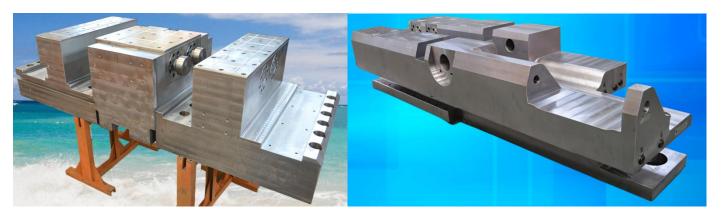
### Photo of hydraulic cylinder block



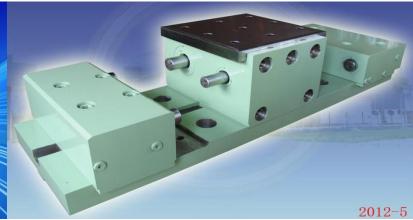






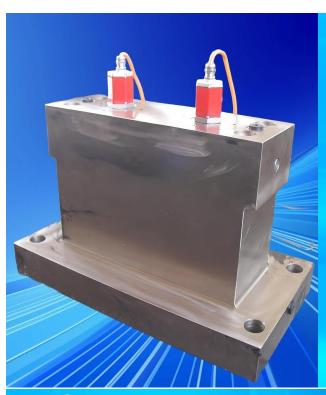








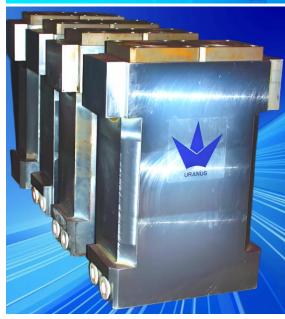














### hydraulic cylinder block

Our company has been independently designing and producing hydraulic cylinder blocks for rolling mills for nearly 30 years. We have provided more than 3000 various types of hydraulic cylinder blocks to domestic and foreign customers, including work roll bending cylinder blocks, work roll support balance cylinder blocks, press down cylinder blocks, as well as cylinder blocks for cylinders 1, 2, 3, 4, and 5. There are cylinder blocks with elliptical plungers, universal cylinder blocks, and customized cylinder blocks designed according to customers' special technical requirements. The cylinder blocks produced by our company are reliable in operation, have a high safety factor, are resistant to high-pressure and high-speed impacts, and have a long service life.

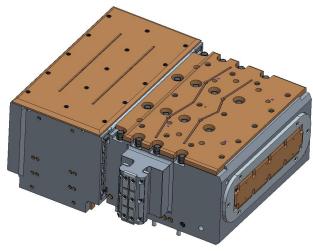
Here are several examples of cylinder block products:

1. Four cylinder bending roller cylinder block

Technical parameters:

Cylinder diameter: 260 Rod diameter: 220 Stroke 560 2pcs Cylinder diameter: 260 Rod diameter: 220 Stroke: 111 2pcs

Working pressure: 29MPa Test pressure: 37MPa



2. Balance oil cylinder+bending roller cylinder Technical parameters:

Cylinder diameter: 85 Rod diameter: 60 Stroke: 160 1pcs Working pressure: 14MPa Test pressure:

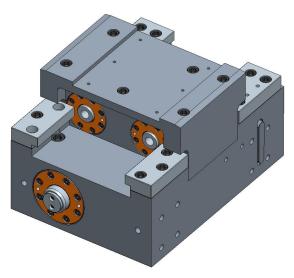
21MPa

Cylinder diameter: 85 Rod diameter: 60 Stroke: 28 1pcs Working pressure: 21MPa Test pressure:

27MPa

Cylinder diameter: 60 Rod diameter: 42 Stroke: 48 2pcs Working pressure: 21MPa Test pressure:

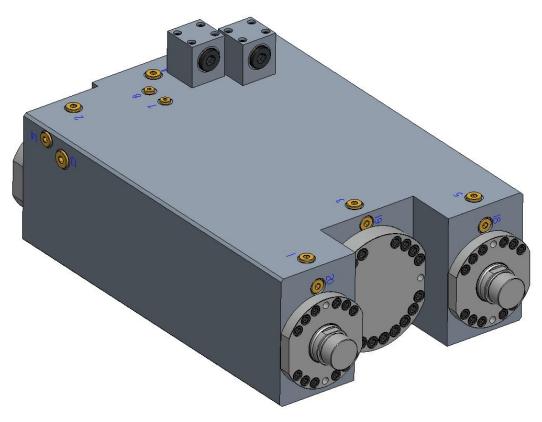
27MPa



# 3. Steel coil car lifting hydraulic cylinder Technical parameters:

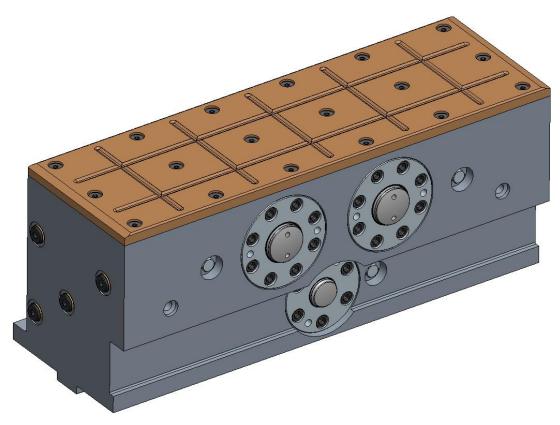
Cylinder diameter: 160 Rod diameter: 100 Stroke 500 1pcs Cylinder diameter: 110 Rod diameter: 70 Stroke: 600 2pcs

Work pressure: 25MPa Test pressure: 31.5MPa



## 4. Three hole middle roller right cylinder block Technical parameters:

Cylinder diameter: 85 Rod diameter: 55 Stroke: 80 2pcs Working pressure: 18MPa Test pressure: 21MPa Cylinder diameter: 56 Rod diameter: 40 Stroke: 82 1pcs Working pressure: 10MPa Test pressure: 15MPa

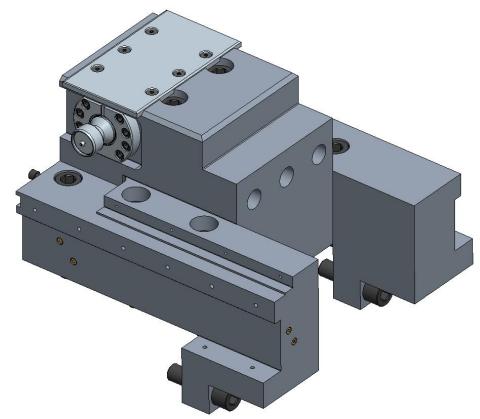


#### 5. Work roll bending device

Technical parameters:

Cylinder diameter: 100 Rod diameter: 70 Stroke: 60 1pcs Cylinder diameter: 100 Rod diameter: 70 Stroke: 42.5 1pcs

Work pressure: 21MPa Test pressure: 31MPa



#### 6. Bending roller cylinder

Technical parameters:

Cylinder diameter: 220 Rod diameter: 180 Stroke: 1800

Work pressure: 24MPa Test pressure: 30MPa

