

,

1.1

,

750kv

750kv
6A

650H
30HZ,

500KV

KV,

,

$$Cx = \frac{10^{12}}{23} \text{ pF} \approx 43300 \text{ pF}$$

500KV

$$n = \frac{43200 - 1000 \text{ pF}}{1000 \sim 1500 \text{ pF}} \approx 28 \sim 42$$

1.2

HG

,

2.1电气部分

2.1.1

(1) 4800KV A/k var

(2)

2.1 电气部分

DL / T 849.6 — 2016

表 4 油浸式励磁变压器和电抗器各部分温升限值

变压器部位	温升限值 K	测量方法
绕组	65	电阻法
铁心表面	使相接触的绝缘物不受损伤的温升值	温度计法
顶层油	55	温度计法

注：海拔超过 1000m 的温升校正按 GB 1094.2 标准的规定。

DL / T 849.6 — 2016

5.8.10 绝缘水平

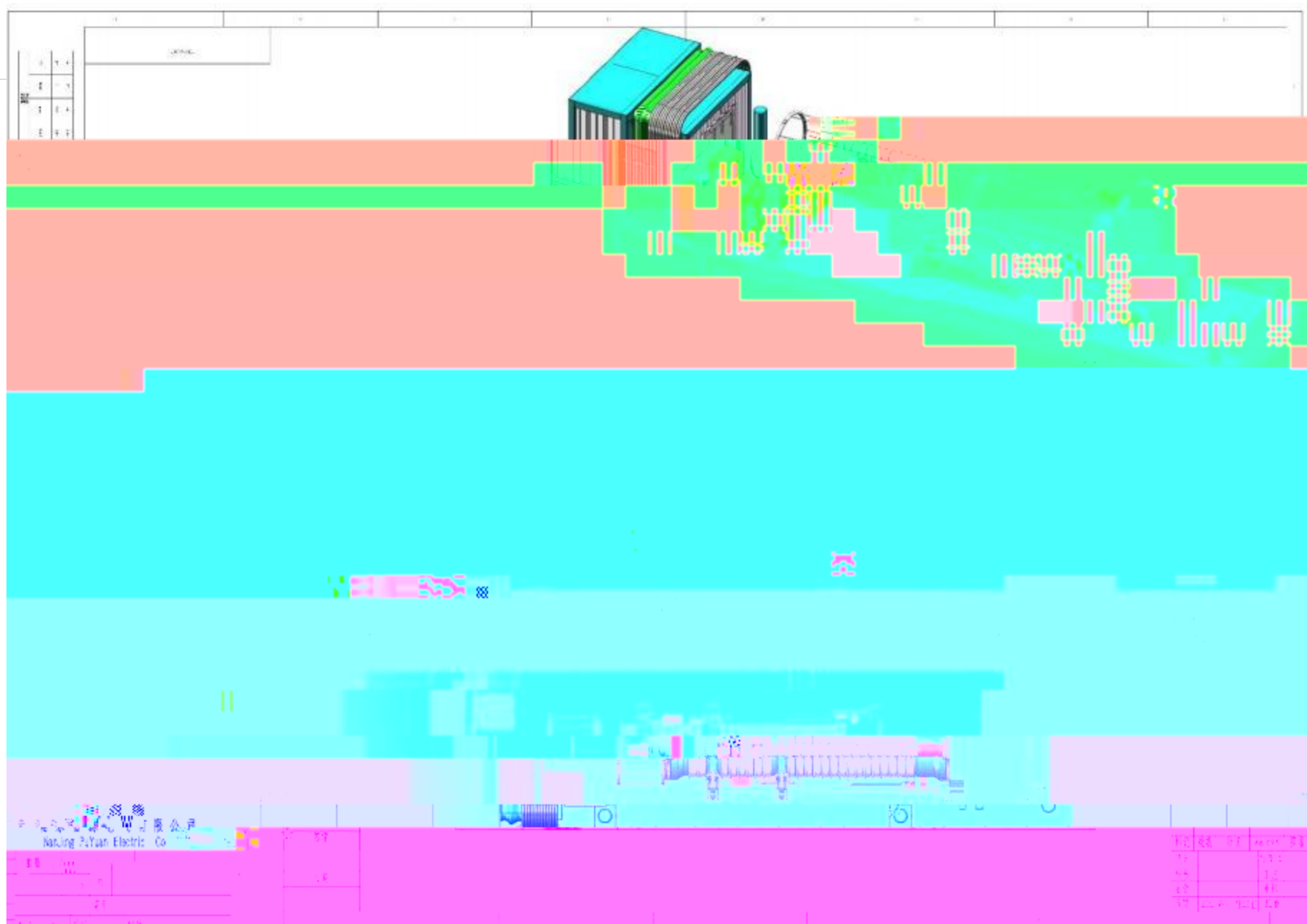
铁壳式电抗器的绝缘电阻和绝缘水平应满足 5.4.6 的规定。交流试验电压频率宜高于电抗器的额定频率，但交流耐压时耐压时间不按试验频率换算。

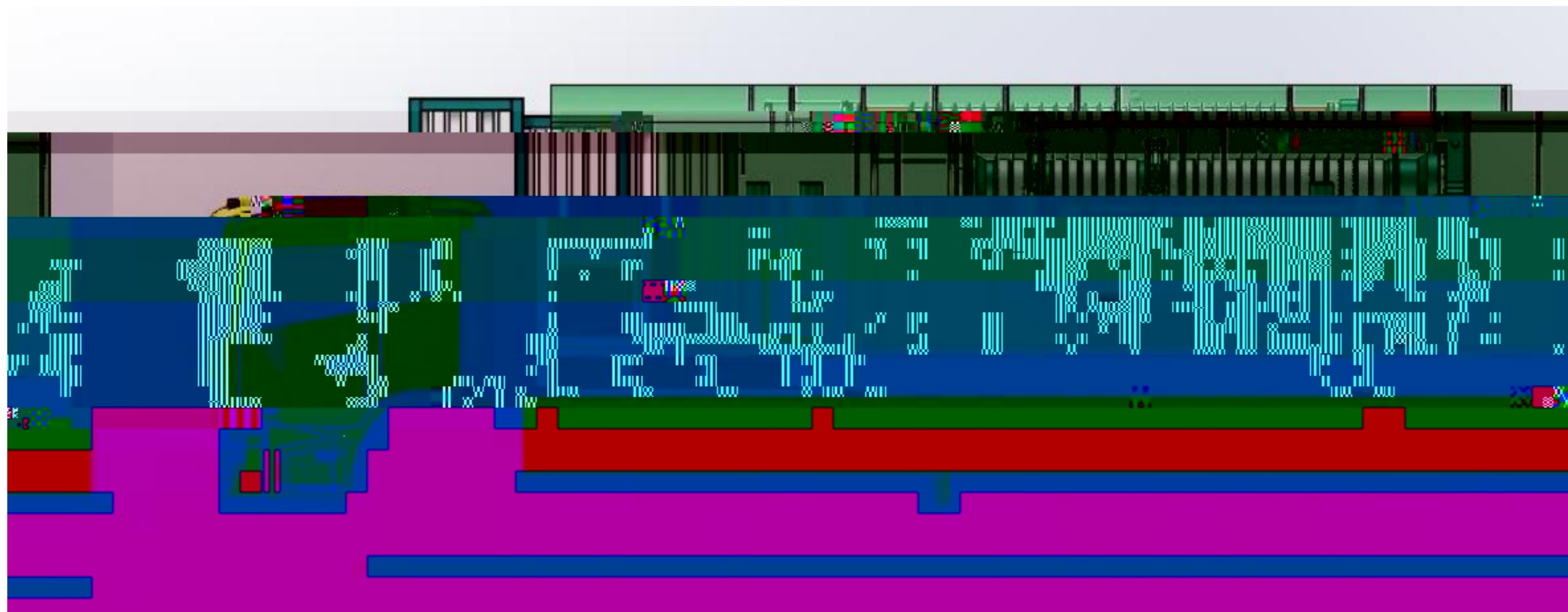
由多台电抗器组成的电抗器叠柱，电抗器的试验电压按式（2）计算：

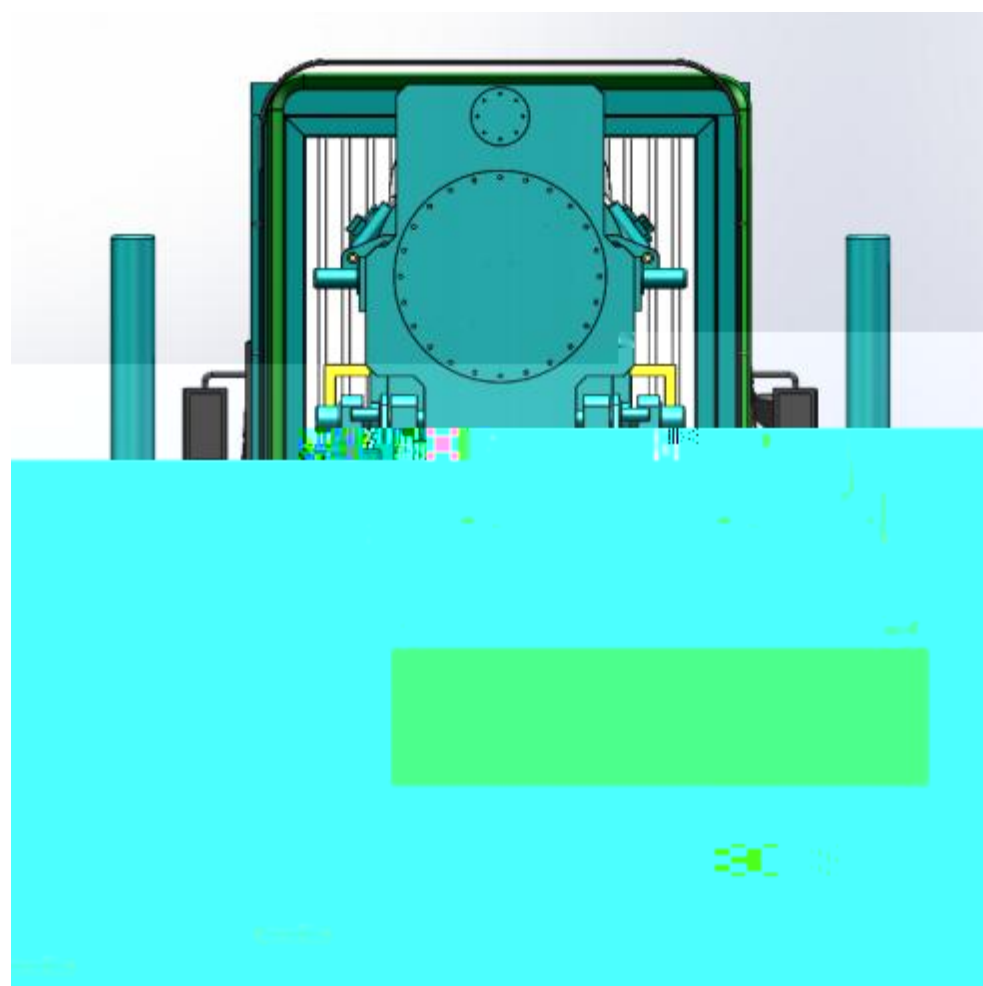
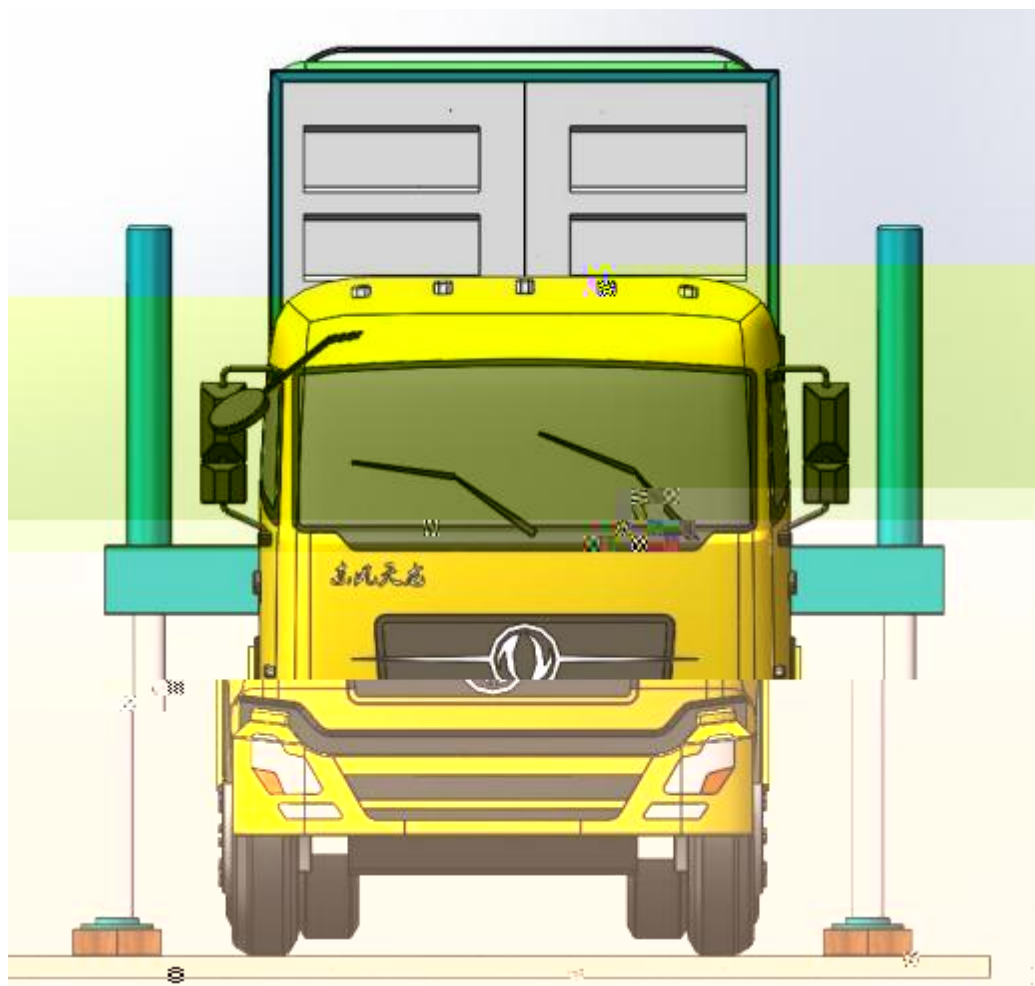
$$\text{单台电抗器的试验电压} = \frac{\text{单台电抗器的额定电压}}{\text{电抗器叠柱的试验电压}}$$

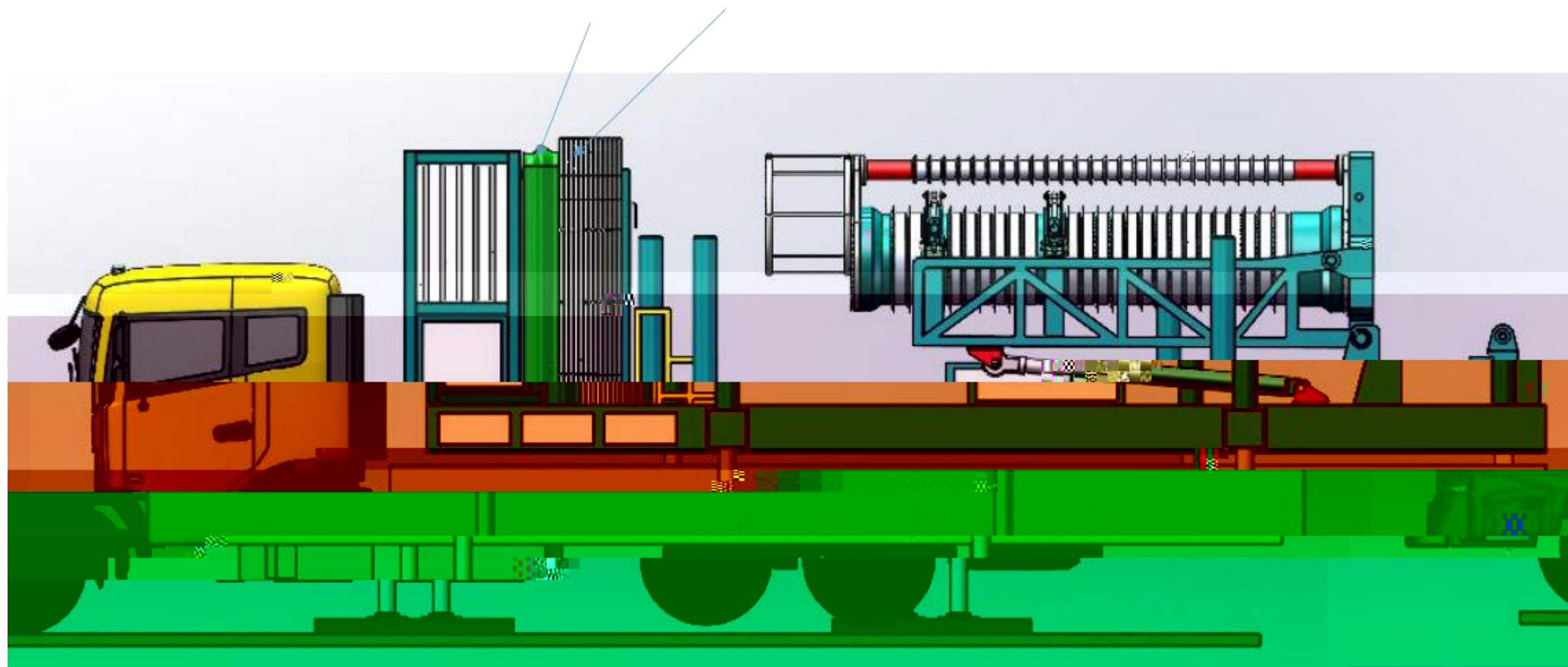


9300*2300*2600

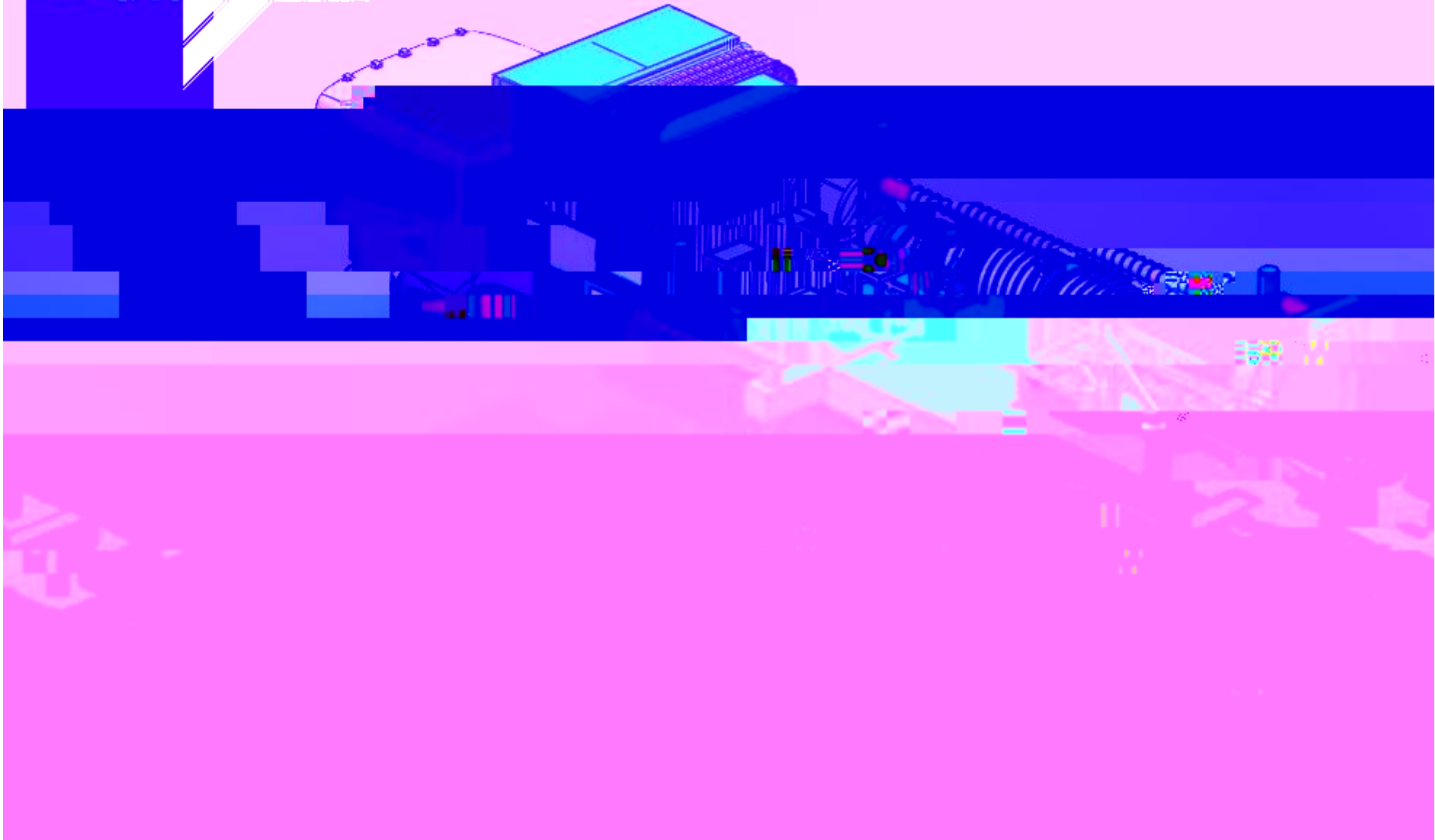




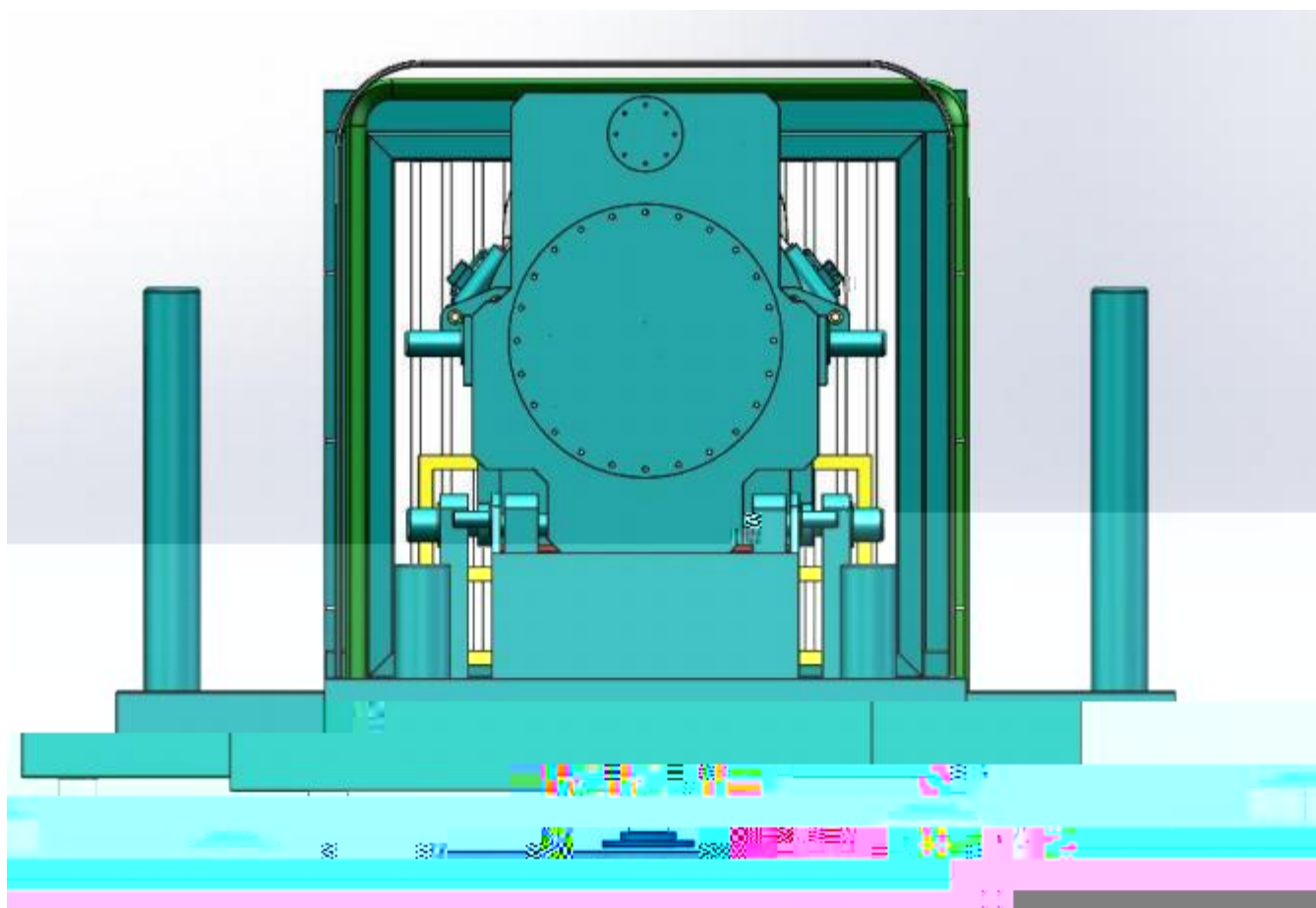




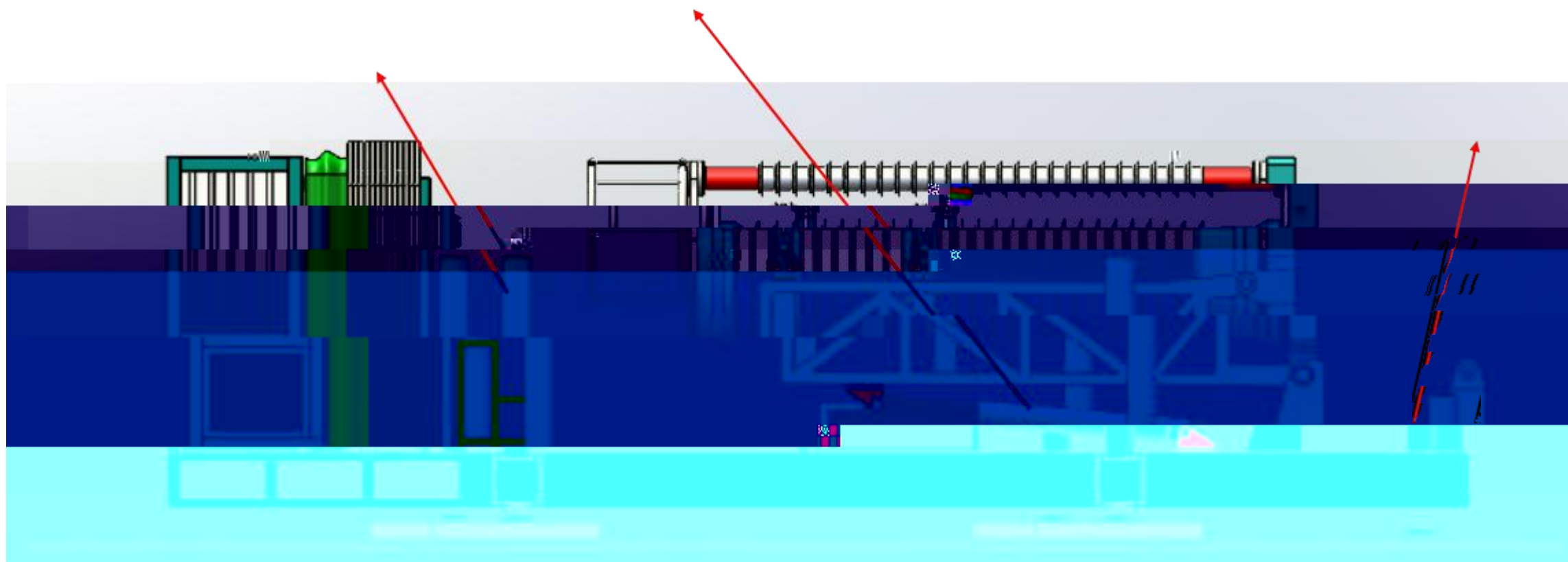
2.2 机械

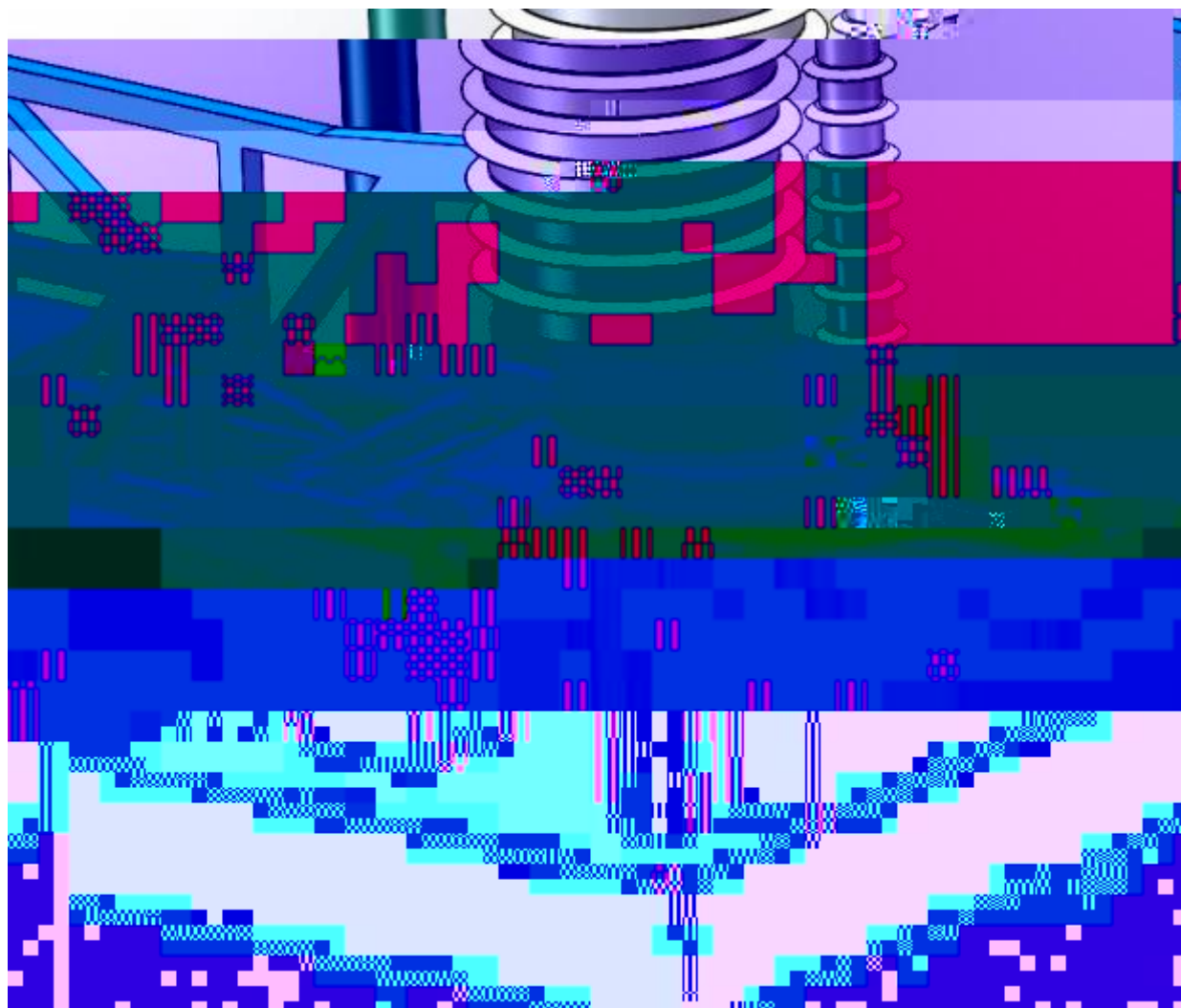


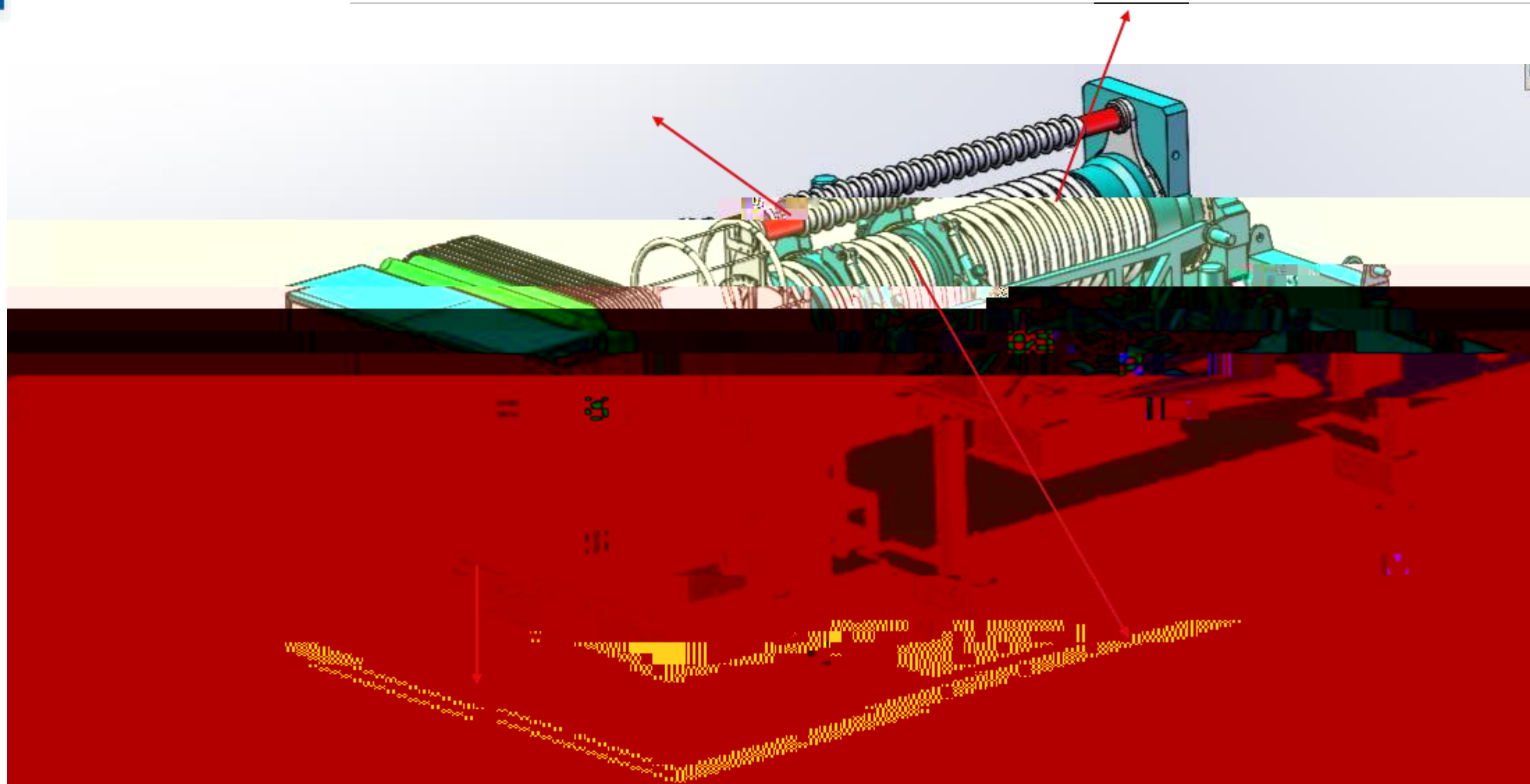


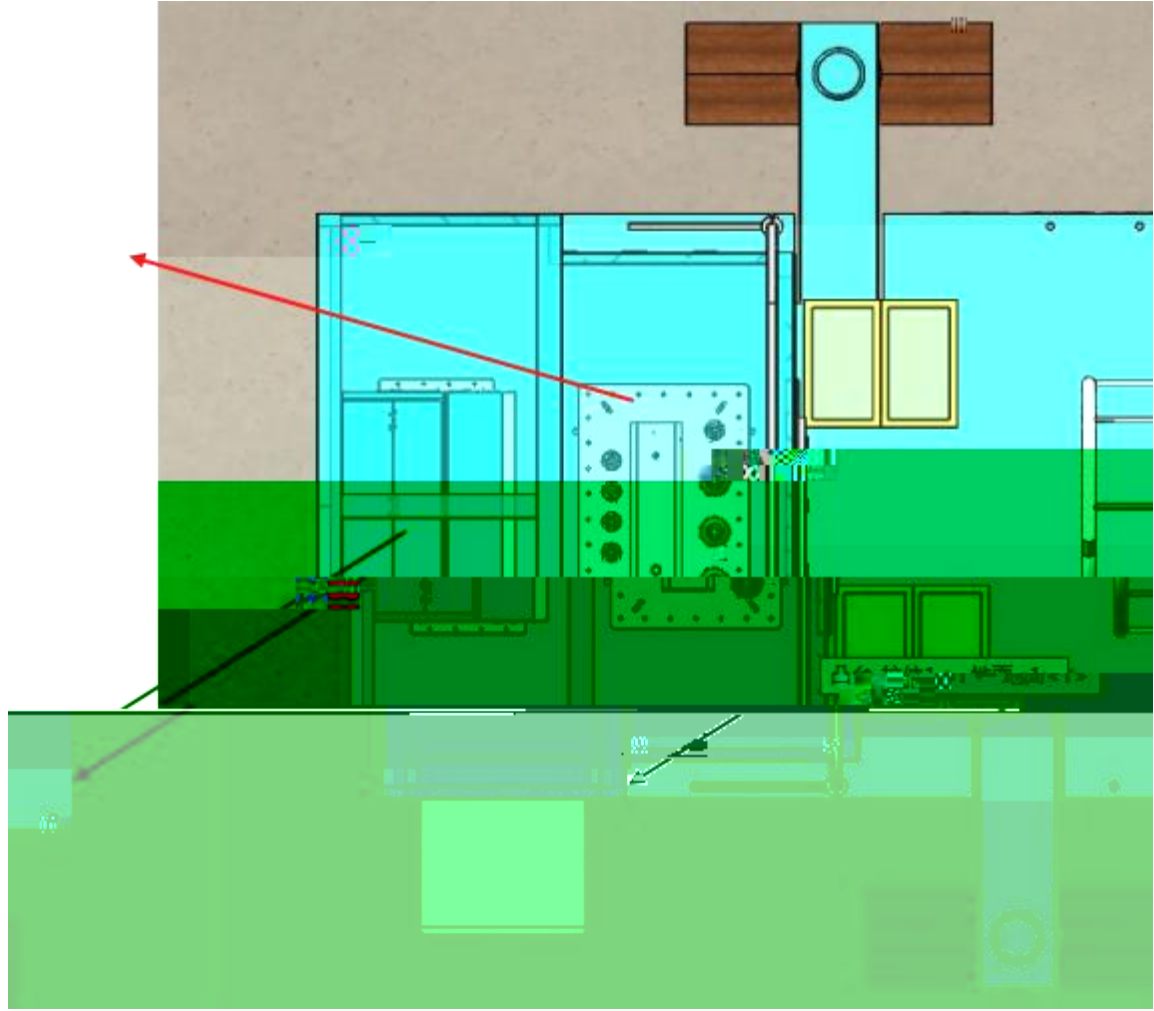


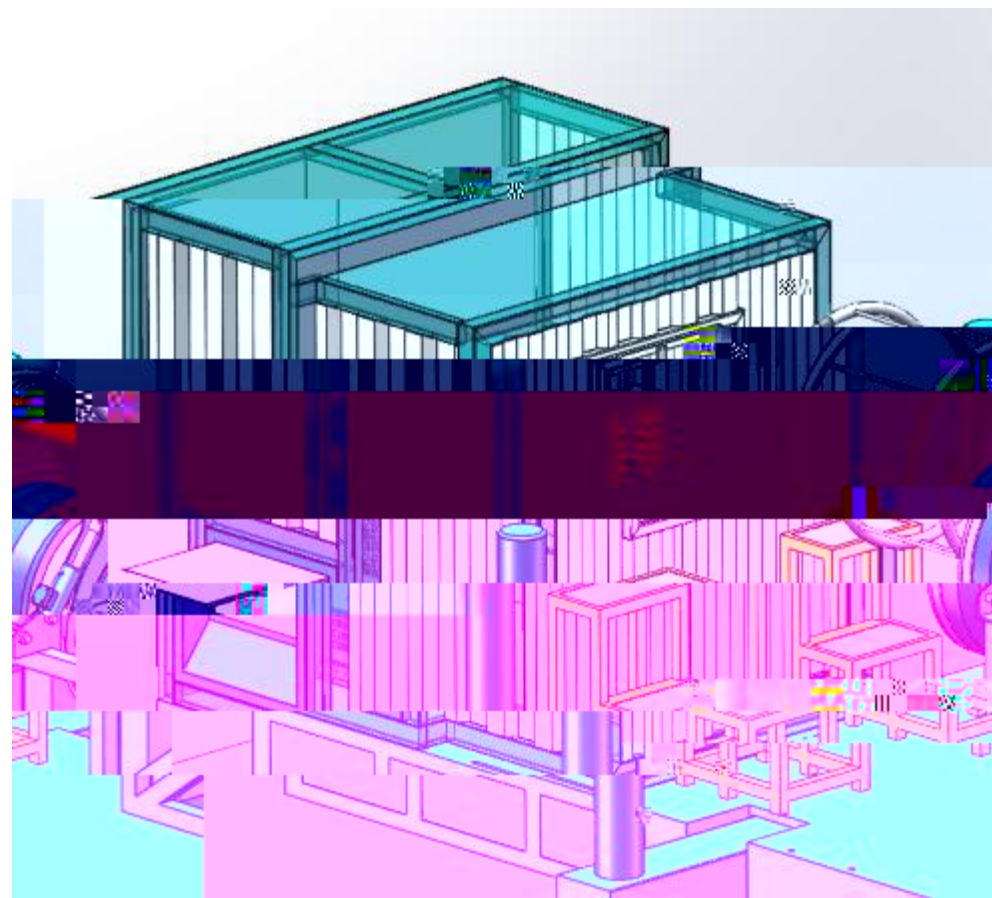


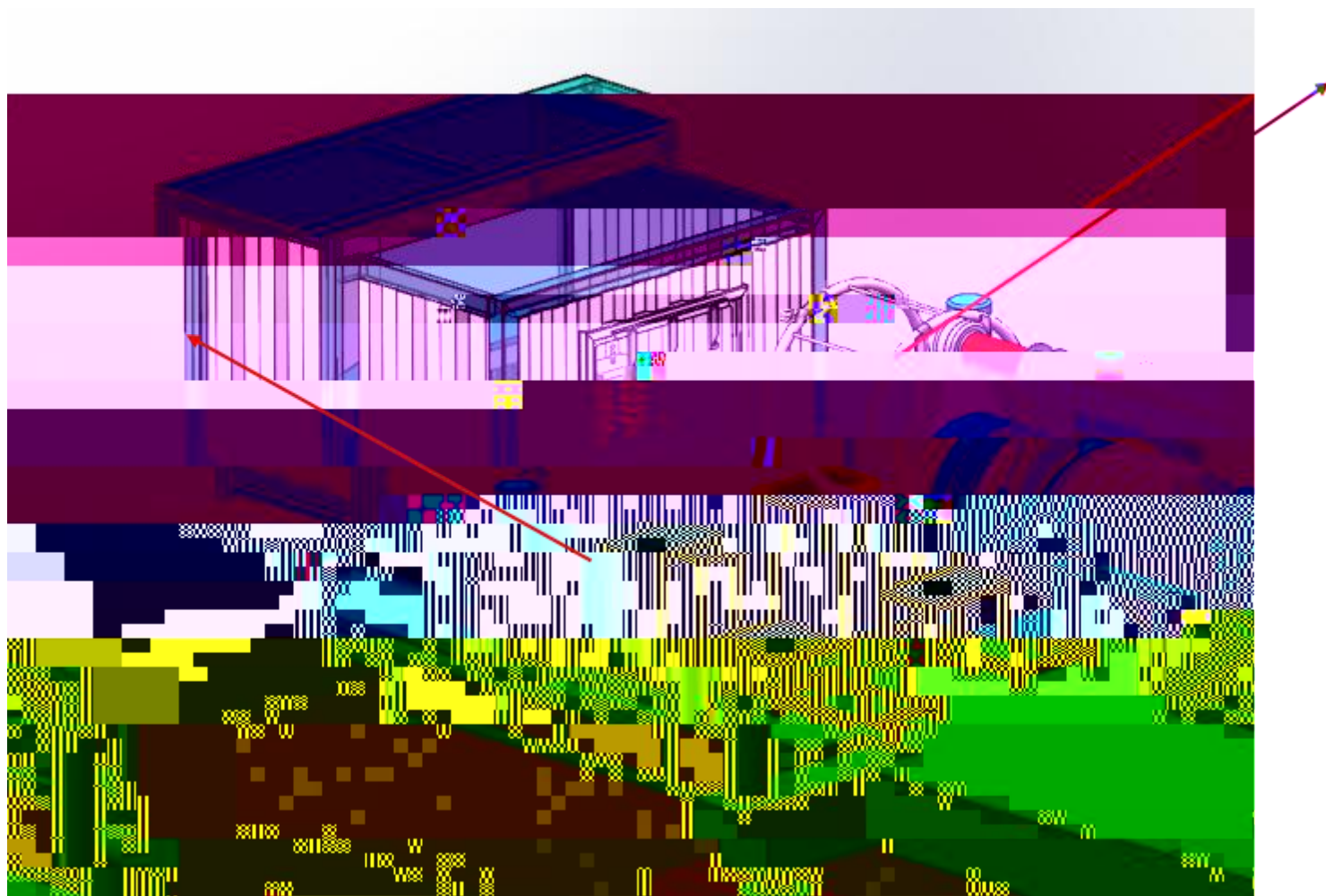


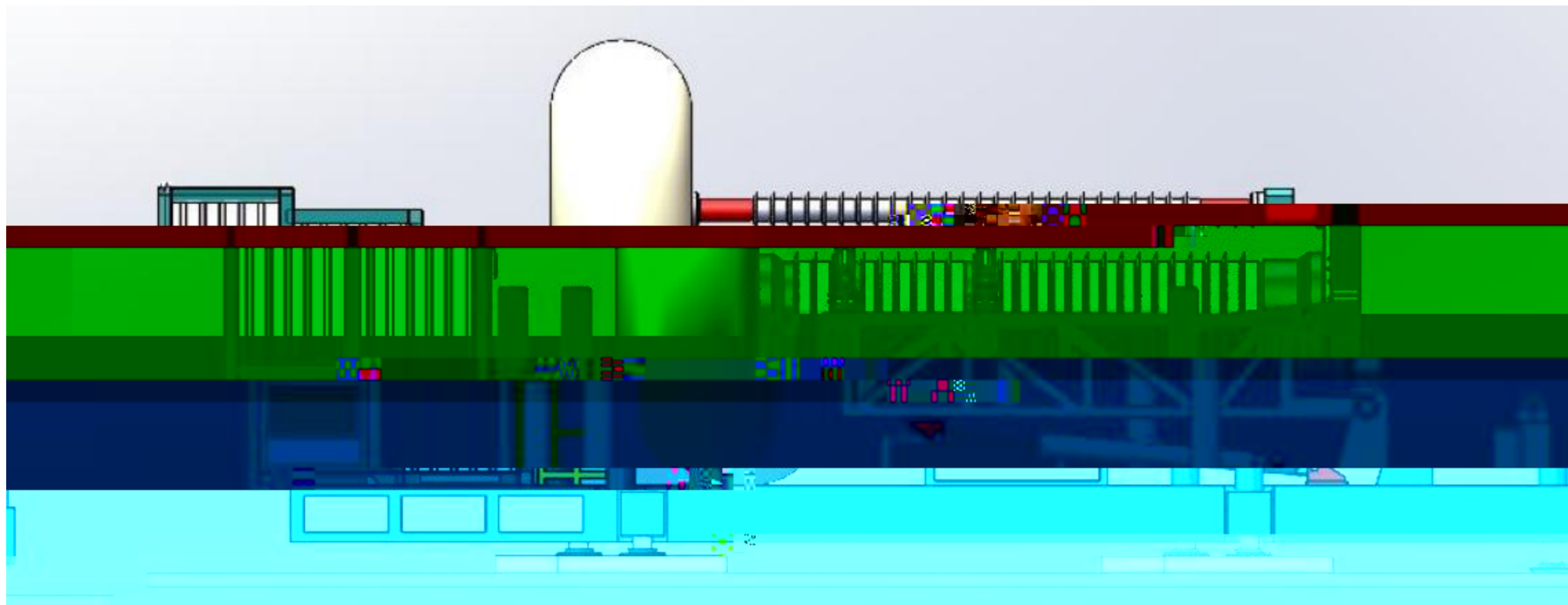


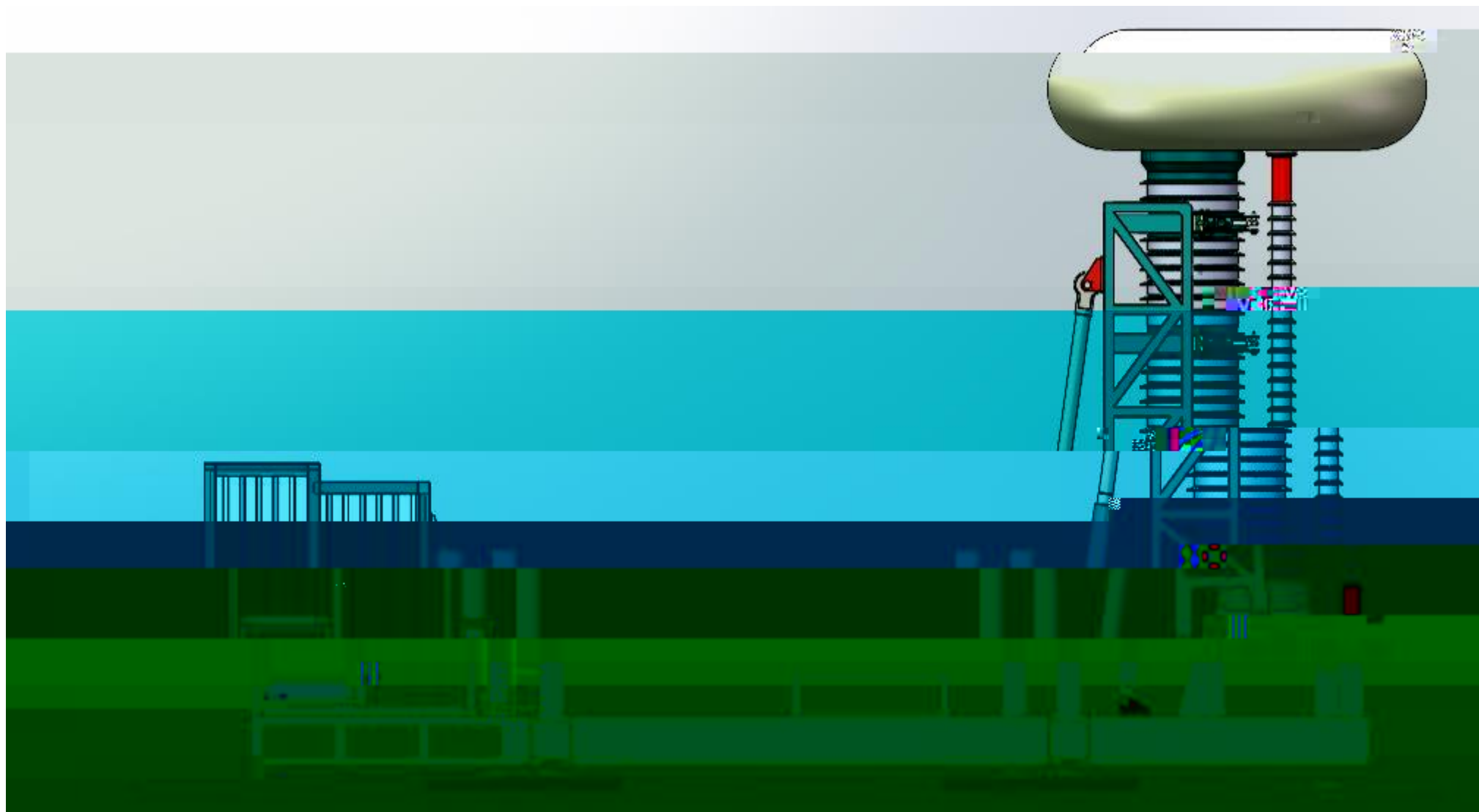


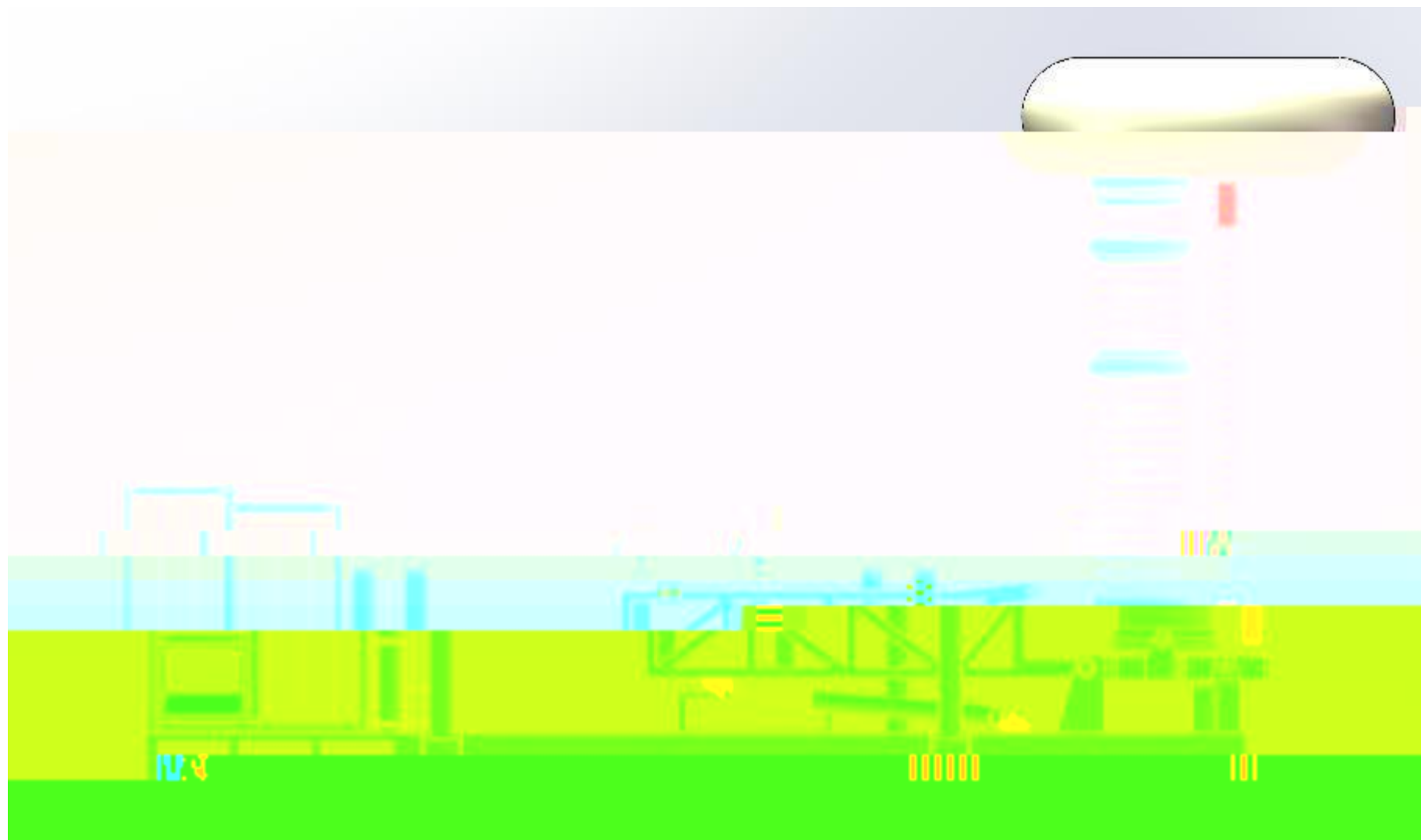


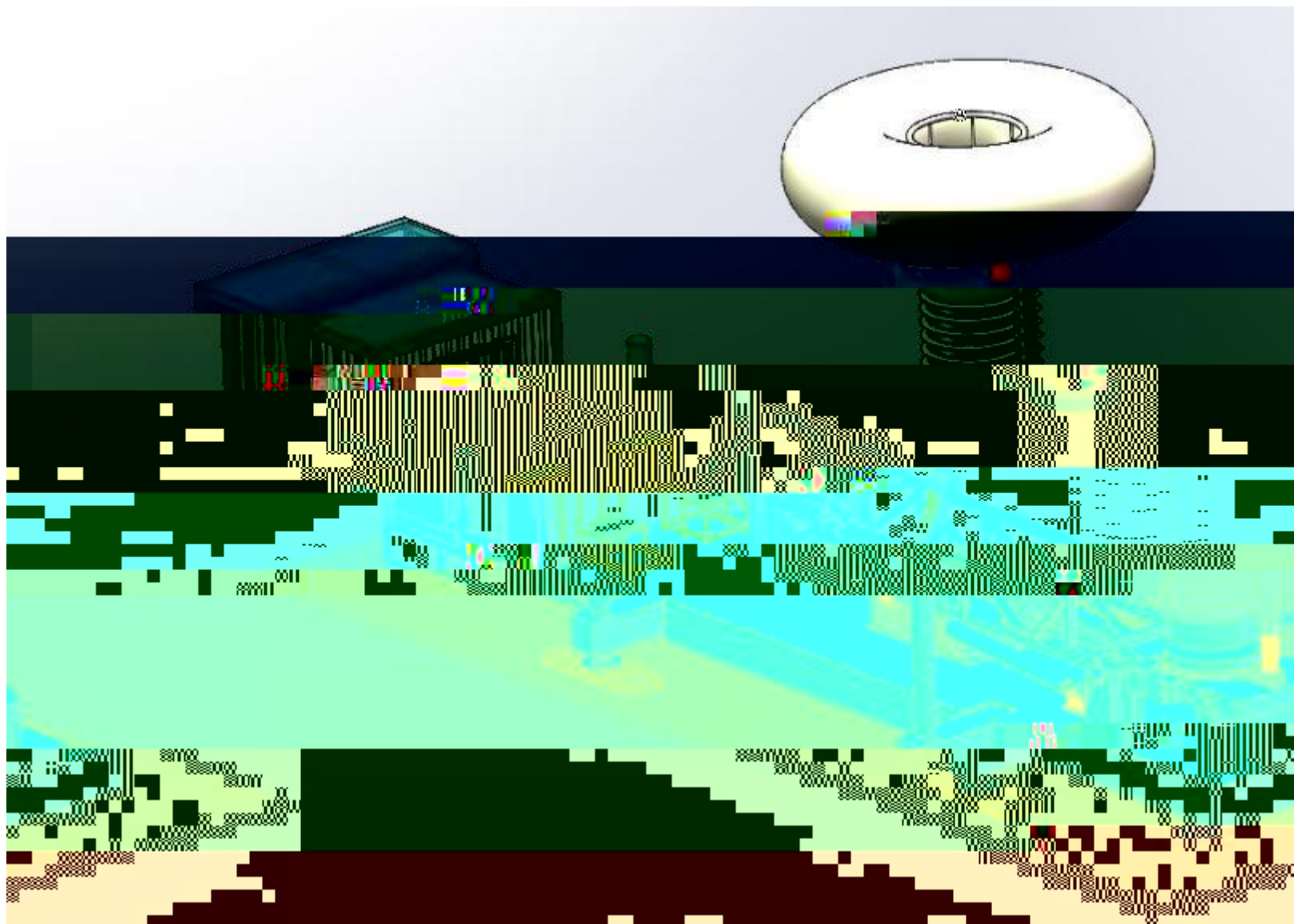


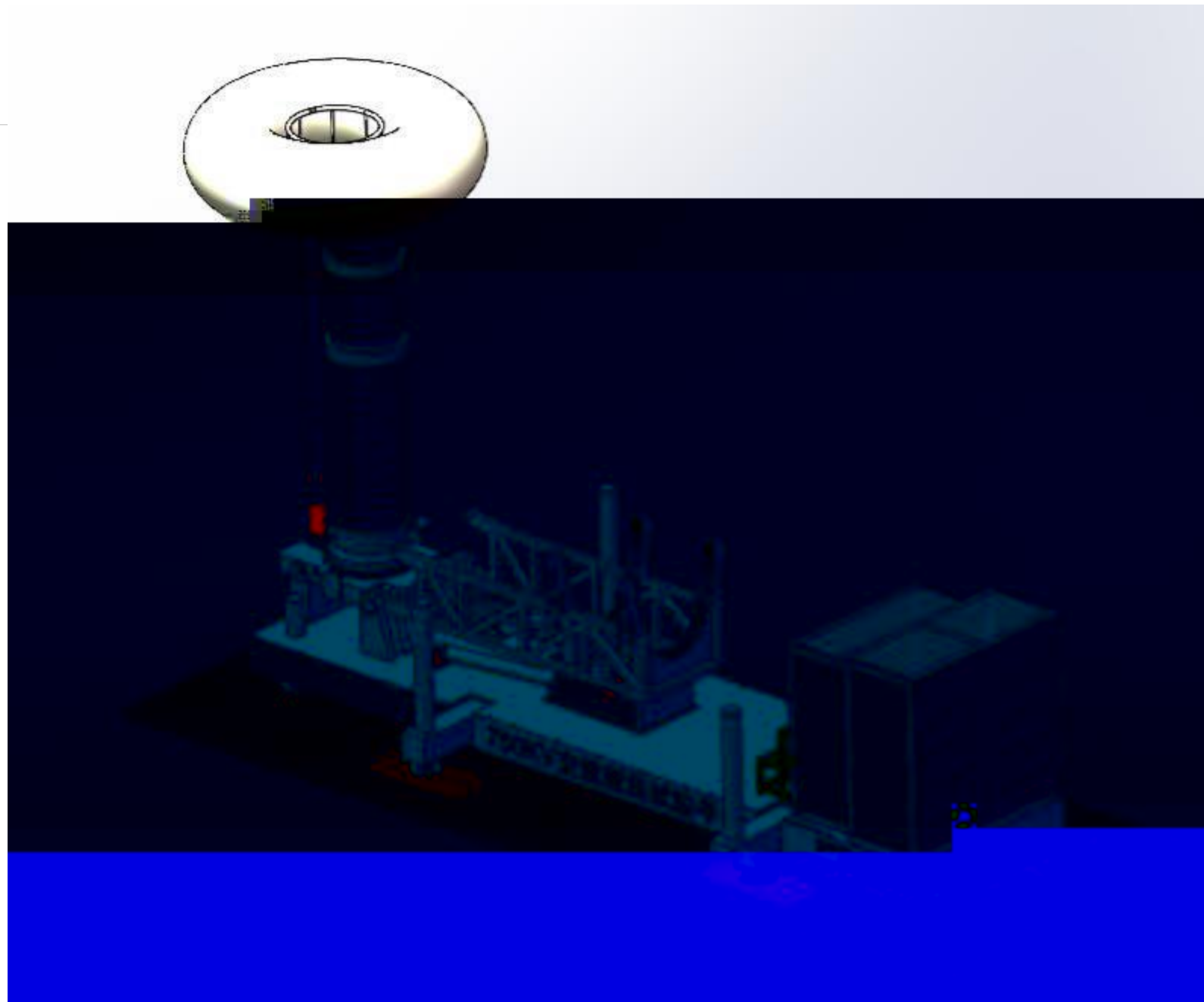


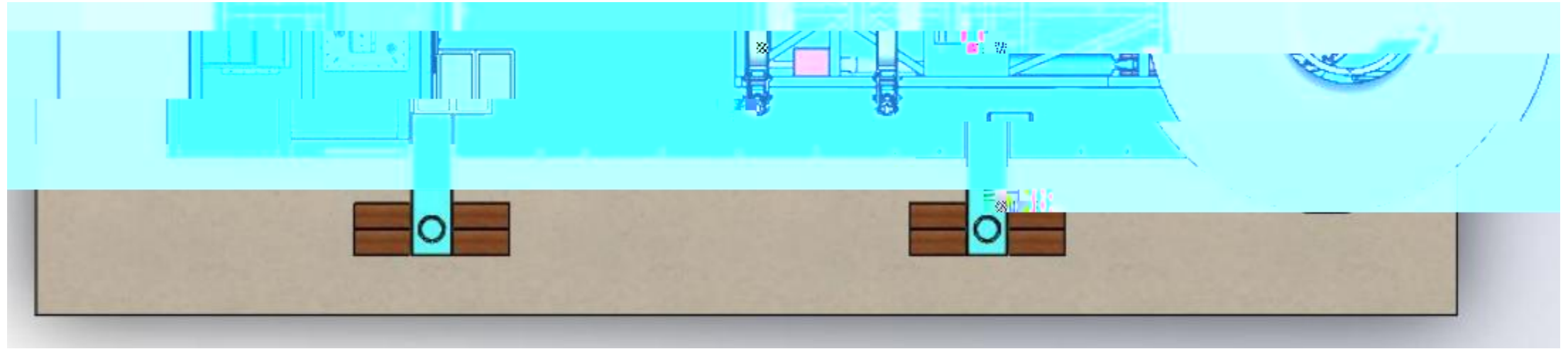












1

p

10 Mpa

20 Mpa

90 L/min

150 L



3

PLC

3.2

1500mm, 4

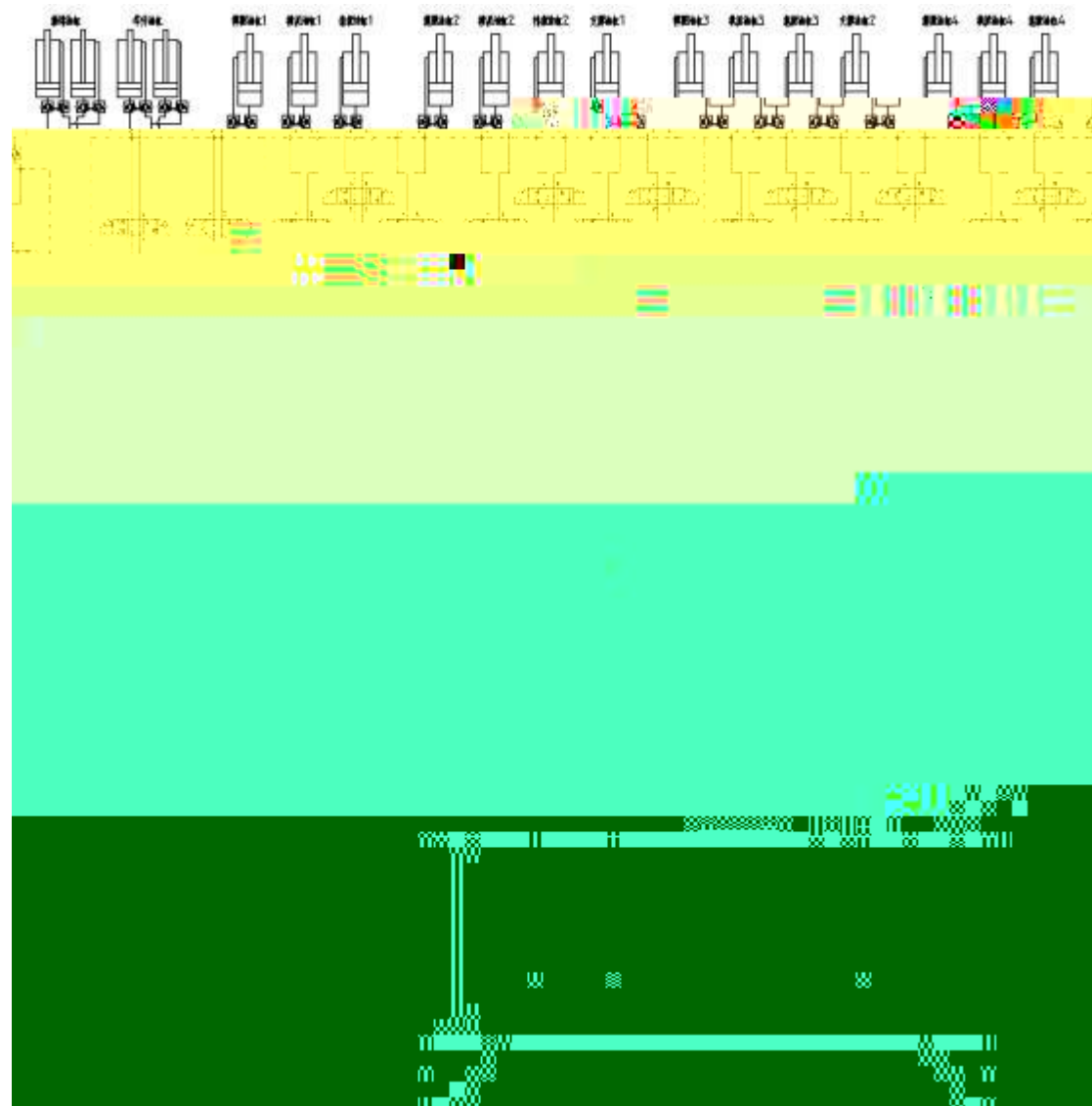
4

4

,
200mm

2.2机械部分

4

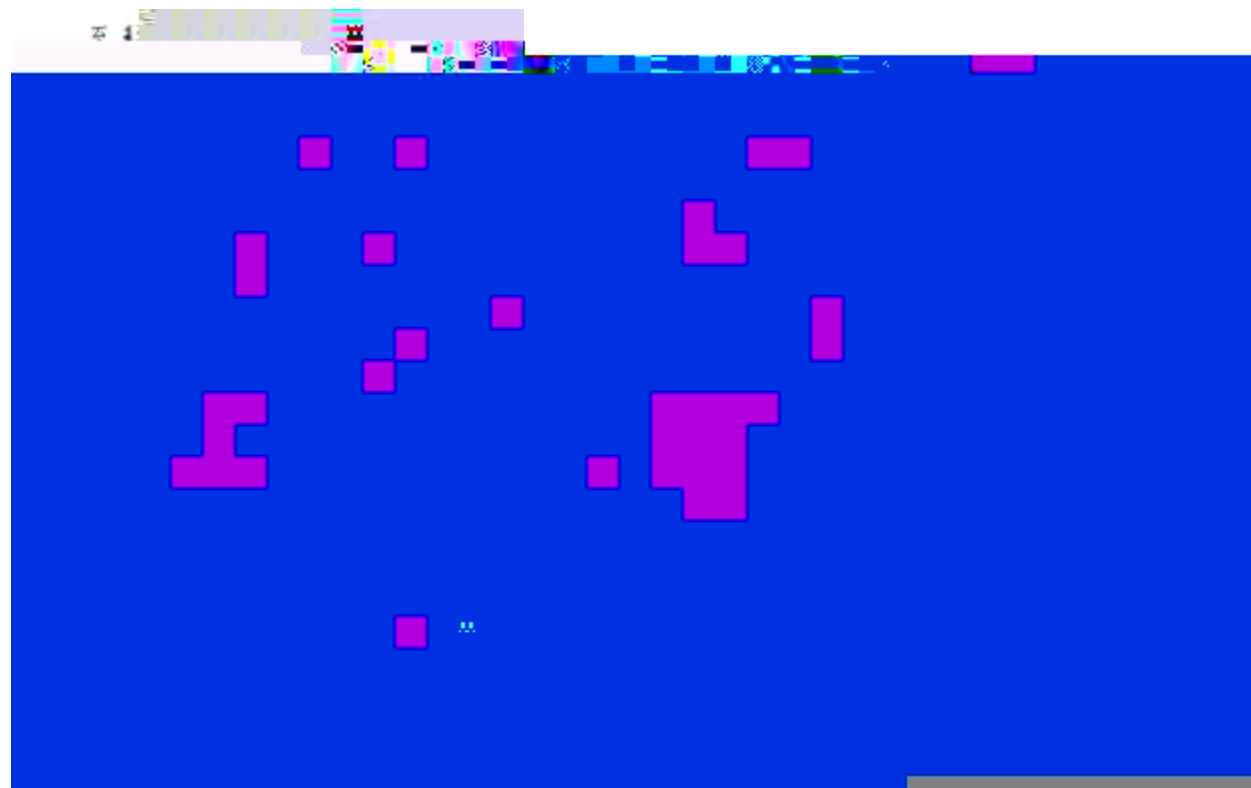


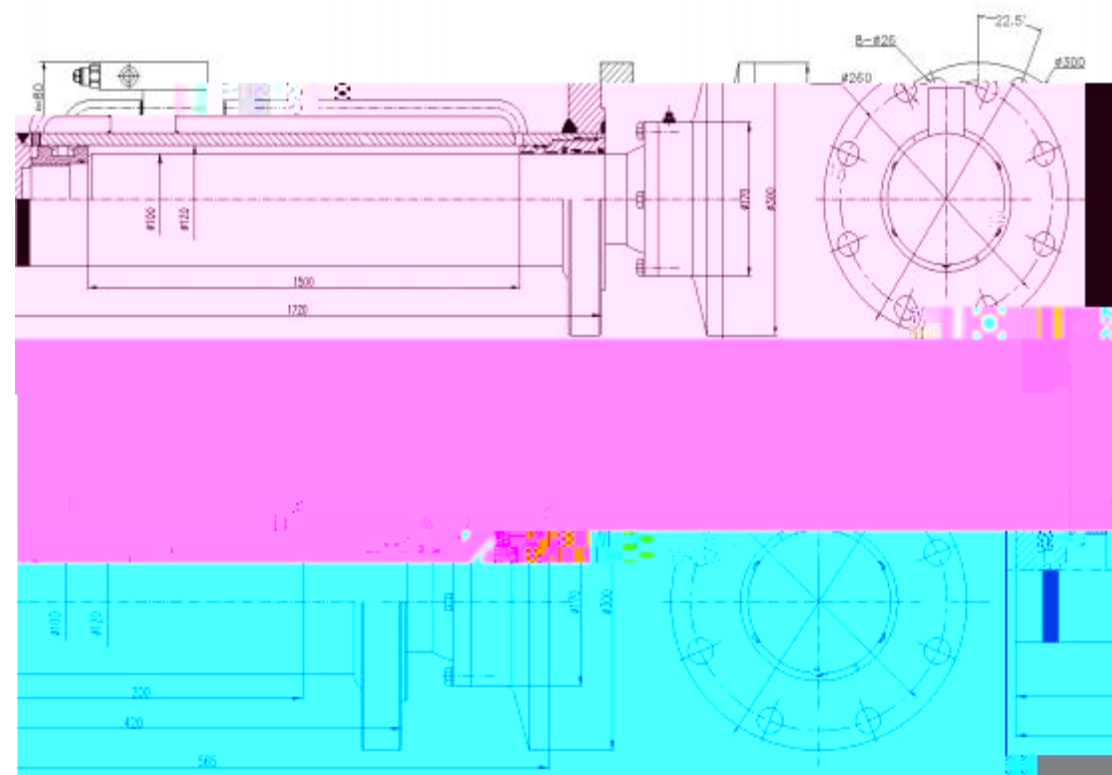
2.2机械部分

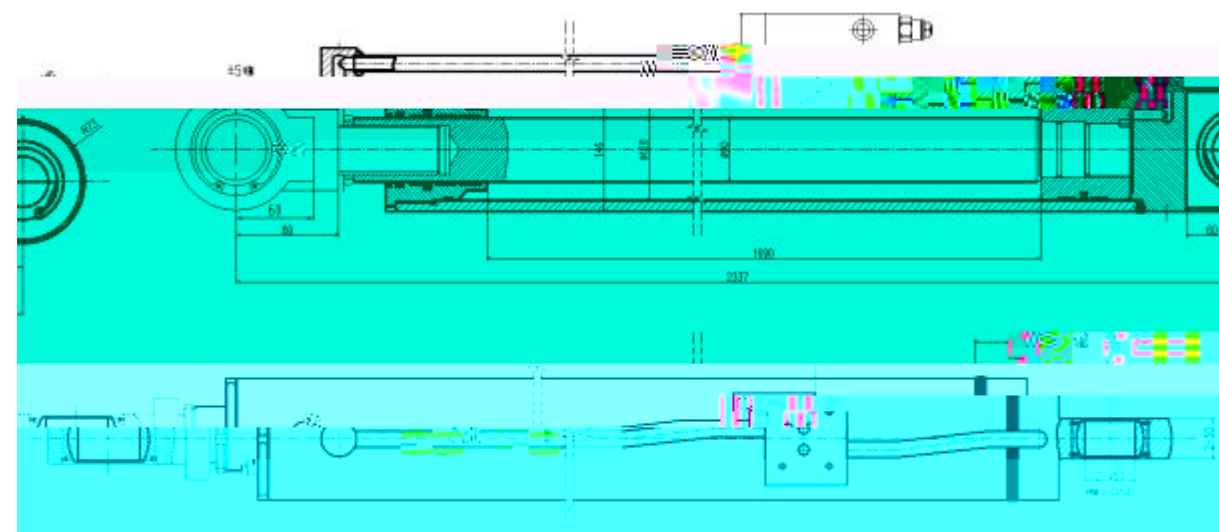
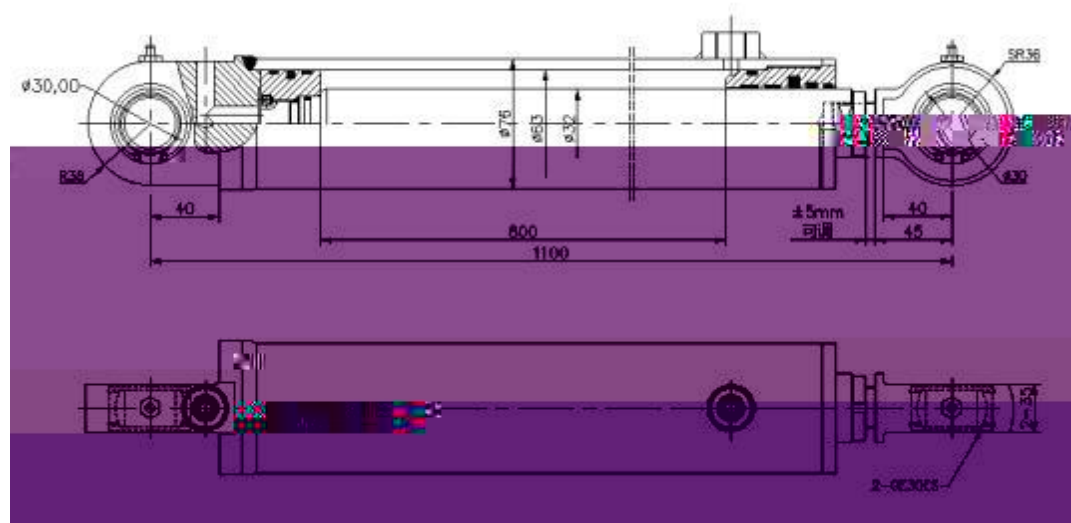
2%

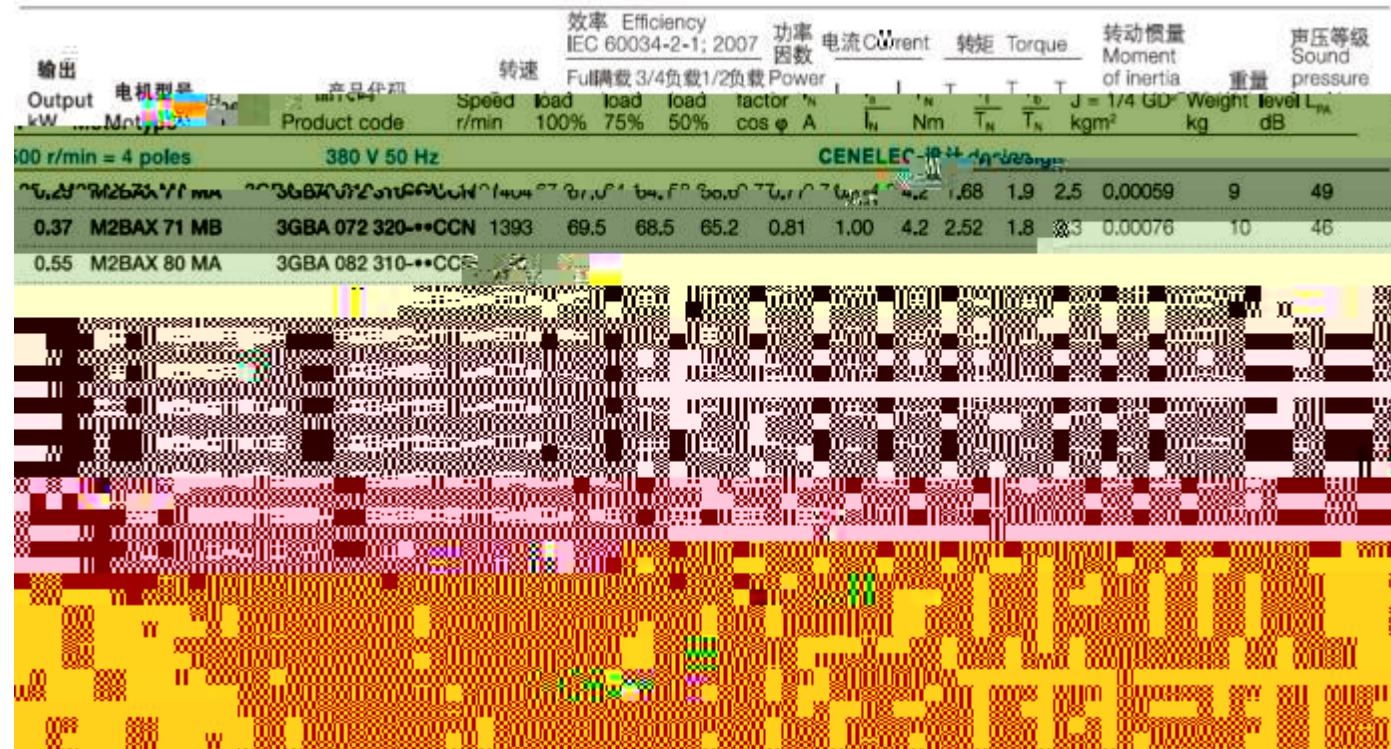
3 4%

1~



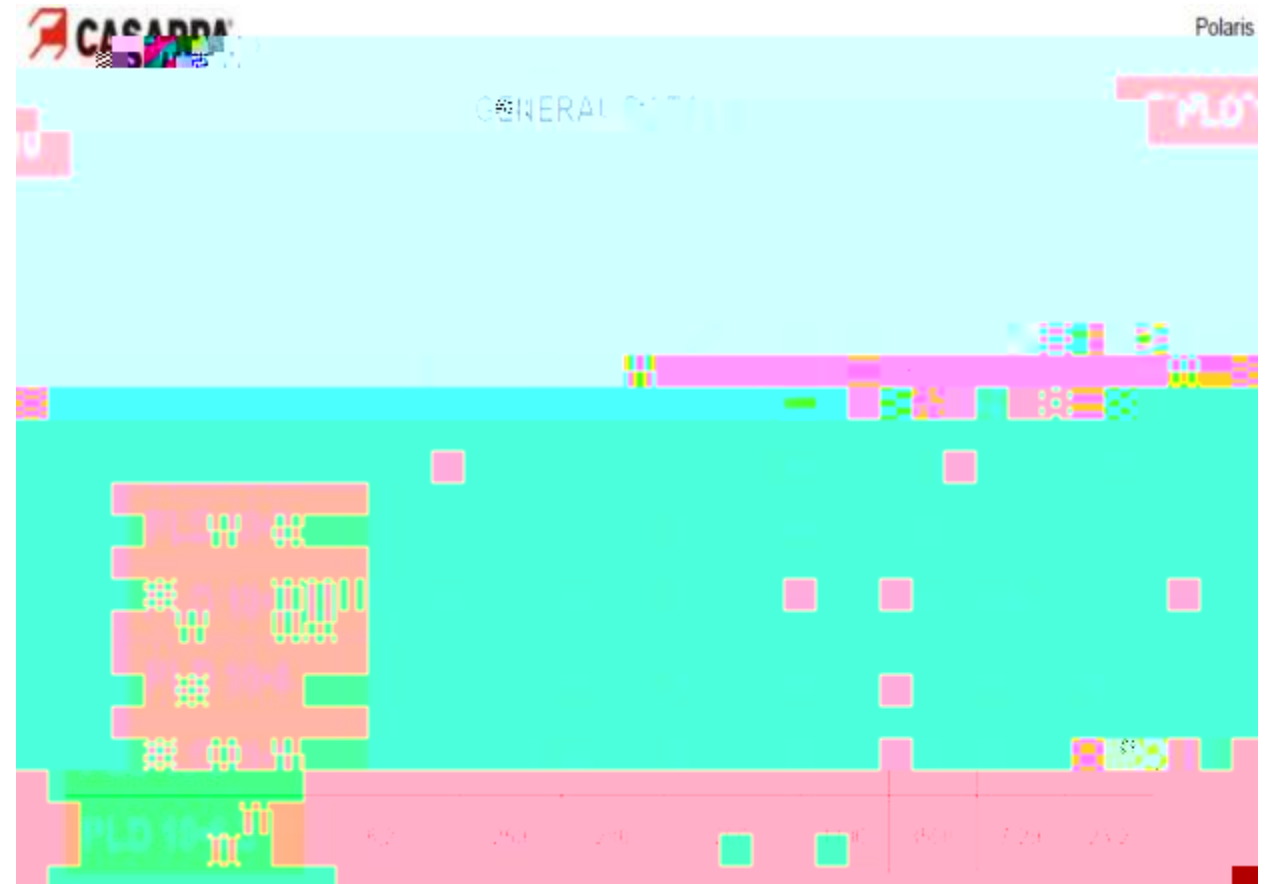








CASAPPA-PLD



10

1.



3

$$Q = \frac{L}{t}$$

Q — L/min

L — dm^3 ;

T — min

$$Q = (19 \cdot 2) \cdot 60 / 180 = 12.7 \text{ L/min}$$

$$Q = (17 \cdot 4) \cdot 60 / 180 = 22.7 \text{ L/min}$$

$$Q = (2.3 \cdot 2) \cdot 60 / 20 = 13.8 \text{ L/min}$$

$$Q = (2.5 \cdot 4) \cdot 60 / 30 = 20 \text{ L/min}$$

$$Q = (0.4 \cdot 4) \cdot 60 / 10 = 9.6 \text{ L/min}$$

$$Q = (0.2 \cdot 2) \cdot 60 / 5 = 4.8 \text{ L/min}$$

4.

$$p = Q/n$$

p — cm^3/rev

Q — L/min

n — 1500r/min

$$p = 12.7 \cdot 1000 / 1500 \approx 8.5 \text{ cm}^3/\text{rev}$$

$$p = 22.7 \cdot 1000 / 1500 \approx 15.1 \text{ cm}^3/\text{rev}$$

10+6



5.

$$P = (p \cdot Q) / 60$$

P — KW

Q — 15/24 L/min

p — 20/10MPa

$$P = (10 \cdot 24) / 60 \approx 4 \text{ KW}$$

$$P = (20 \cdot 15) / 60 \approx 5 \text{ KW}$$

1500rpm , 7.5KW
380V 50Hz

2.3保护部分
