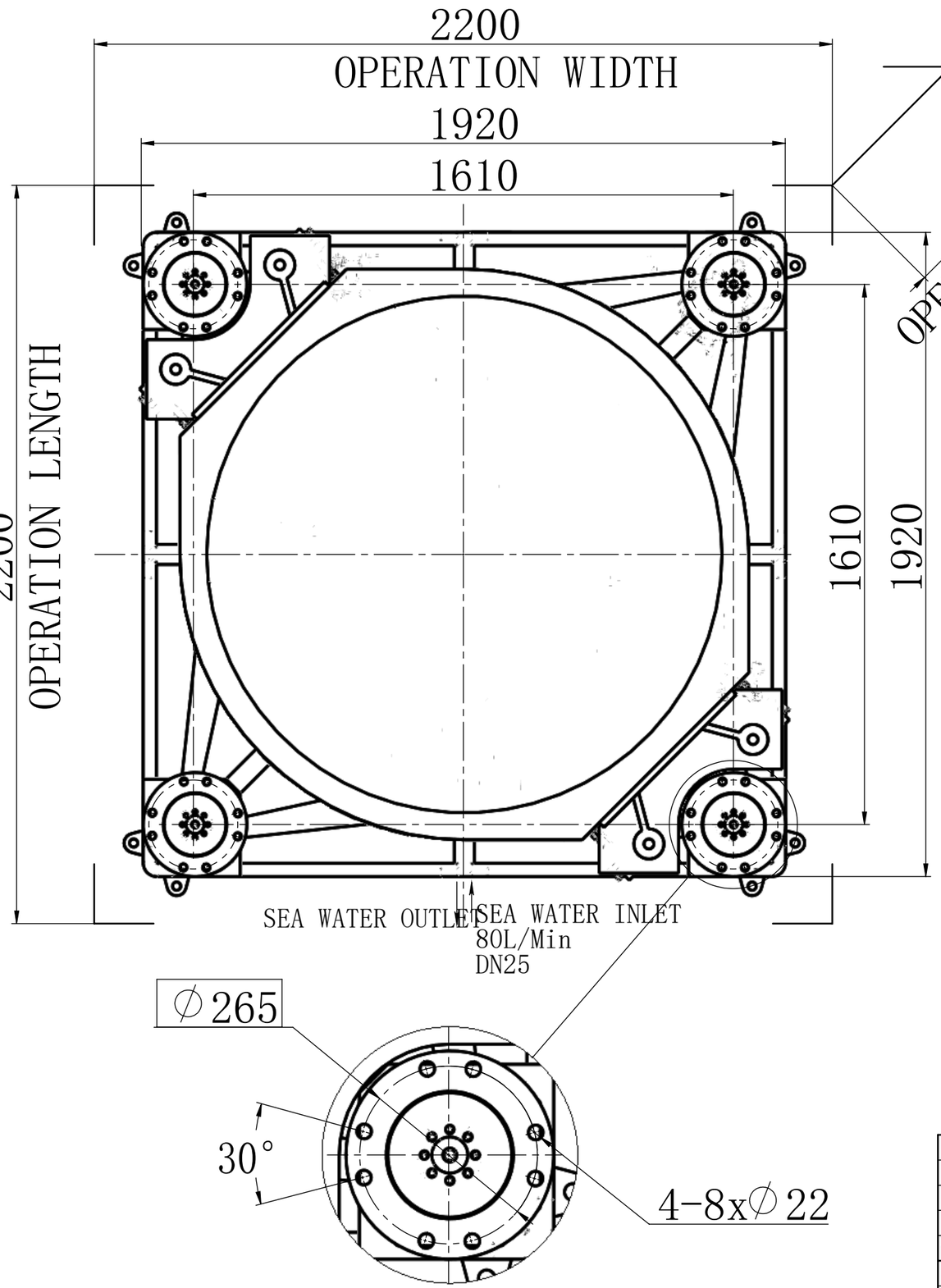
JIWU TECH

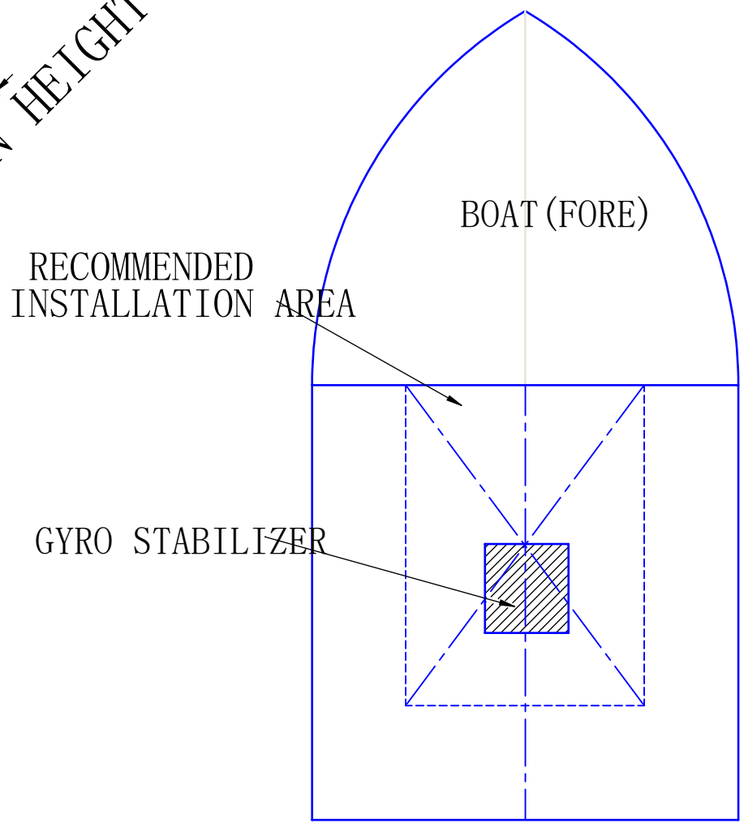
STABILIZED BY GYROSCOPIC POWER

Product information

JW-150

For Boats	About 200’ (up to 500 tons)
Weight	4500 kg±5%
Dimensions	1920*1920*1885 mm
Rated Speed	2000 RPM
Angular Momentum at Rated RPM	150K N-M-S
Anti-Rolling Torque at Rated RPM	300K N-M
Spool-up Time to Rated RPM	60 min
Spool-up Time to Stabilization (70% Rated RPM)	30 min
Spool-up Power	40 KW
Operating Power	30 KW - 40 KW
AC Input	AC380V, Three Phase, 50/60HZ
Sea Water Supply to Heat Exchanger	80 LPM
Ambient Air Temprature	-20-60 ℃
Noise Output	70 - 75 dB



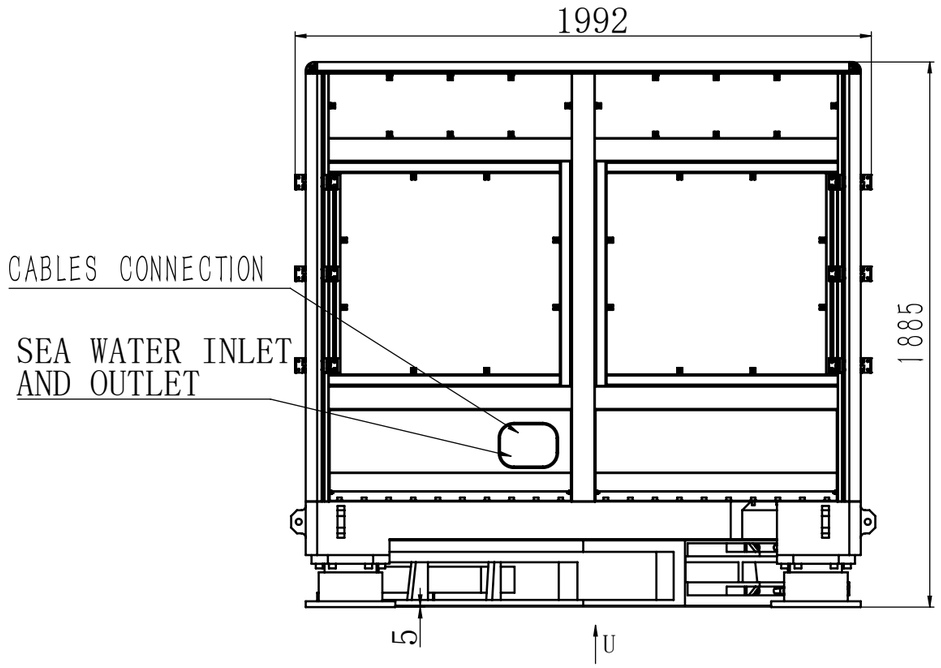


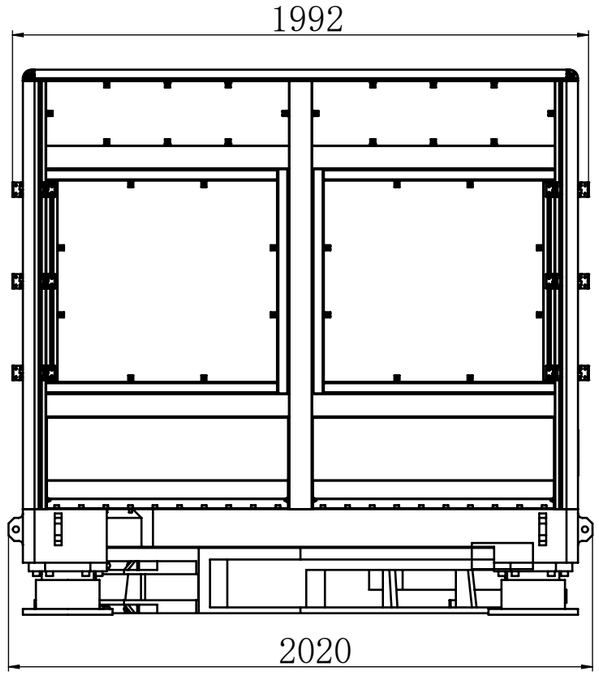
REQUIREMENTS

1. GYRO SUPPORT STRUCTURE MUST BE PARALLEL TO VESSEL WATERLINE.
2. THE MOUNTING BASE AND BOLTS SHOULD HAVE ENOUGH INTENSITY TO WITHSTAND 1500NM OF TORQUE.
3. THE RELATIVE POSITION OF EACH BOLT HOLE CENTER IS 0.5mm..
4. THE FORE AND STERN OF BOLT CAN EXHANGE,AND GYRO WATER INLET AND OUTLET POSITION WILL BE INVERSE.

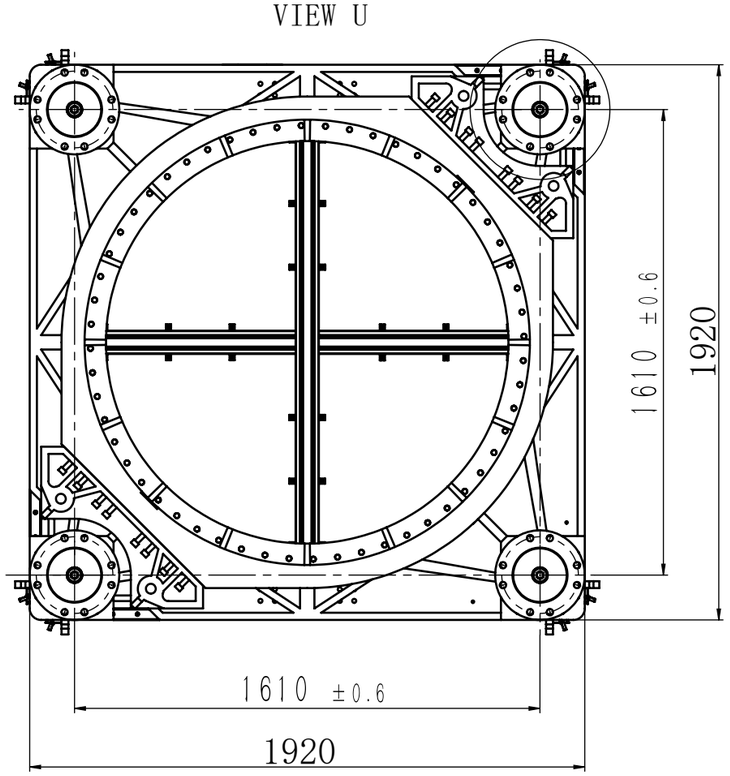
MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN	CUIYUHUI			
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	2019/10/10	

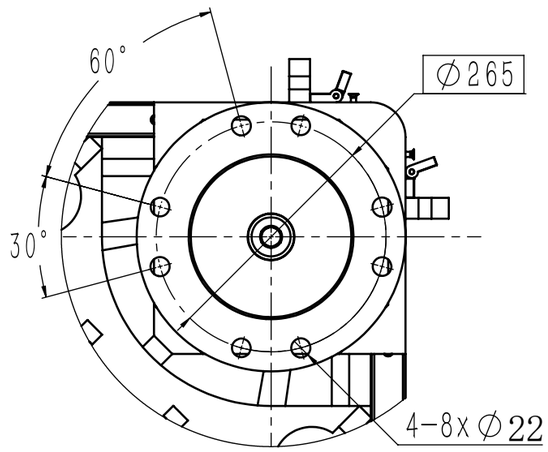
JW-150	JW-150.00.01
GYRO INSTALLATION BOLT GUIDE	STAGED MARKING / WEIGHT(Kg) / SCALE 1:15
	TOTAL PAGES / PAGE
	SHANGHAI JIWU TECH





VIEW U

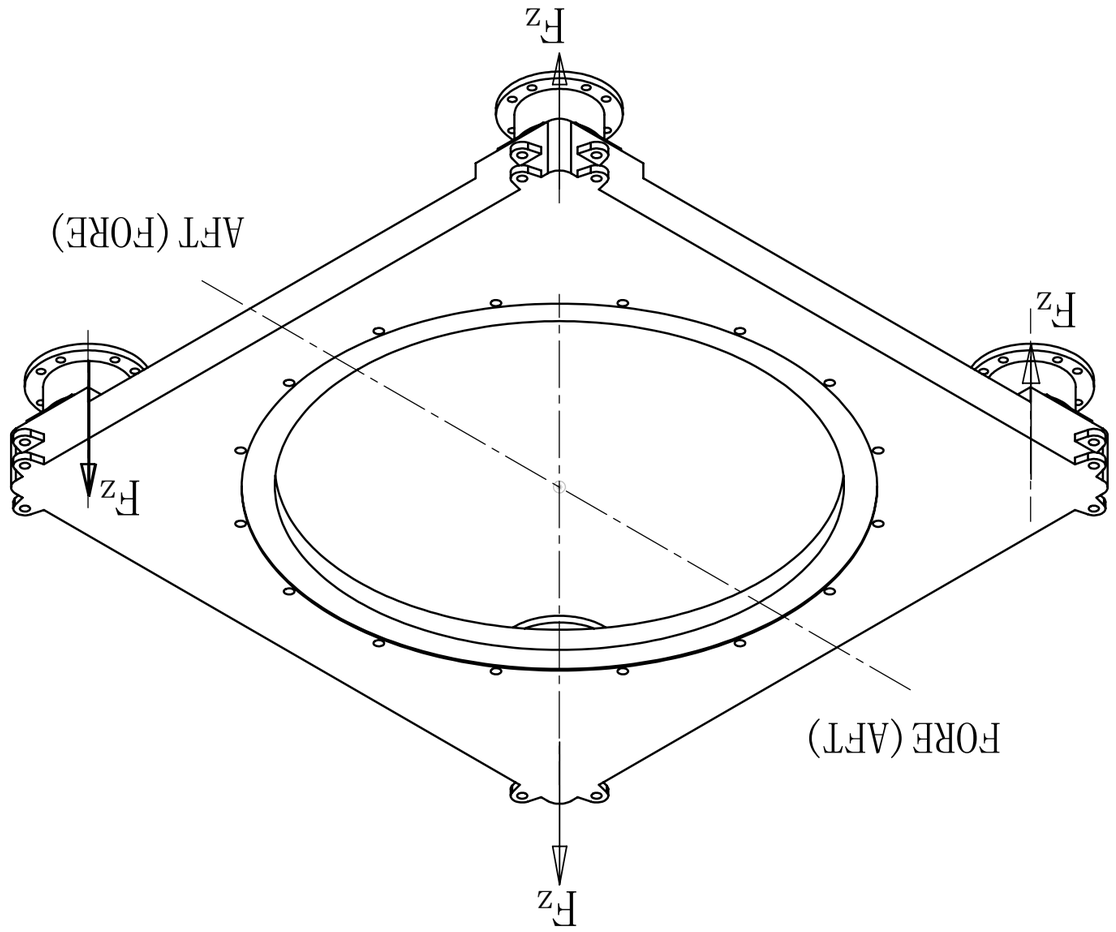




REQUIREMENTS

1. MOTOR POWER IS 40KW, THREE PHASE, 380VAC.
2. COOLING WATER FLOW IS 80L/min,INLET AND OUTLET PIPE IS DN25.

MARKER	PLACES	FILE No.	SIGN	DATE	GYRO ENVELOP DIMENSION DRAWING	JW-150.00.02	
DESIGN	LUOLIN					STAGED MARKING	WEIGHT(kg)	SCALE 1:15
CHECKED	CUIYUHUI							
CRAFT		APPROVE	CHENSHAONAN			TOTAL PAGES	PAGE
STANDARD		DATE	Jun. 2019			SHANGHAI JIWU TECH	



NOTES

1. THE INFLUENCE OF THE LOAD TRANSMITTED BY GYRO STABILIZER ON SHIP STRUCTURE SHOULD BE CONSIDERED WHEN DESIGNING MOUNTING BASE. THE LEFT FIGURE SHOWS THE FORCE CONDITION OF THE JOINT BOLTS. VERTICAL FORCE:150kN

2. 3 IS RECOMMENDED FOR THE SAFETY FACTOR OF THE MOUNTING BASE INTENSITY DESIGN.

3. MOUNTING BASE INSTALLATION PARTS LIST:

NO.	NAME	MATERIAL	TOTAL
1	BOLT M20 GB70.1	12.9	32
2	FLAT WASHER 20 GB97.1	200HV	32

4. REMOVABLE THREAD GLUE (EG. LOCTITE 243) SHOULD BE USED WHEN INSTALLING BOLTS WITH TIGHTENING TORQUE OF 420NM.

MARKER	PLACES	FILE No.	SIGN	DATE

DESIGN			
CHECKED	LUOLIN		
CRAFT		APPROVE	CHENSHAONAN
STANDARD		DATE	2019/6/24

GYRO FONDATION FORCE

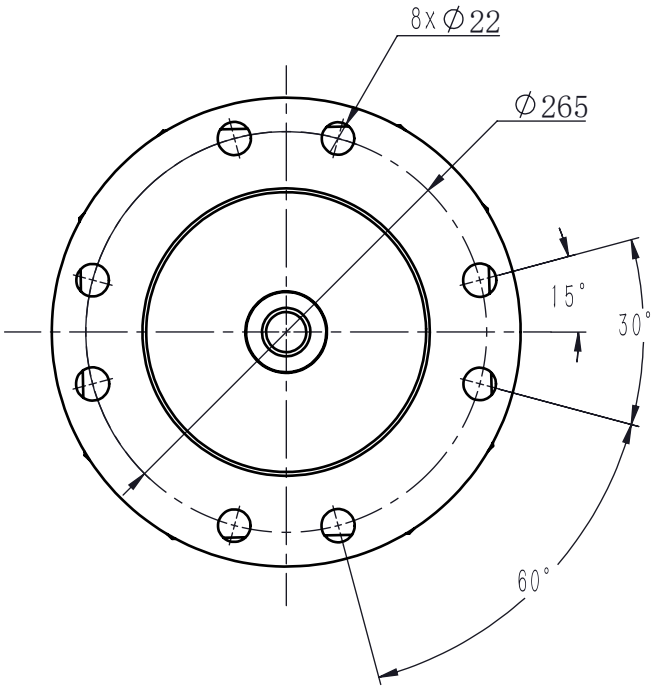
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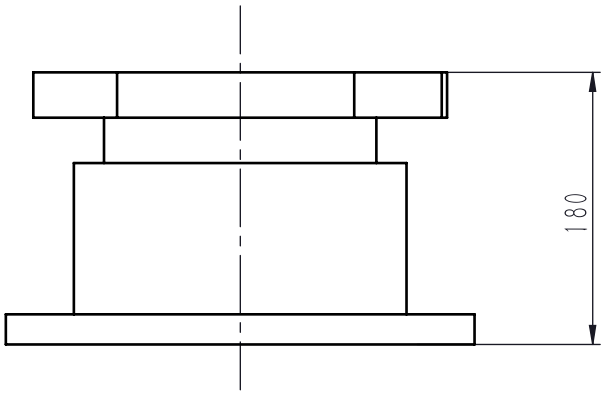
STAGED MARKING	WEIGHT (kg)	SCALE
		1:15

TOTAL PAGES	PAGE

SHANGHAI JIWU TECH

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MARKER	PLACES	FILE No.	SIGN	DATE	Damping base plate	JW-150.00.04	
DESIGN	CUIYUHUI					STAGED MARKING	WEIGHT(Kg) SCALE 1:5
CHECKED	LUOLIN					TOTAL PAGES	PAGE
CARFT		APPROVE	CHENSHAONAN			SHANGHAI JIWU TECH	
STANDARD		DATE	2019/6/24				

TOUCH SCREEN 128x120x38mm



(4x0.5mm²)
CABLE

4 CORE QUICK CONNECTOR

4x0.5mm²
USER SUPPLIED CABLE

380V

24V 600Ah BATTERY

CONTROL CABINET

30cm (4x0.5mm²)
CABLE

30cm (2x0.5mm²)

2 CORE QUICK CONNECTOR

USER SUPPLIED CABLE

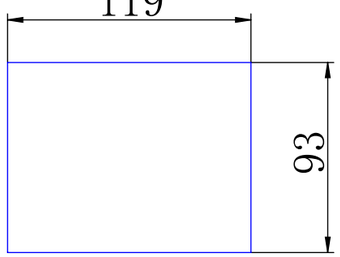
GYRO STABILIZER

SEA PUMP

USER SUPPLIED
CABLE

EXTERNAL COOLING
WATER PUMP POWER
SUPPLY

HOLE SIZE FOR INSTALLING
TOUCH SCREEN



PARTS LIST

1、 AMP1.5-4 MALE QUICK CONNECTOR x1 PC
2、 AMP1.5-4 FEMALE QUICK CONNECTOR x1 PC
3、 CONTRAL CAMBINET x1 PC
4、 AMP1.5-2 FEMALE QUICK CONNECTOR x1 PC
5、 TOUCH SCREEN x1 PIECE

MARKER	PLACES	FILE No.	SIGN	DATE
DESIGN				
CHECKED	LUOLIN			
CRAFT		APPROVE	CHENSHAONAN	
STANDARD		DATE	JUN. 2019	

GYRO ELECTRICAL
WIRING DIAGRAM

JW-150.00.05

STAGED MARKING	WEIGHT (Kg)	SCALE
	4.553	1:3

TOTAL PAGES | PAGE

SHANGHAI JIWU TECH