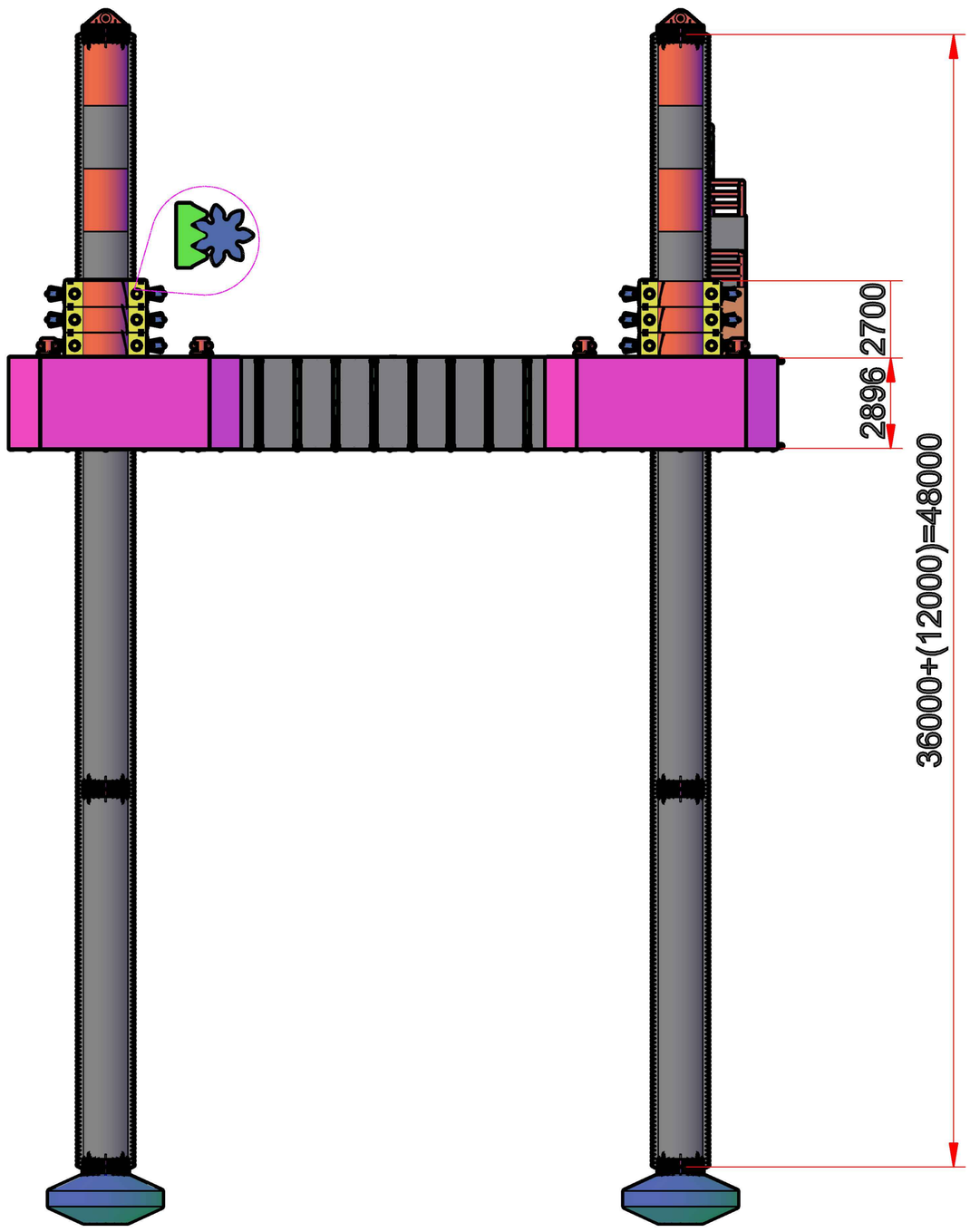
MI-m450T
General Arrangement

BIBLIOGRAPHY

1. 2023.05.10 MYUNG IL JACK-UP OFFSHORE DESIGN





PRINCIPAL DIMENSIONS

LENGTH	OVER ALL	24.380M
BREADTH	(MLD.)	21.942M
DEPTH	(MLD.)	2.890M
DRAFT	(D.L.W.L)	2.200M

Jack-up General

Ship Name	MI-m450T
Class	ABS
Jacking System	Rack & Pinion
A-Pontoon : 2438*12190*2890 = 13 CAN	
B-Pontoon : 2438*6095*2890 = 6 CAN	
Jacking Pontoon : 2438*6095*2890 = 4 CAN	
Spud Dia*L : ø1400*12M*3=36M, 4 sets	
Max. Deck Load	7 ton/m²
Working Area	450 m²

Jacking System

Jacking Speed	40	meter/hr
Max. Lifting Capacity	1200	ton
Holding Capacity	1560	ton
Payload	450	ton
Engine Hydraulic Power Pack : 4 units		

Mooring System

Winch*4ea Capacity : 20 ton/ea * 1 drum
Anchor*4ea : 1.36 ton stockless

Operating Conditions

Max. Water Depth	26	meter
Wind Velocity	20	meter/sec.
Max. Wave Height	1.0	meter
Current Velocity	1.5	meter/sec.

Survival Conditions

Water Depth	26	meter
Wind Velocity	25	meter/sec.
Wave Height	3.0	meter
Current Velocity	2.0	meter/sec.
Air Gap	3.0	meter

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APP'D	Kim,munyong
CH'D	Yoon,jongho
DES'N	Kim,
DR'N	Yoon,jongho
SCALE	
CAD FILE NAME	

CLIENT: M I J O CO., LTD

PROJECT: MODULAR JACK-UP BARGE

TITLE: MI-m450T

GENERAL ARRANGEMENT

(주) 명 일 잭 업 해 양
MYUNG IL JACK-UP OFFSHORE CO.,LTD

JOB No.	DWG No.	REV.