

Service description

Product: VM420	Service description No.: 4120-S008	Ver: 1
-------------------	--	-----------

Symptom

The splitting ram returns slowly.

Cause

1. Wood chips and dust clogged around the splitting mechanism and harming function.
2. The splitting mechanism being incorrectly adjusted and not allowing the valve to operate as normal.
3. The valve ensuring quick emptying of the splitting cylinder during return does not operate
4. Pressure build up at the right side and "splitting impulse" The mechanism does not manage to operate.

Solution

1. Dismount the cover in front of the mechanism. Take care of moving parts at high pressure!! Remove wood chips and similar material causing dysfunction.
2. Watch [4120-S004](#)
3. Dismount the valve ensuring quick emptying of the splitting cylinder during return and ensure that the valve plunger can be operated manually by compressing the valve plunger with a blunt object not causing groves. If the valve plunger is stuck it must be dismounted (watch picture).
4. Watch [4120-S009](#)



The valve looks like this. Dismount the plug, pick out spring and plunger and remove eventual contaminants. Assemble the parts and apply thread tape as illustrated.