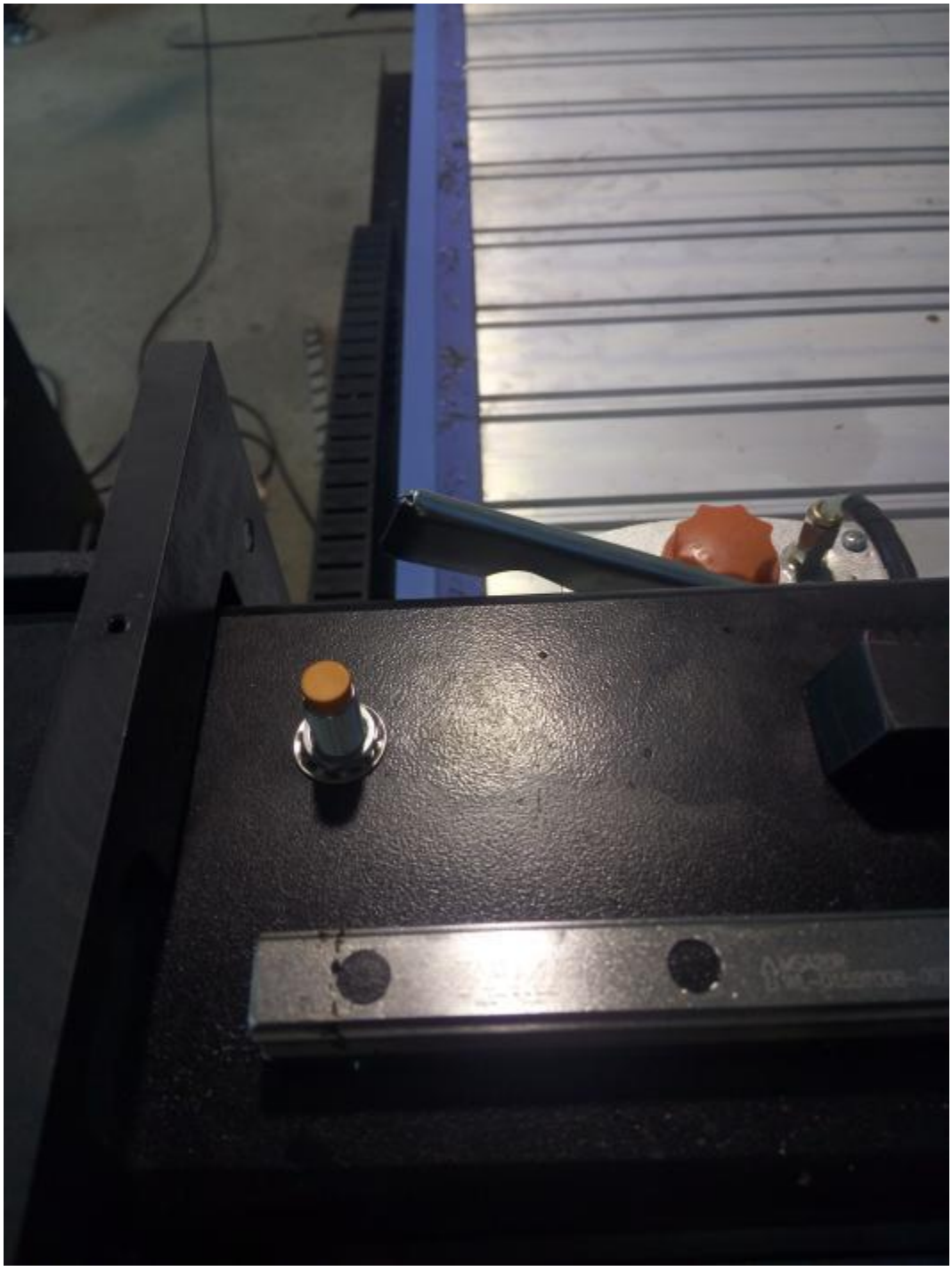
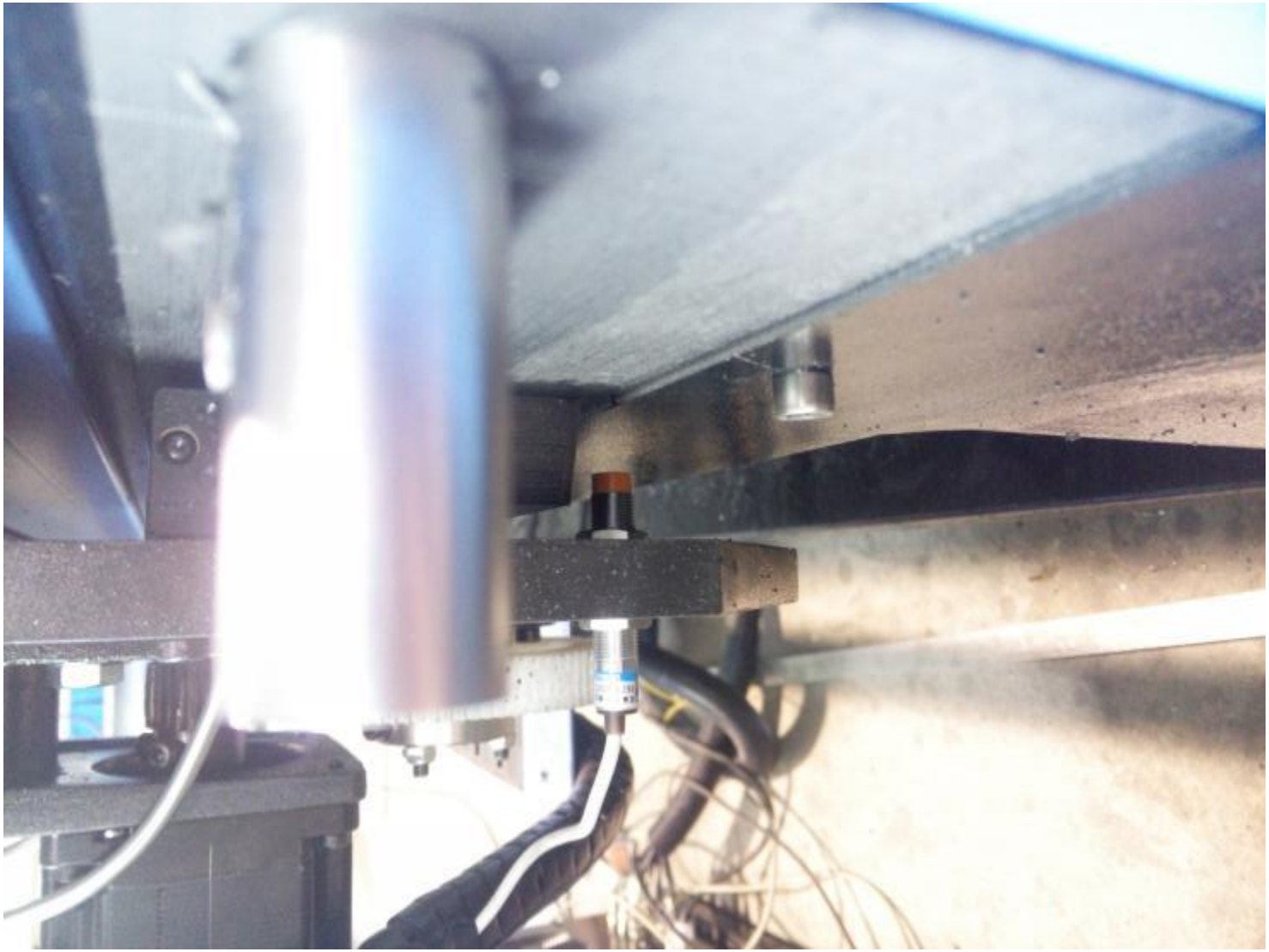
Warning limited spacing in NC Studio control system

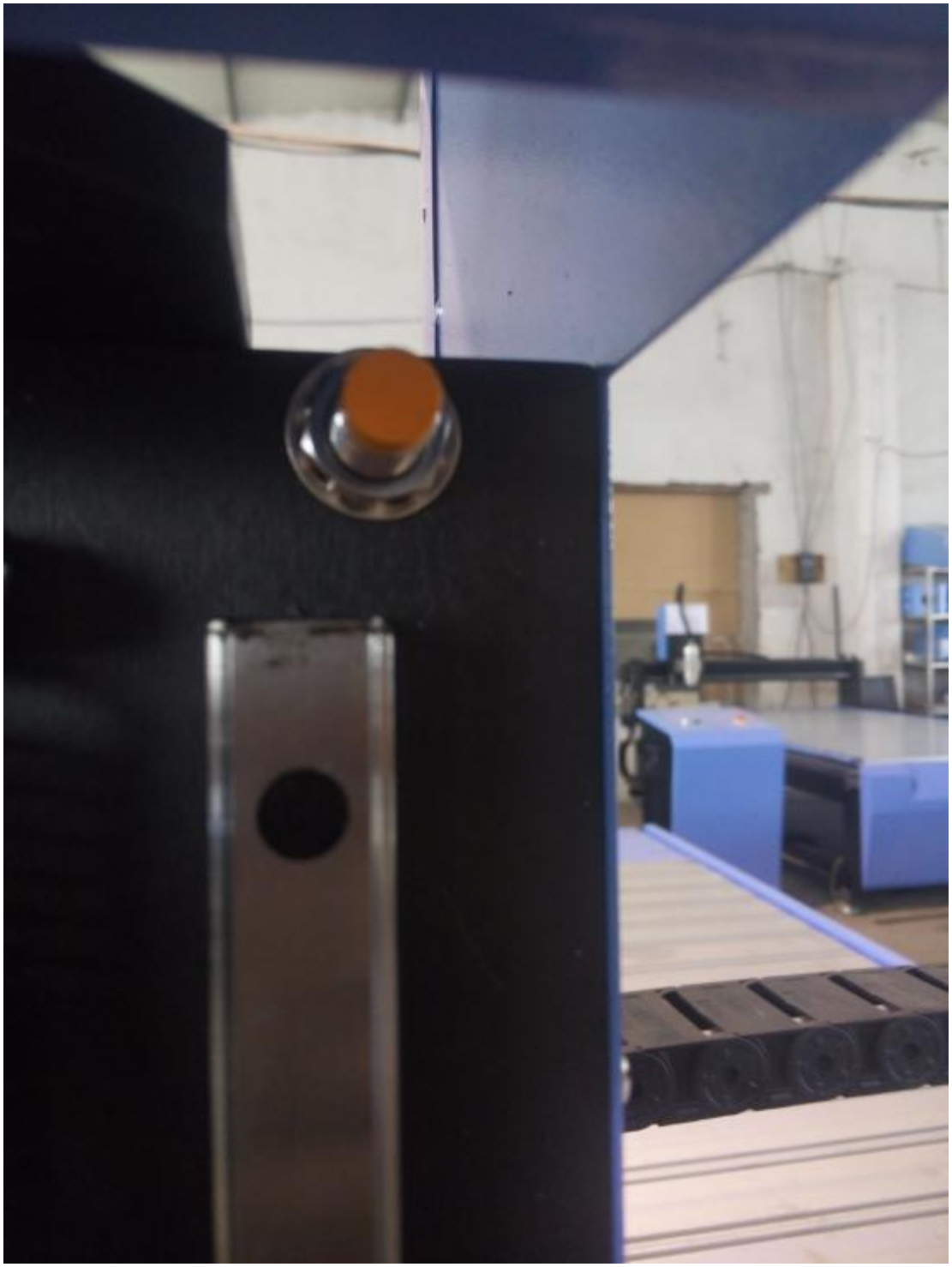
There are three conditions when warn limited space:

1. It touches the Iron materials

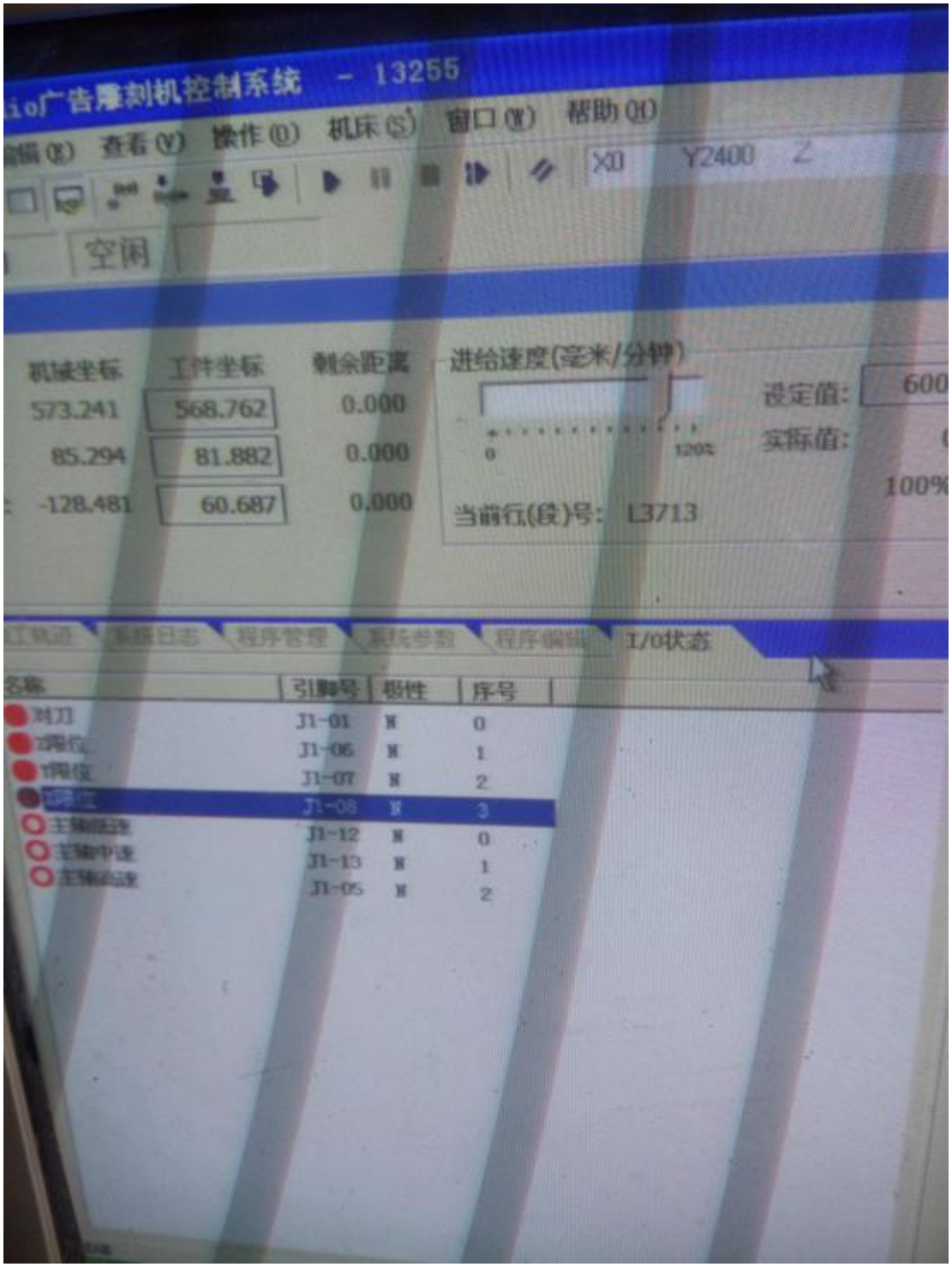
Limited spacing buttons are located in X,Y,Z axis separately. They are induction to Iron.



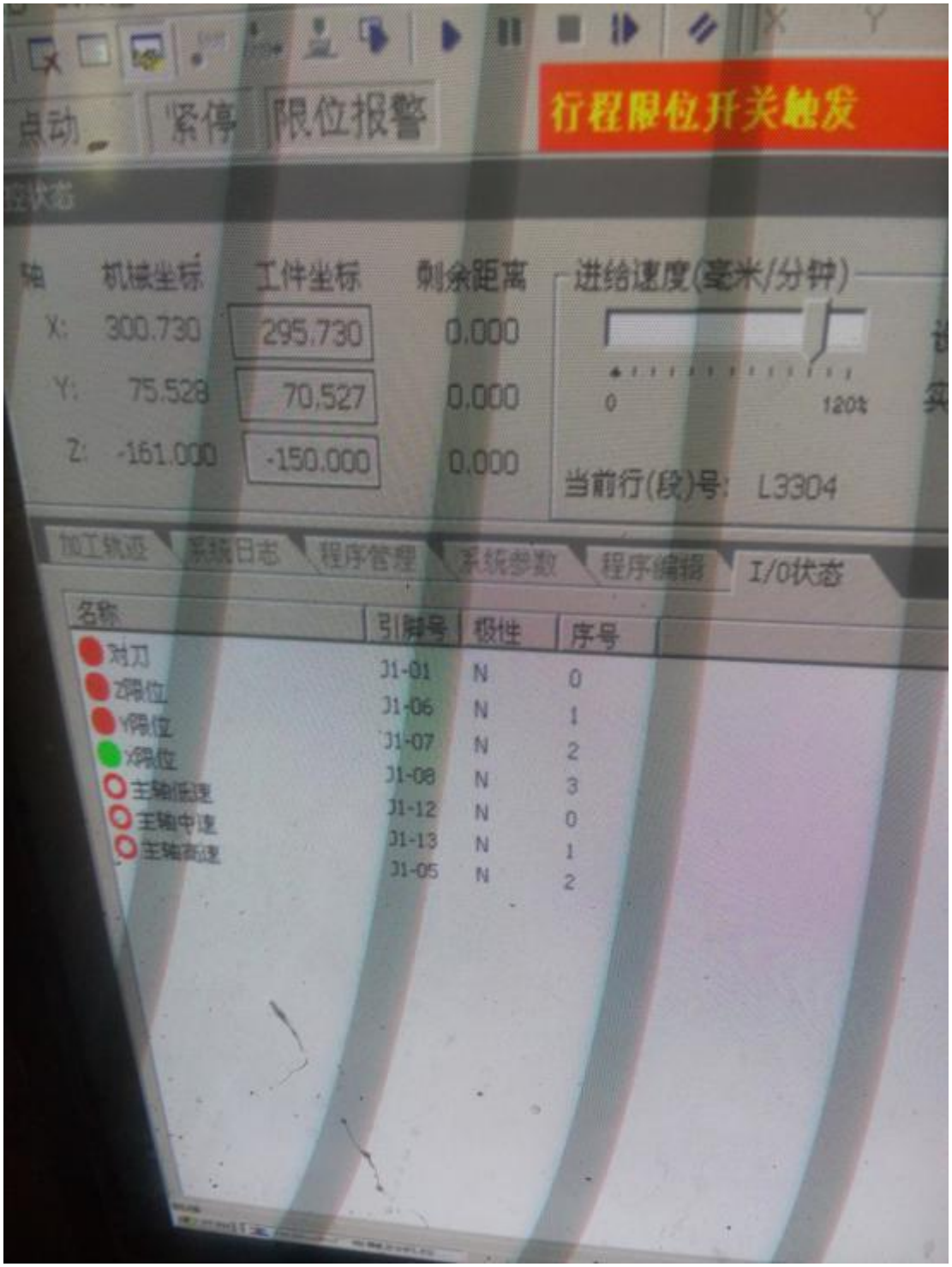




When machine works normally, limited spacing showing red in software, please refer to following picture:(you can find the spec in I/O states in software)

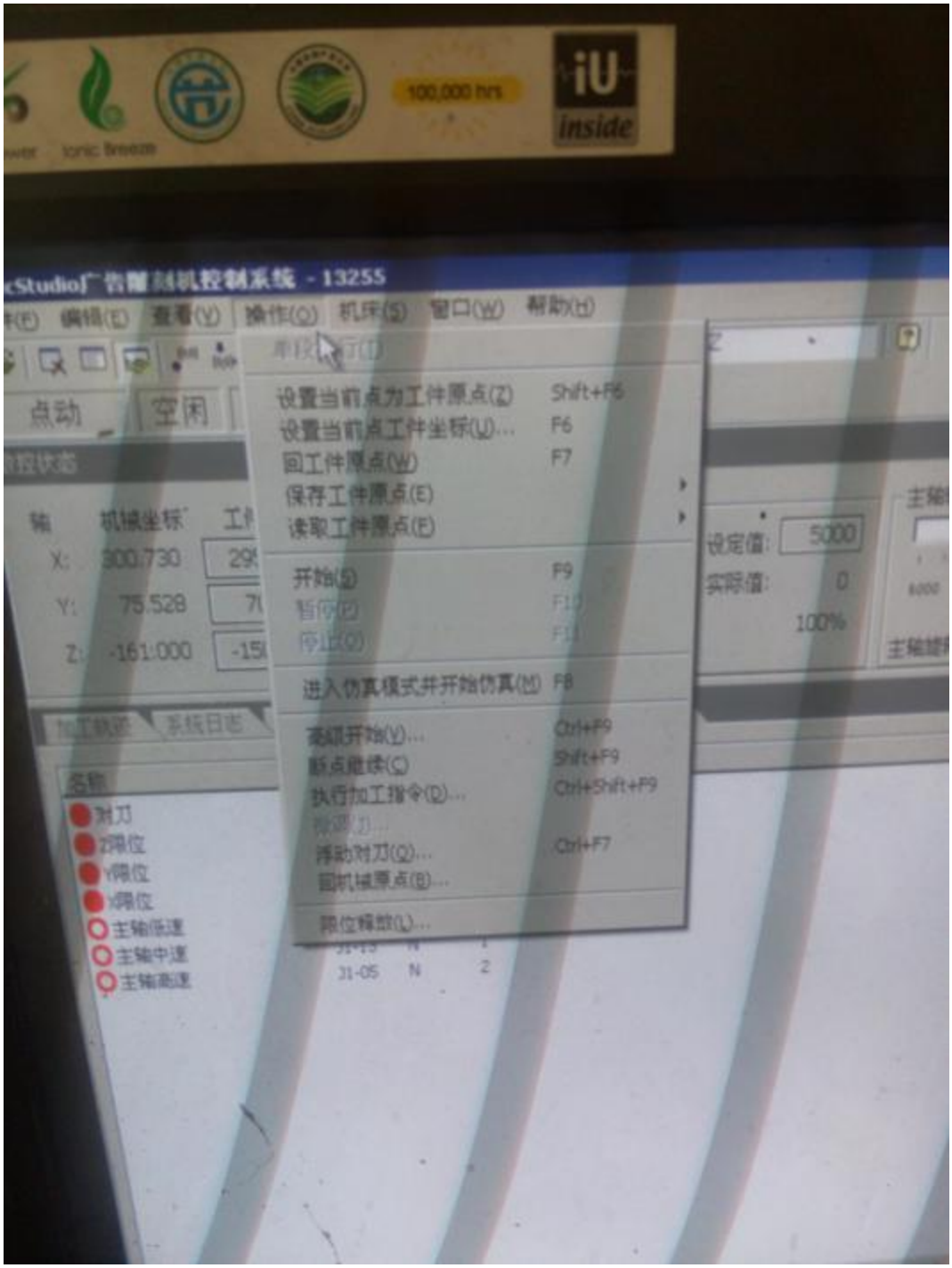

广告雕刻机控制系统 - 13255
查看(V) 操作(O) 机床(S) 窗口(W) 帮助(H)
X0 Y2400 Z
空闲
机械坐标 工件坐标 剩余距离
573.241 568.762 0.000
85.294 81.882 0.000
-128.481 60.687 0.000
进给速度(毫米/分钟)
设定值: 600
实际值:
100%
当前行(段)号: L3713
I/O状态
名称 引脚号 极性 序号
对刀 J1-01 N 0
J1-06 N 1
J1-07 N 2
J1-08 N 3
J1-12 N 0
J1-13 N 1
J1-05 N 2

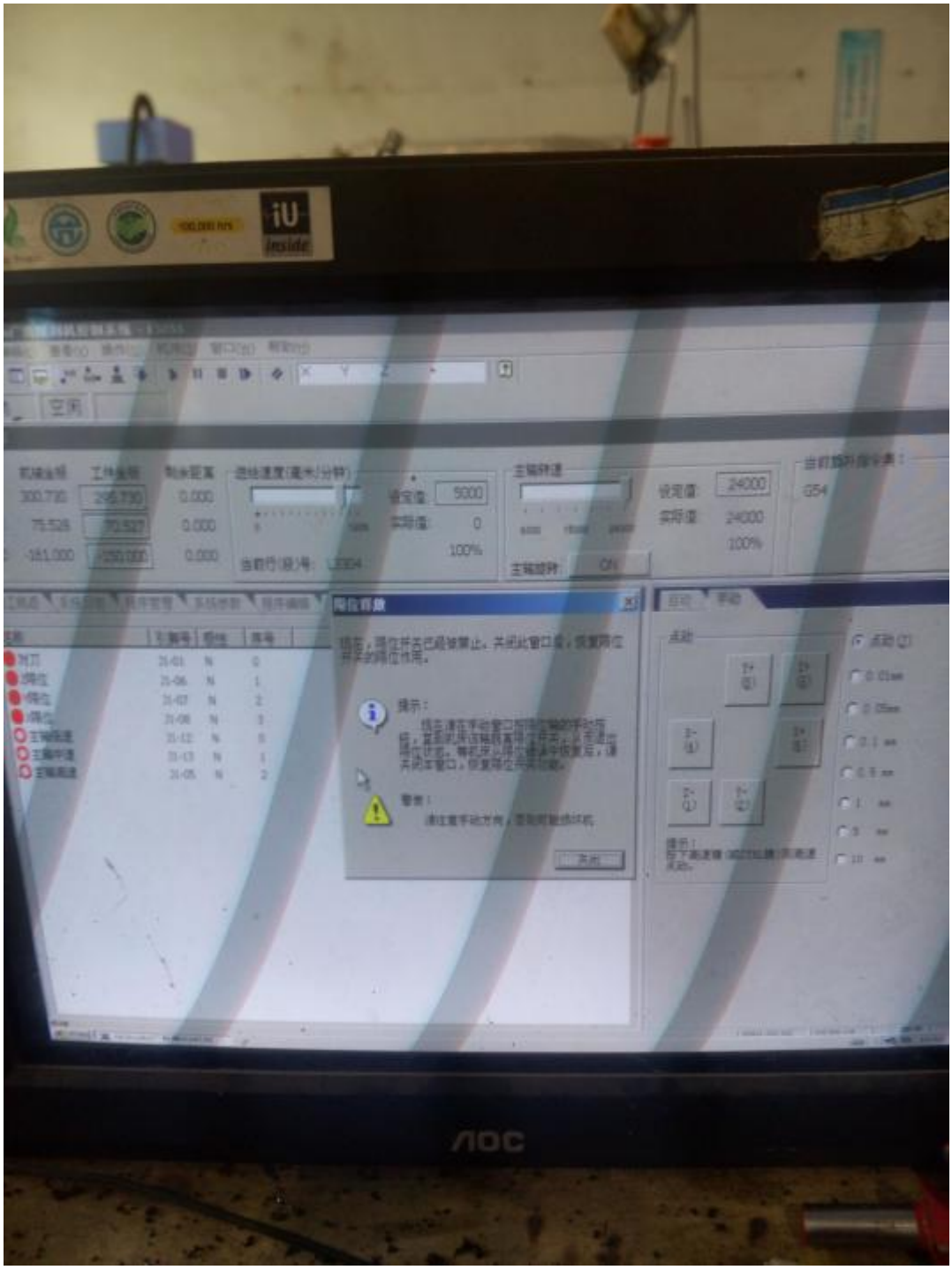
When warning, it will become green.



For example, X axis limited spacing warning, X limited spacing button will become green.

When it warning, please find the operation in software and choose the last choice, its limit release

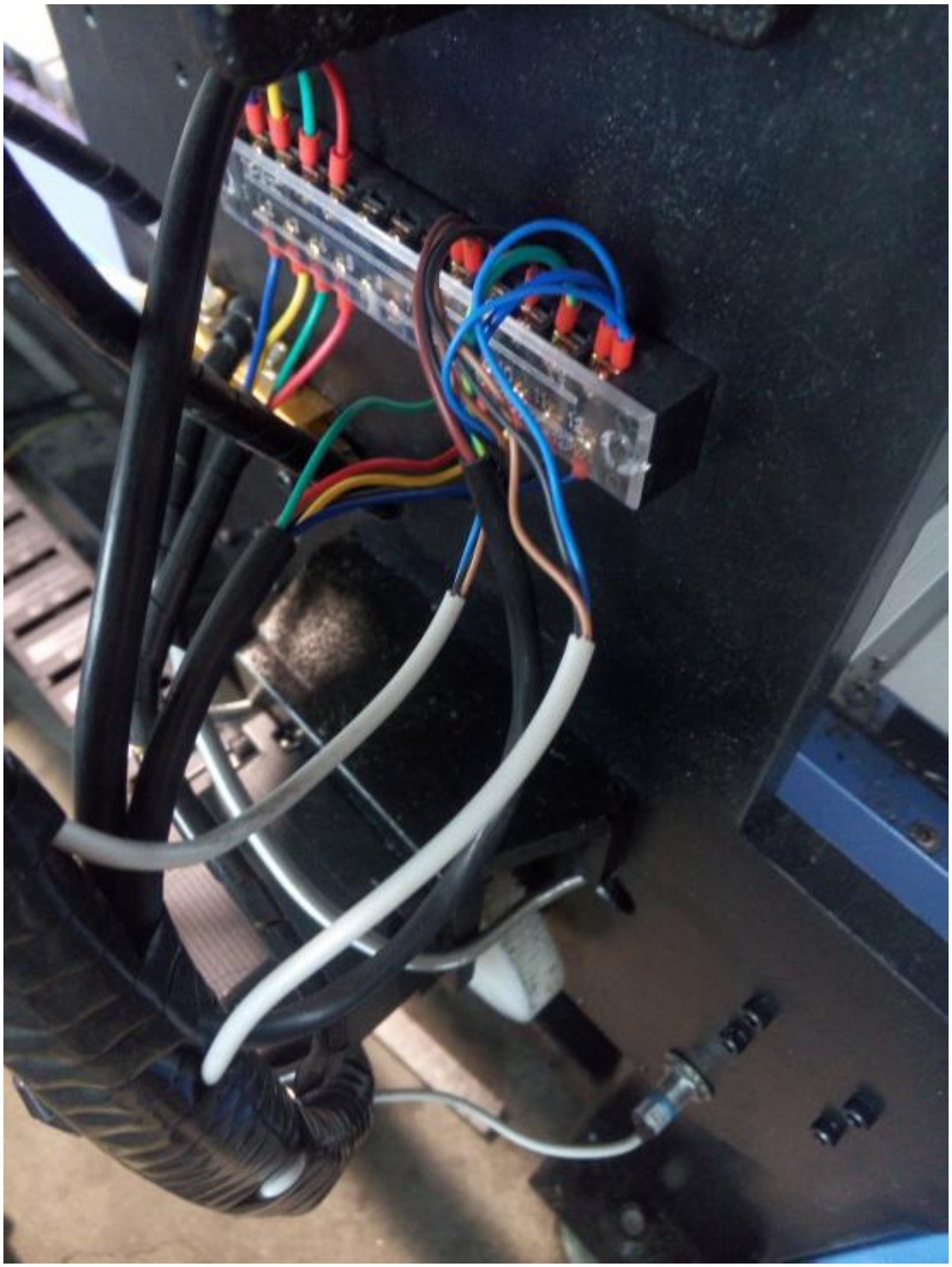




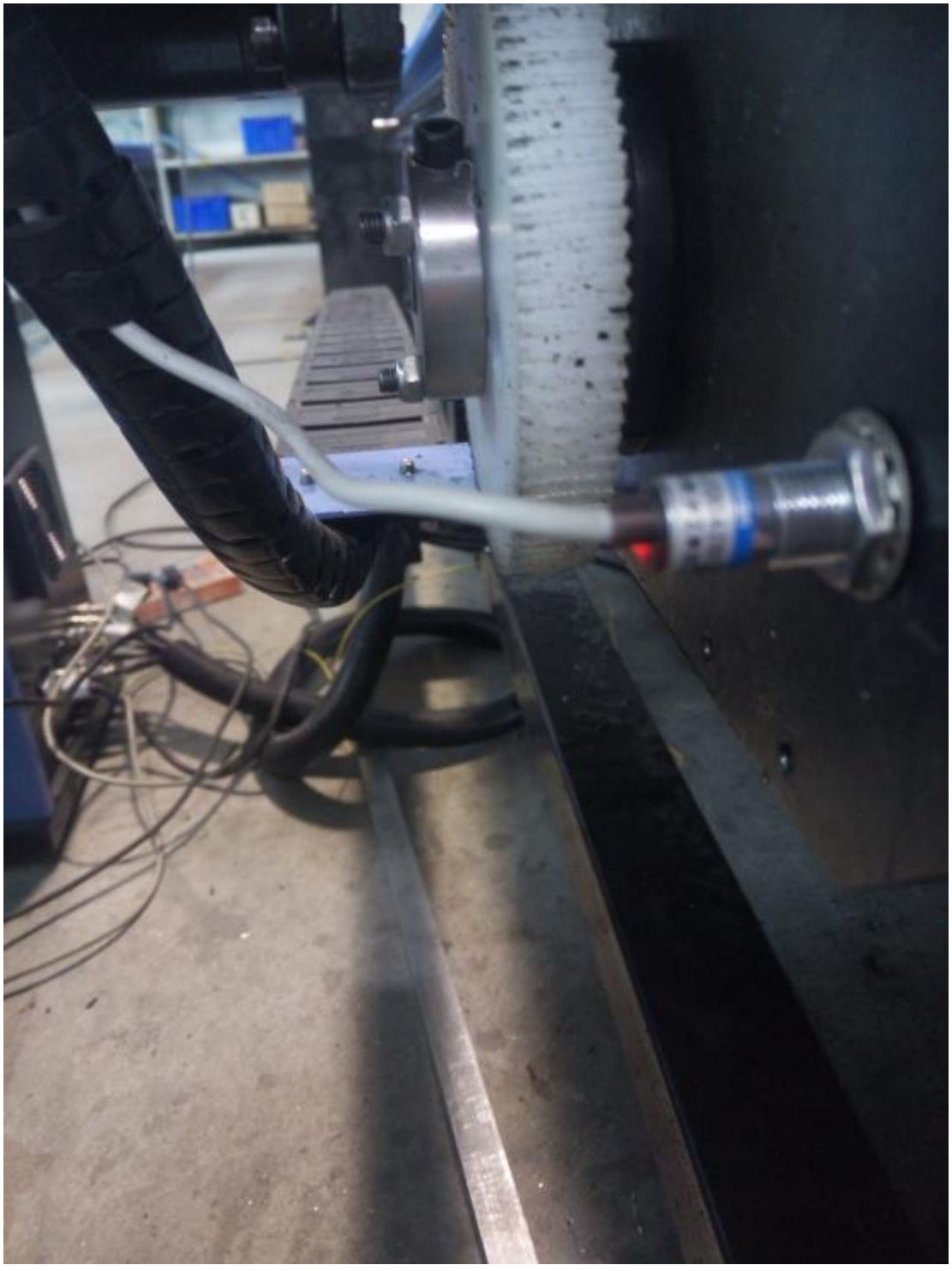
When the limited is released, move the machine left and right. It will be ok.

2. The warning light always flicker, you should consider two conditions:

1) checking all wires to see if there are any lose connection or any broken for wires.



2) If all wires connected well, please replace the warning light, its broken.



Above steps are related to limited spacing, when it happened, please do as the document.