

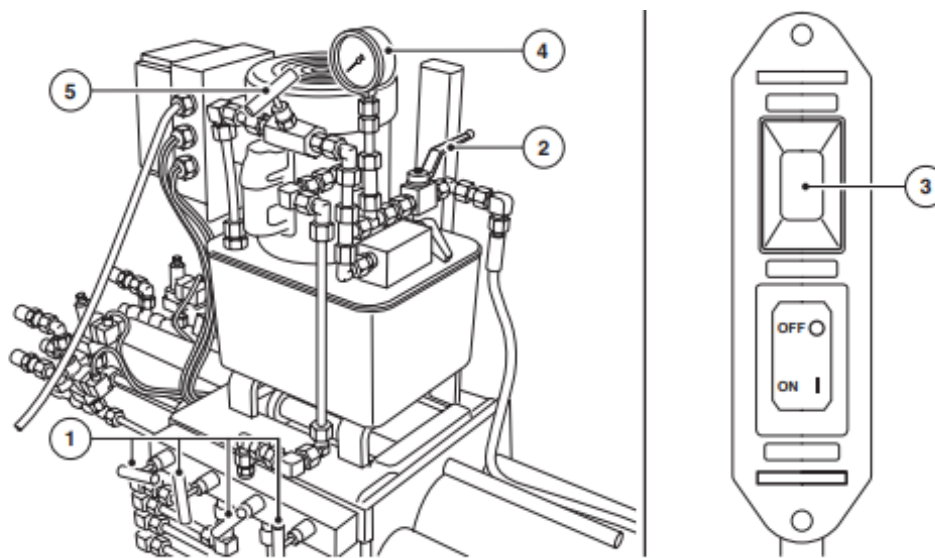
# Quick Reference User Guide

## for JUNG Synchronized Lifting System

Please refer to the manufacturer's manual for detailed instructions

### Set-up

1. Attach all 4 jacks to the nipples on the pump (1) using hydraulic hoses
2. Close all valves (1)
3. Close lowering valve (5)
4. Close the ball cock (2) by turning it clockwise
5. Turn on pump (on remote)



### Raise one jack at a time to meet the load

1. Open the valve of the one jack to be lifted (1)
2. Press the switch (3) on the remote to raise the jack to contact the bottom of the load and stop when the pressure gauge (4) indicates minimal pressure (This indicates that the jack has fully engaged with the load).
3. Release the switch on the remote (3).
4. Close the valve (1)
5. Repeat for each jack
6. Each jack is now carrying the weight and is ready to lift the load.

### Lifting

1. Ensure all 4 valves are closed(1)
2. Open the ball cock (2)
3. Press the switch on the remote to lift the load (3)
4. Release switch at desired height (3)

### **Load holding**

1. Optional: The ball cock (2) can be closed at any time for load holding

### **Lowering the load** (lower all 4 jacks simultaneously)

1. Open (if not already open) the ball cock (2)
2. Slowly open the needle valve (5)
3. The load will lower based on how quickly the needle valve (5) is opened
4. Close the needle valve (5) when load is fully lowered

### **Fully retract each jack individually to the ground/starting position**

1. Close the ball cock (2)
2. Open each valve (1) individually
3. Open the lowering valve (5)

### **Gauge**

The system operates at 7540 psi (520 bar). If the gauge shows this maximum pressure, then the jack(s) have reached the maximum load capacity. If the pressure exceeds this max pressure, the jacks are being overloaded. In this case the pump will shut off and the LEDs will switch from Green to Red.

If the pressure shows half the pressure, the jack(s) are carrying half the load.

### **Spring Return**

The 20-ton jacks are outfitted with spring return which will automatically retract the jacks. The 10-ton jacks are not outfitted with the spring return feature. Please apply pressure to retract.