

SPHF/SPHP Synchronous Lifting System / Heavy Lifting Solution

| Number of lifting Points: 2, 4, 120 Accuracy: $\pm 0.5\text{mm}$ over full stroke Maximun Operating Pressure: 700bar | | | | | | | |
|--|------------------------|----------------|------------------|------------|------------------|----------------|-------------|
| Model Number | Maximun Pressure (bar) | Lifting Points | Oil Flow (L/min) | Power (KW) | Oil Capacity (L) | Dimension (mm) | Weight (Kg) |
| SPHF-0.4-2 | 700 | 2 | 0.4 | 0.75 | 65 | 600×800×100 | 100 |
| SPHF-1-4 | 700 | 4 | 1.0 | 1.5 | 150 | 700×900×120 | 250 |
| SPHF-2.5- | 700 | 4 | 2.5 | 3 | 200 | 900×1400×12 | 350 |
| | | | | | | | |
| Model Number | Maximun Pressure (bar) | Lifting Points | Oil Flow (L/min) | Power (KW) | Oil Capacity (L) | Dimension (mm) | Weight (Kg) |
| SPHP-1-4 | 700 | 4 | 1.0 | 1.5 | 150 | 1000×750×10 | 300 |
| SPHP-1-4Y | 700 | 4 | 1.0 | 1.5 | 150 | 1000×750×10 | 300 |

1. Computer controlled synchronous jacking system.
2. Fully automatic computer control system.
3. Speed lifting controlled.
4. Ultra-high pressure balance valve circuit.
5. Frequency or pulse conversion speed control for high accuracy of $\pm 0.5\text{mm}$
6. Adjustable oil flowately control the lifting speed of oil cylinder.
7. High-precision electronic control of displacement and pressure detection system.
8. Synchronous jacking, synchronous landing, heavy load city weight, etc
9. PLC control system, automatic zero finding function.
10. Suitable for transportation, railway, bridge, subway, shipbuilding, construction, hydraulic engineering, etc.

Ordering Example

Model: SPHF-1-4

Variable frequency synchronous jacking system, high pressure flow 1L /min, 4 point jacking

1, Products Type

SPHF=Variable frequency synchronous jacking system

SPHP=Pulse synchronous jacking system

2, High Pressure Flow

0.4=0.4L/min

1 = 1L/min

3, Lifting Points

4=4 units hydraulic cylinders synchronous go up and down

8=8 units hydraulic cylinders synchronous go up and down;

4, Control System

Y=contrl system

Typical Synchronous Jacking Applications

- **Top up, down, heavy construction weighing**
- **Bridge maintenance**
- **Roof lifting**
- **Reinforce support and load from temporary support**

transfer the support to a fixed support

- **Heavy equipment installation**
- **Segmented bridge jacking and box jacking**
- **Pile foundation test**