

Photo of heavy-duty hydraulic cylinder





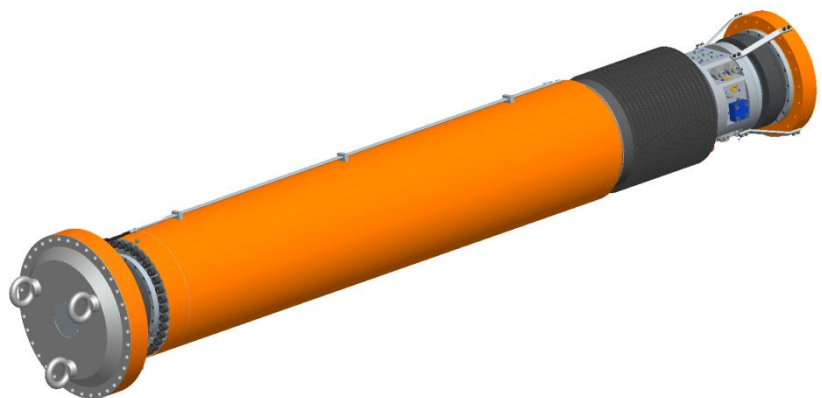
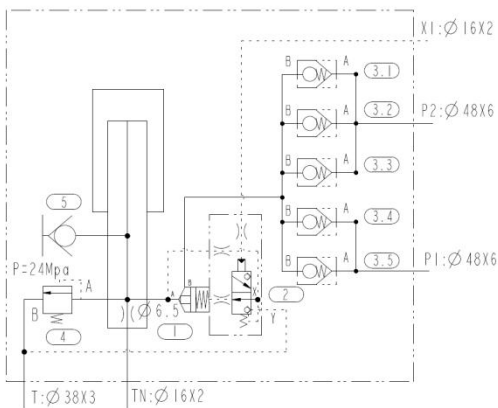


## heavy-duty hydraulic cylinder

Since its establishment, the company has developed and produced over a thousand high-pressure, large-diameter, and long stroke heavy-duty hydraulic cylinders for customers in the metallurgical heavy machinery industry, including steel ladle lifting cylinders, electrode lifting cylinders, expansion and contraction cylinders, balance cylinders, bending roller cylinders, booster cylinders, ultra-high pressure cylinders, piston rod clamping cylinders, gas-liquid composite cylinders, loading cylinders, high-frequency vibration cylinders, etc. Here are a few examples of heavy-duty hydraulic cylinders:

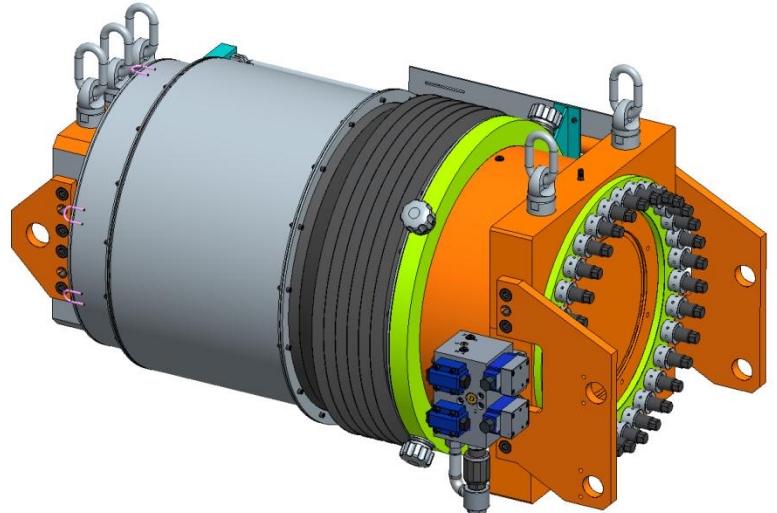
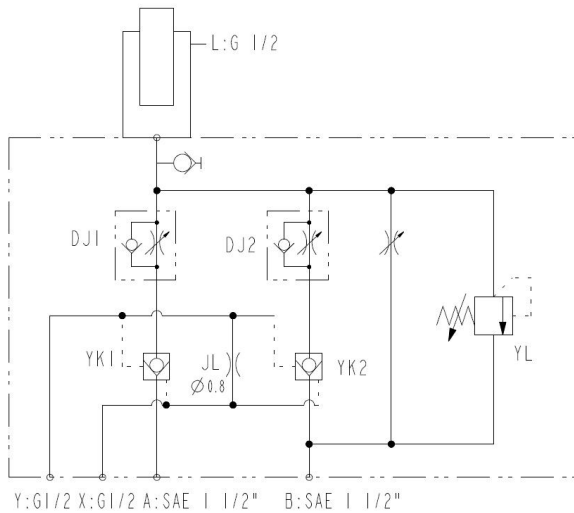
### 1. RH furnace top lifting hydraulic cylinder

Cylinder diameter: 700 Rod diameter: 650 Stroke: 3100 Working pressure: 22MPa Test pressure: 33MPa



### 2. steel ladle turntable hydraulic cylinder 27187 Tao Juan

Cylinder diameter: 755 plunger diameter: 700 stroke: 690 working pressure: 22MPa test pressure: 30MPa external displacement sensor

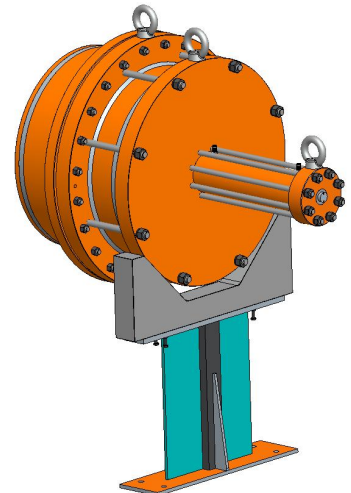
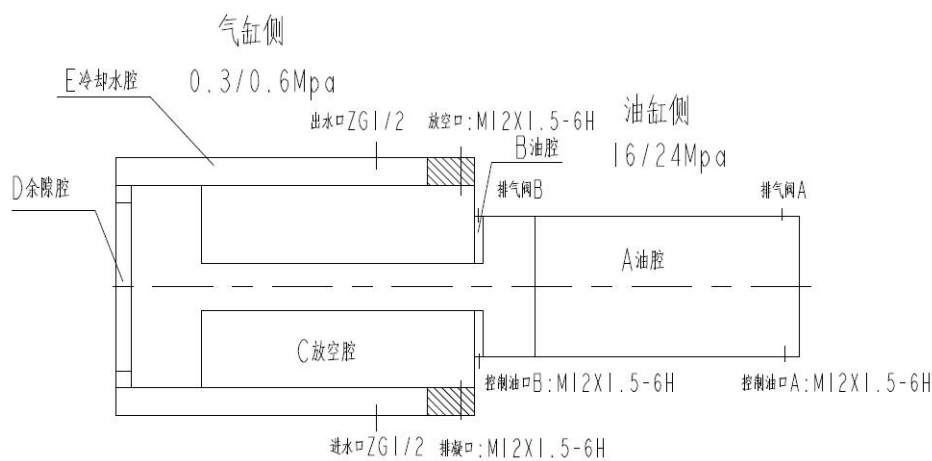


### 3. Gas-liquid composite cylinder 29064 Tao Juan

Cylinder diameter: 600 Rod diameter 90 Stroke: 325 Working pressure: 0.3MPa Test pressure: 0.6MPa

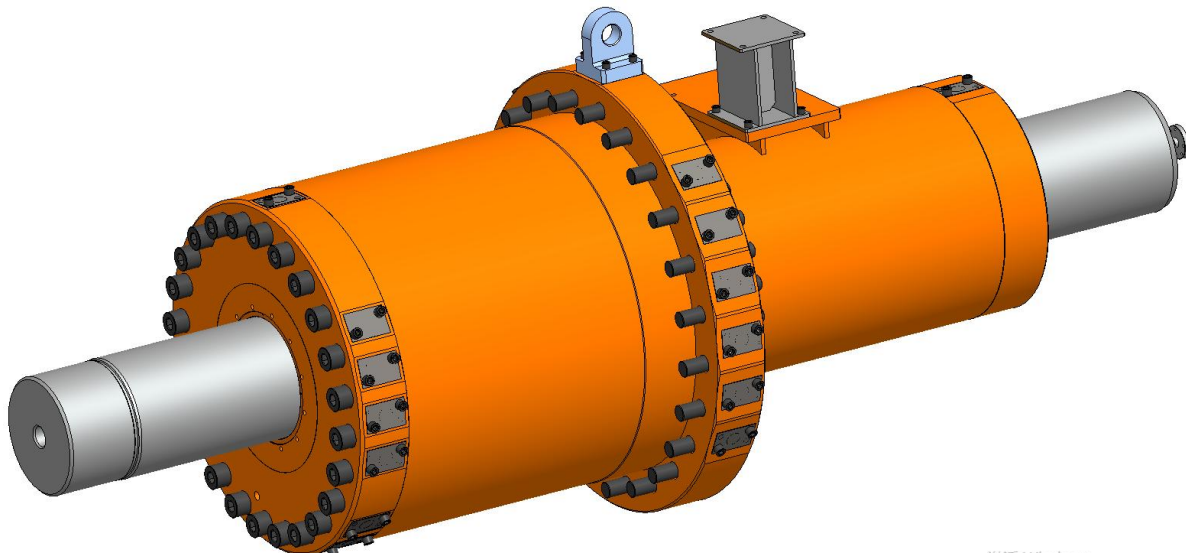
Cylinder diameter: 125 Rod diameter 90 Stroke: 320 Working pressure: 16MPa Test pressure: 24MPa

Cooling water cylinder inner diameter: 750 outer diameter 789 Water supply pressure: 0.5MPa Test pressure: 1MPa



### 4. Fatigue testing machine high-frequency vibration cylinder

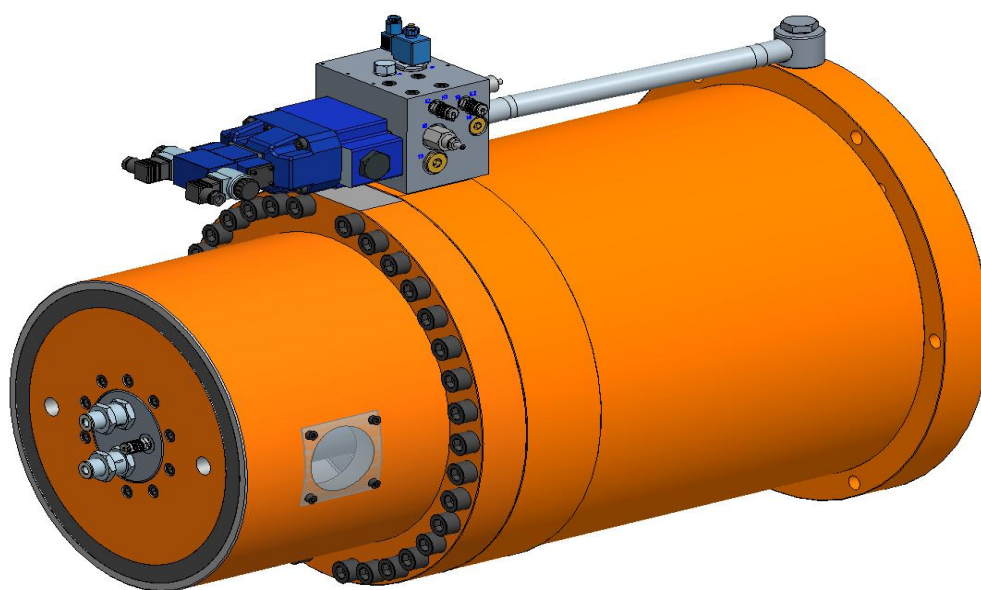
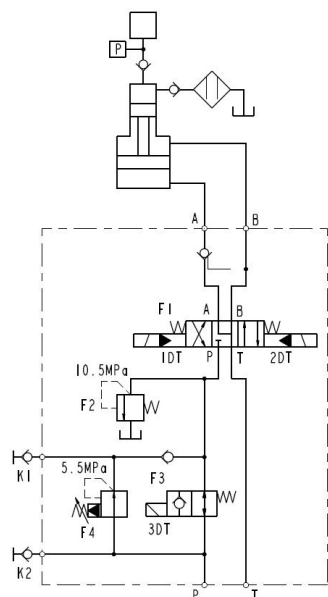
Serial cylinder large cylinder diameter: 800, small cylinder diameter: 500, rod diameter: 360, stroke:  $\pm 305$ , built-in displacement sensor, working pressure: 23MPa, test pressure: 37.5MPa, vibration frequency: 0.5-10HZ



### 5. Oil water booster

Low pressure cylinder diameter: 520 rod diameter: 380 stroke: 320 working pressure: 10.5MPa test pressure: 15MPa  
working medium: hydraulic oil

High pressure plunger diameter: 200 stroke: 325 can output two types of boosting pressure: 35MPa or 70MPa



## 6. Static pressure bearing high-frequency vibration servo hydraulic cylinder 36078

Cylinder diameter: 500 Rod diameter: 300 Stroke:  $\pm 150$  Working pressure: 28MPa Test pressure: 35MPa Working frequency: 0.5-100HZ Built in displacement sensor Two end gapless ball joint

