

Block: Briquette_Press_B_40
 Author: #NVJOB Nicholas Veselov (www.nvjob.pro)
 Created: 06/25/2018 09:33:41 pm
 Last Modified: 09/17/2019 03:34:34 am

Symbol	Var Type	Data Type	Comment
	TEMP		
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	TEMP		

B V4.0

Custom program for WEIMATH Standard Series briquette press.

#VVJOB Nicholas Veselov (independent developer) - <http://hvjob.pro>, <http://hvjob.dxm>

INPUTS

I0.0 - Power.

I0.1 - Start the program in automatic mode.

I0.2 - Stop the program in automatic mode.

I0.3 - Manual mode.

I0.4 - Vertical piston, sensor, lower position.

I0.5 - Vertical piston, sensor, upper position.

I0.6 - Horizontal piston, sensor, position retracted.

I0.7 - Horizontal piston, sensor, position extended.

I1.0 - Not involved.

I1.1 - Valve button.

I1.2 - Accident stop.

I1.3 - Change in operating time of the screw. Min time*.

I1.4 - Change in the operating time of the screw. Max. time*.

I1.5 - Not involved.

OUTPUTS

Q0.0 - The engine of the hydraulic power station (star-delta).

Q0.1 - Hydroelectric power station engine (star-delta).

Q0.2 - Fan.

Q0.3 - Auger.

Q0.4 - Vertical piston, valve, up position (pushes down).

Q0.5 - Vertical piston, valve, lower position (pushes up).

Q0.6 - Horizontal piston, valve, retracts the piston.

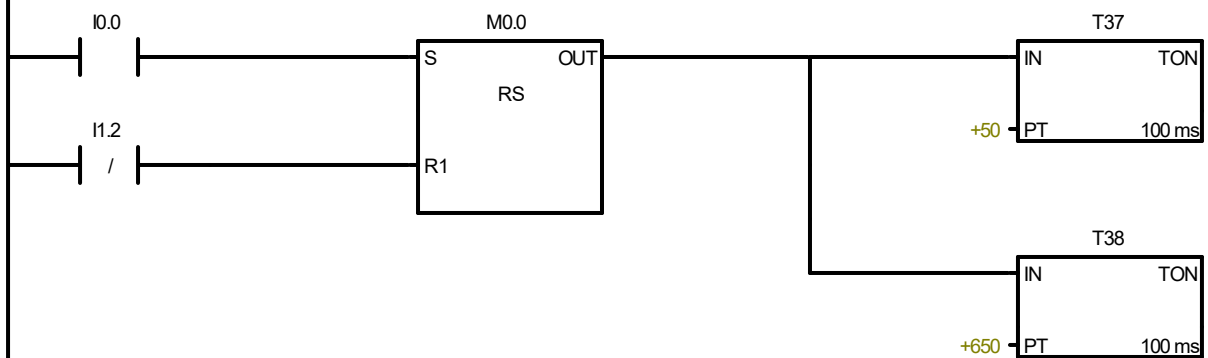
Q0.7 - Horizontal piston, valve, extends the piston.

Q1.0 - Collet Piston.

Q1.1 - Light Bulb Start

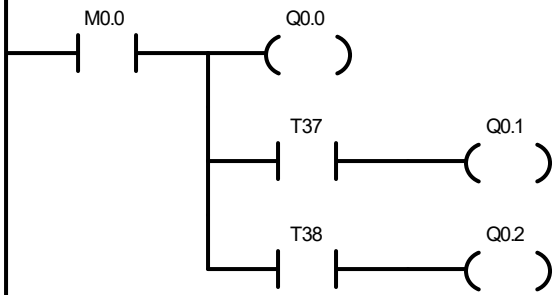
Network 1

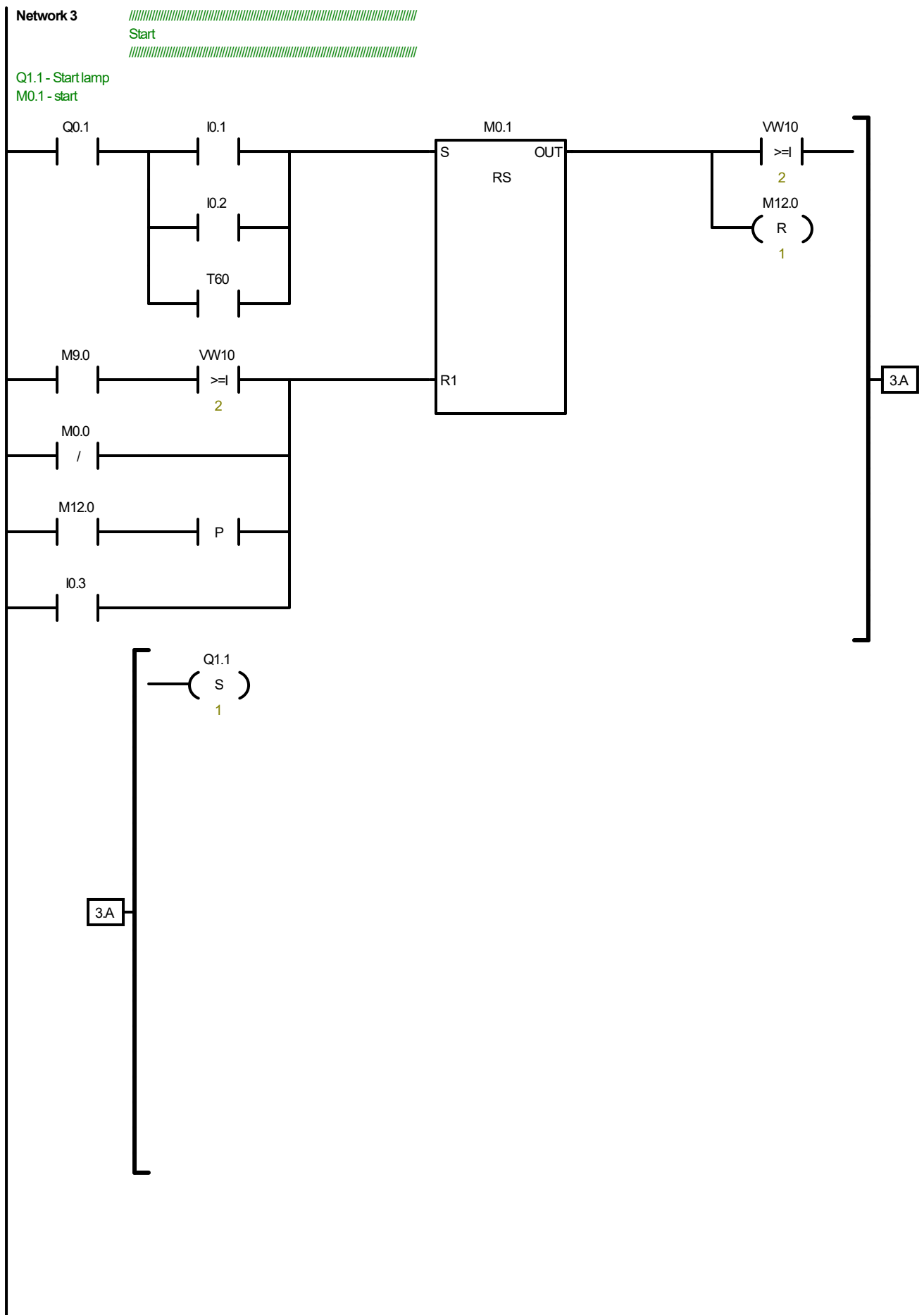
Power Starting up the hydraulic station.



Network 2

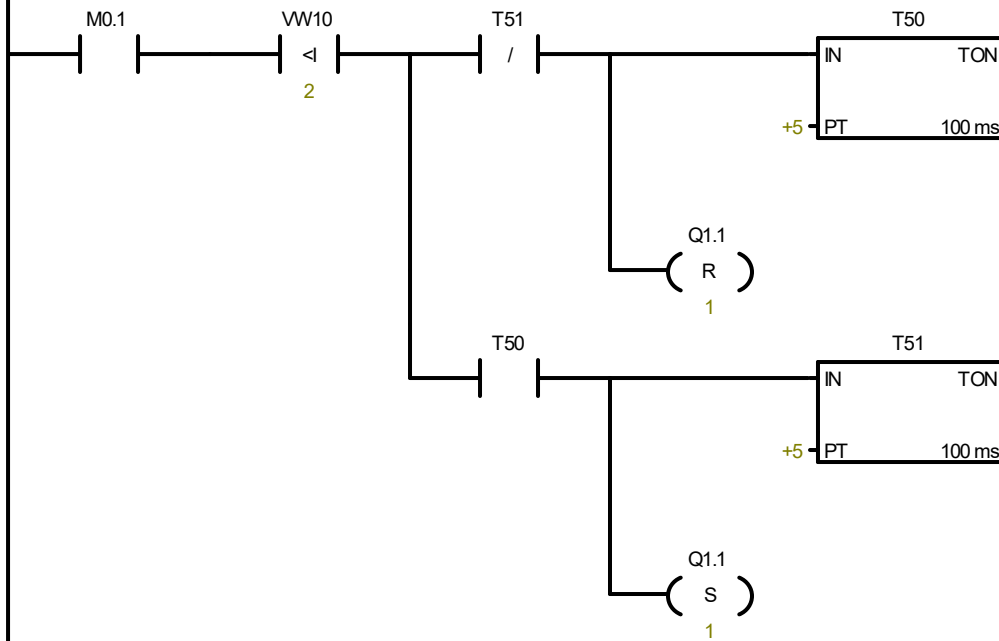
Q0.0 and Q0.1 - Hydroelectric power station engine (star-delta).
Q0.2 - Fan.





Network 4

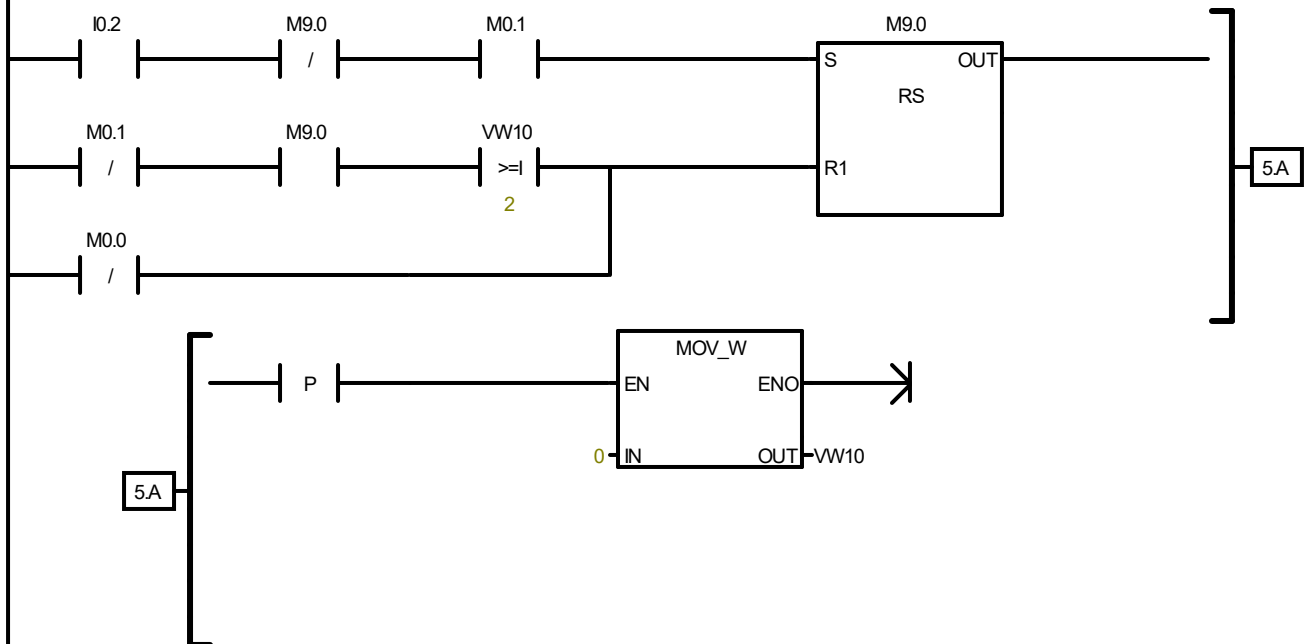
CleaningAlarm



Network 5

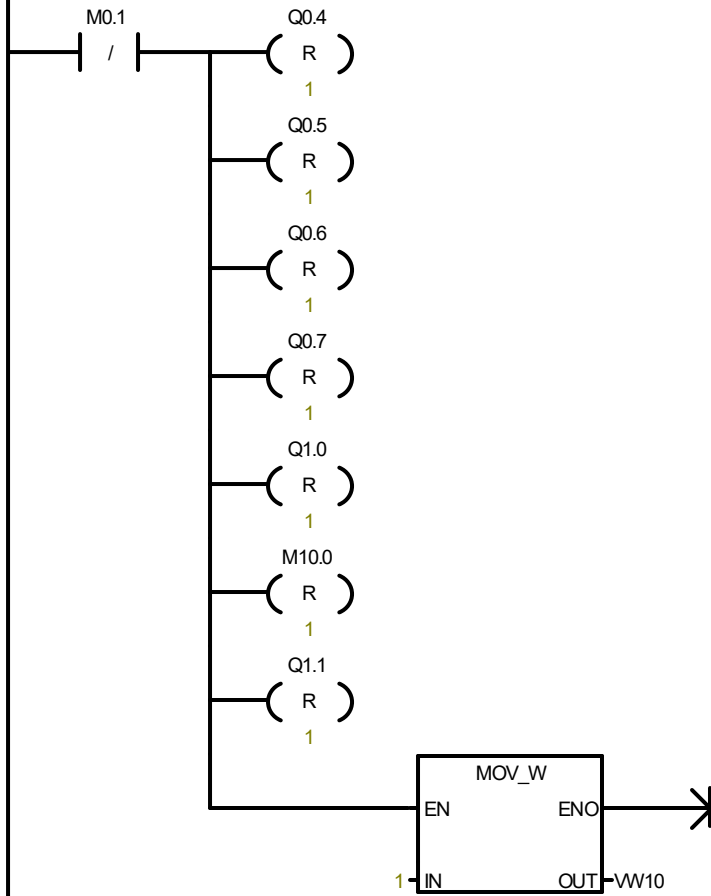
Stop

VW10 - number of cleaning cycles



Network 6

Reset



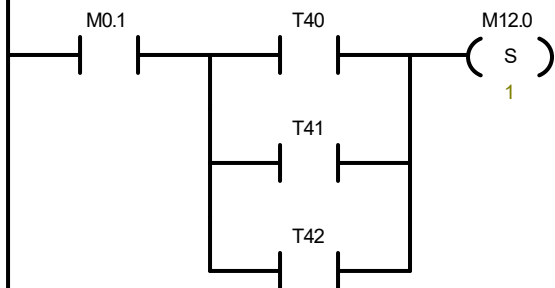
Network 7

Cleaning at work

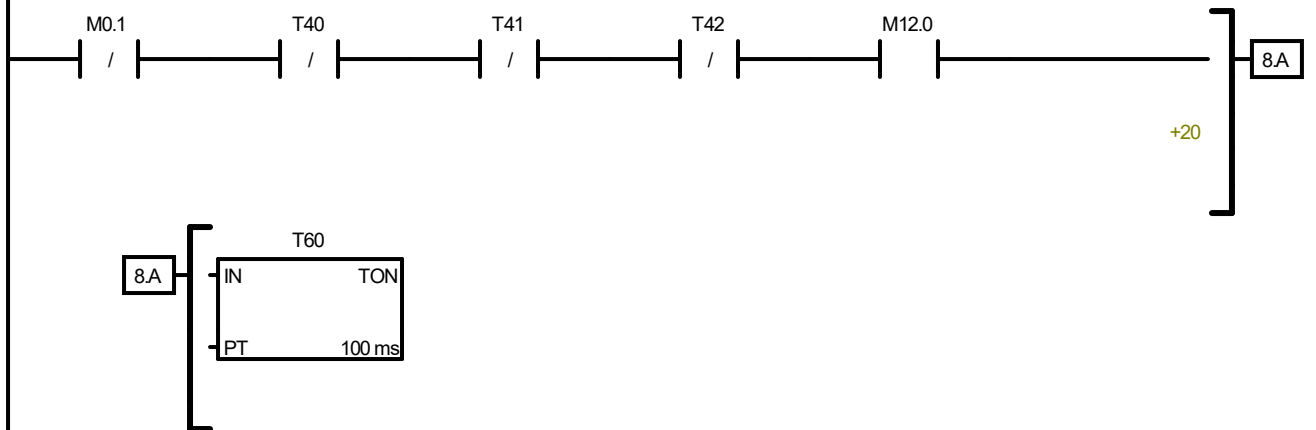
T40 - clog test, vertical piston

T41 - clogging check, horizontal piston

T42 - Check Valve Horizontal Piston



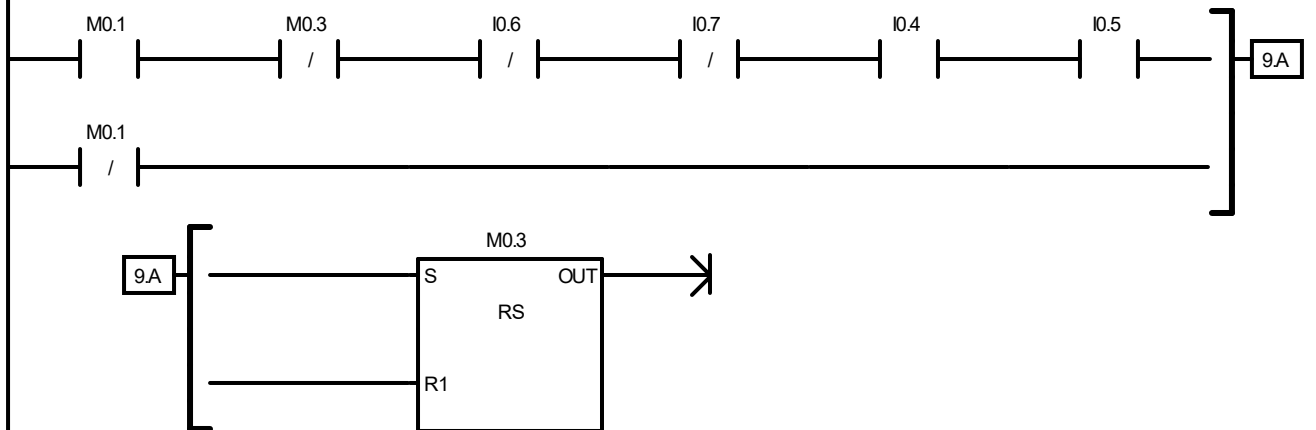
Network 8



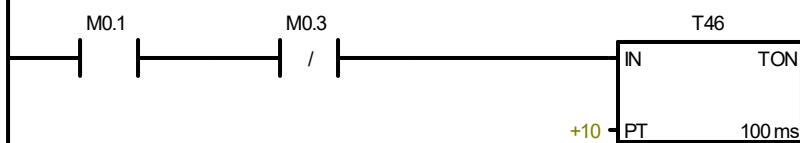
Network 9

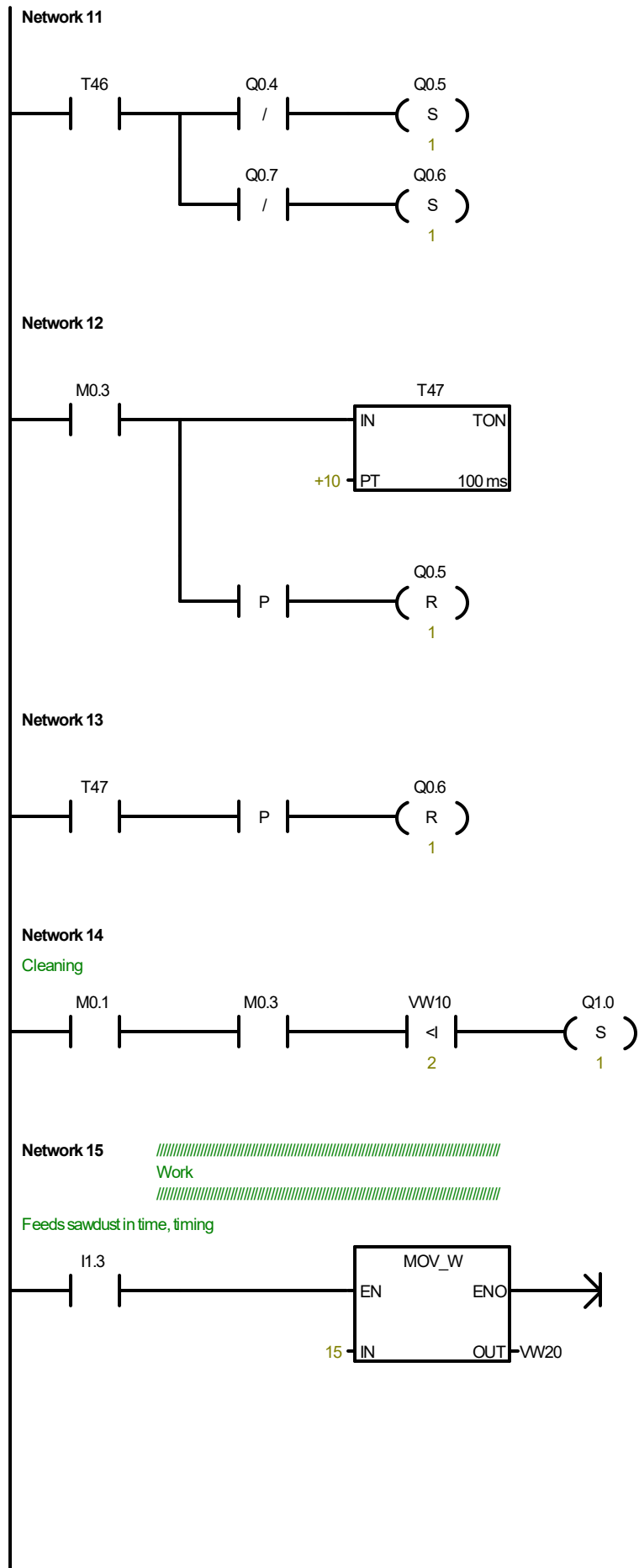
Preparation for work

M0.3 - prepared



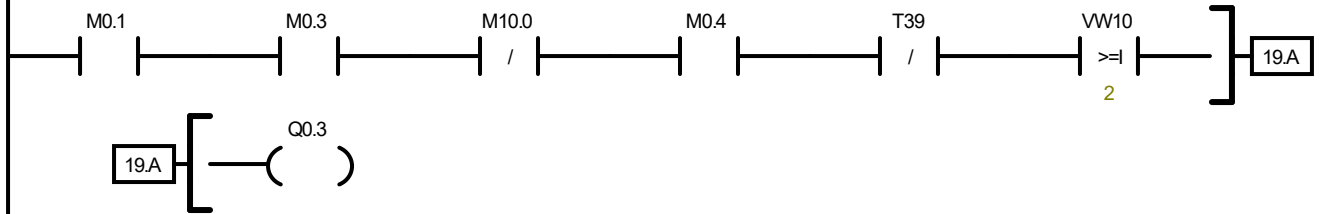
Network 10





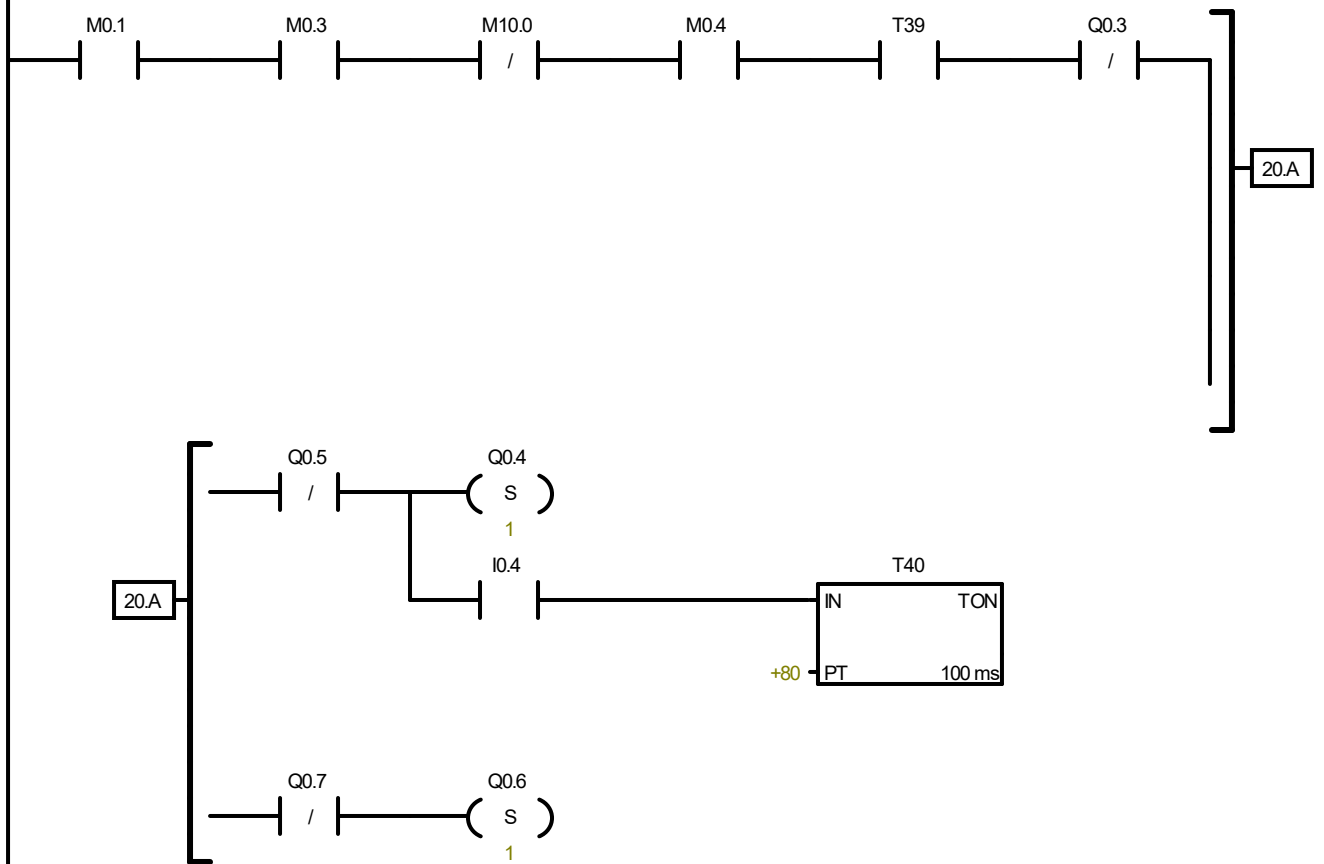
Network 19

Feeds sawdust on time (works, auger)

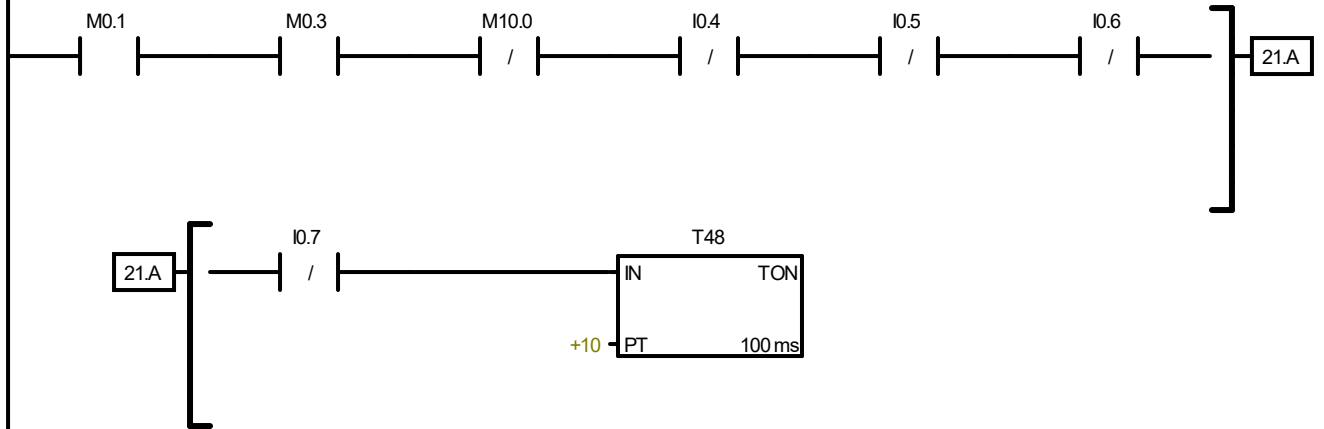


Network 20

Filed the sawdust (the auger is off), lowers the vertical piston
T40 - clog test, vertical piston

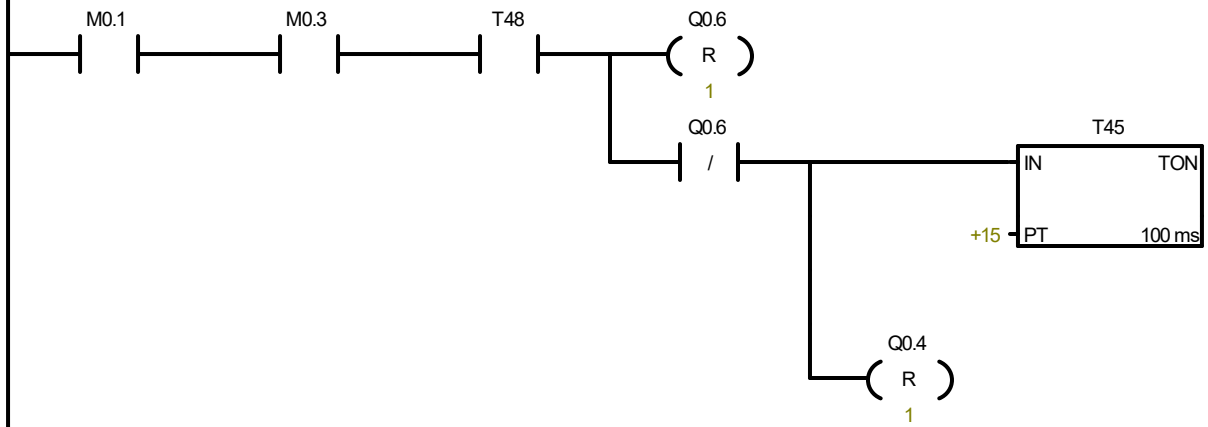


Network 21

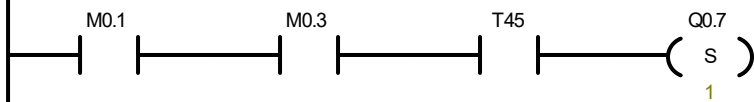


Network 22

Lowered the vertical piston, pushes the horizontal piston

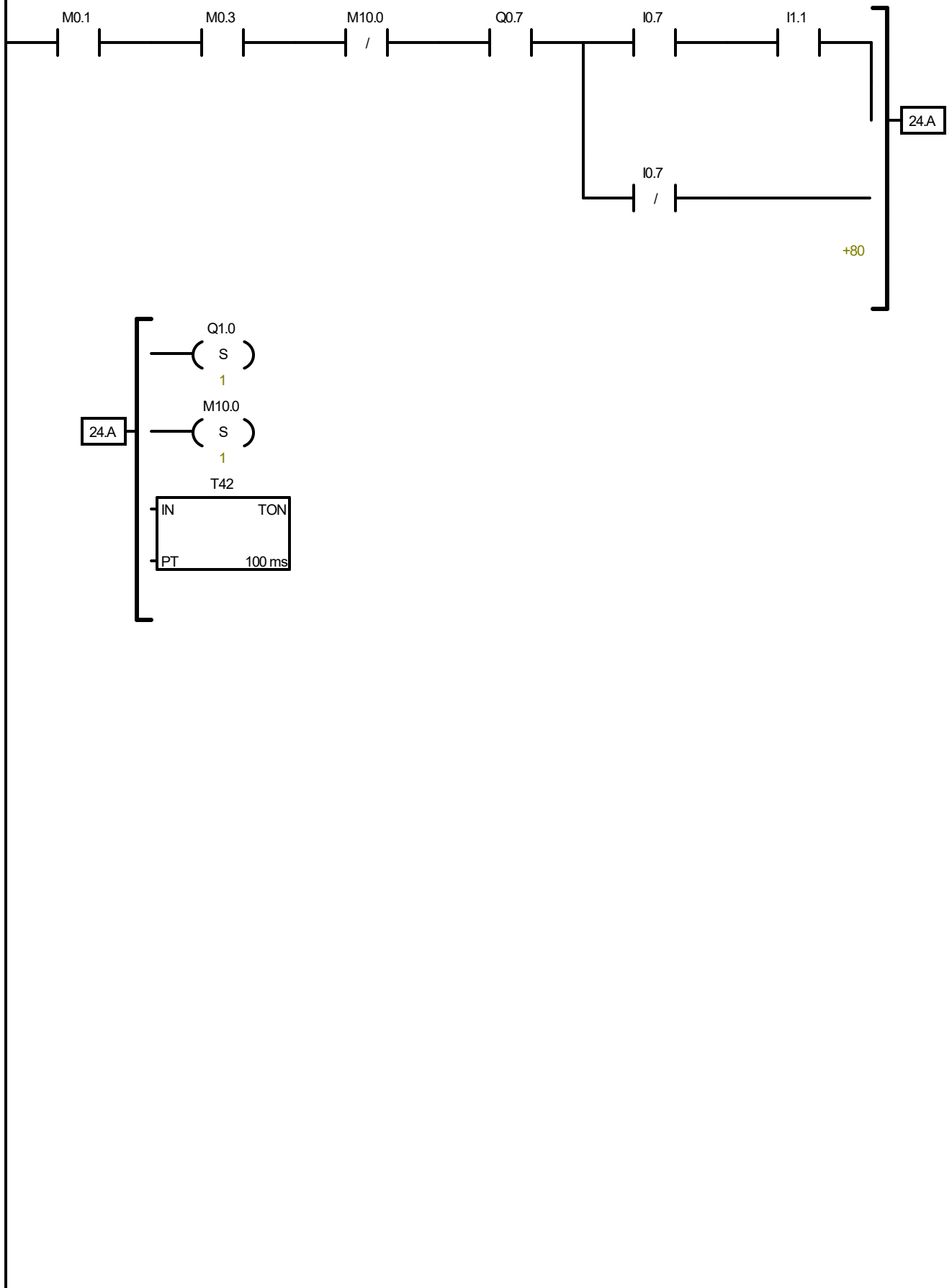


Network 23



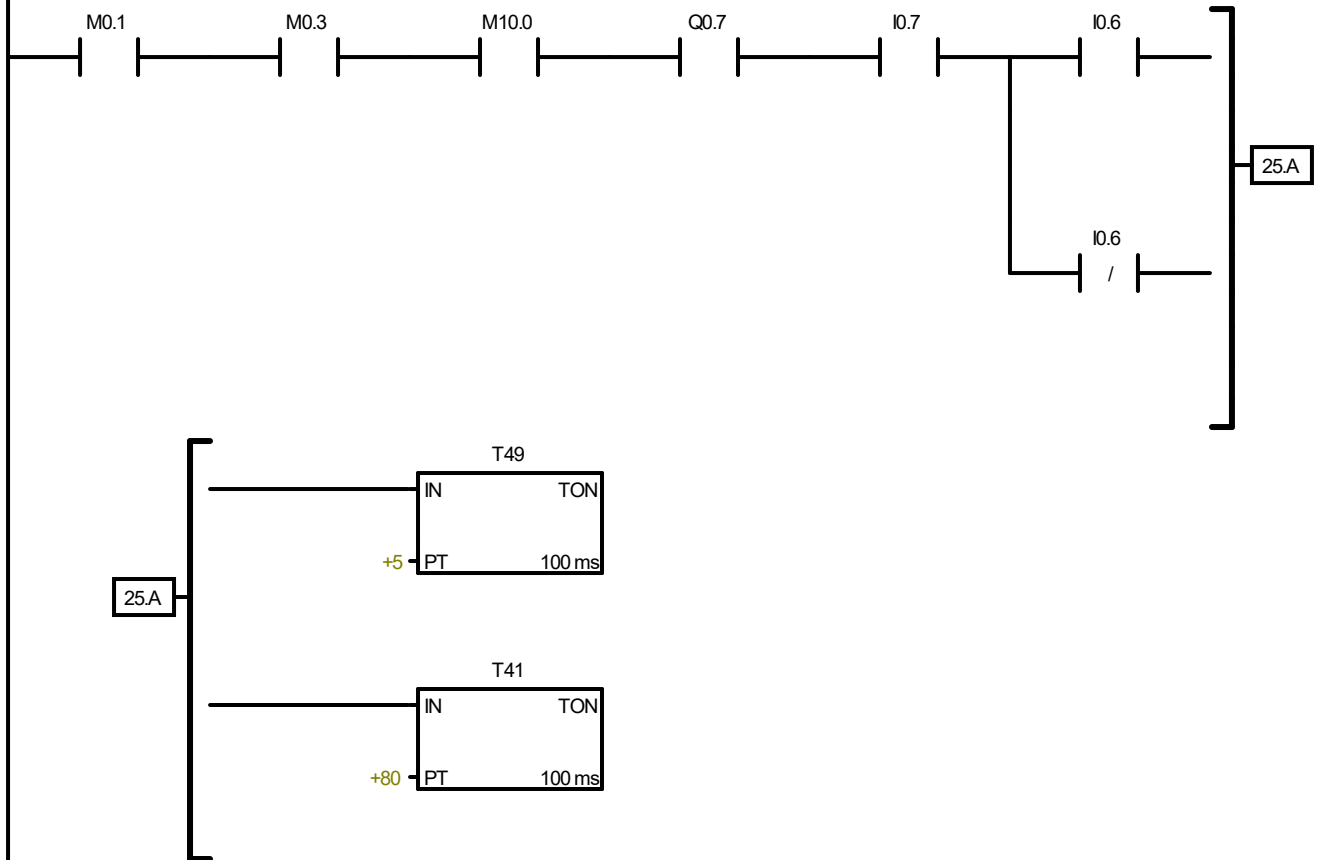
Network 24

The button has worked, the collet is opened

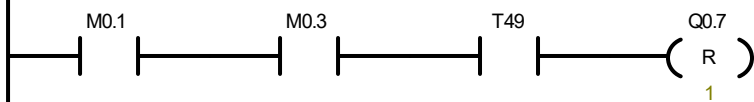


Network 25

I0.6 and I0.7 worked (horizontal piston extended all the way), horizontal piston creeps back
 T41 - dogging check, horizontal piston
 T42 - Check Valve Horizontal Piston

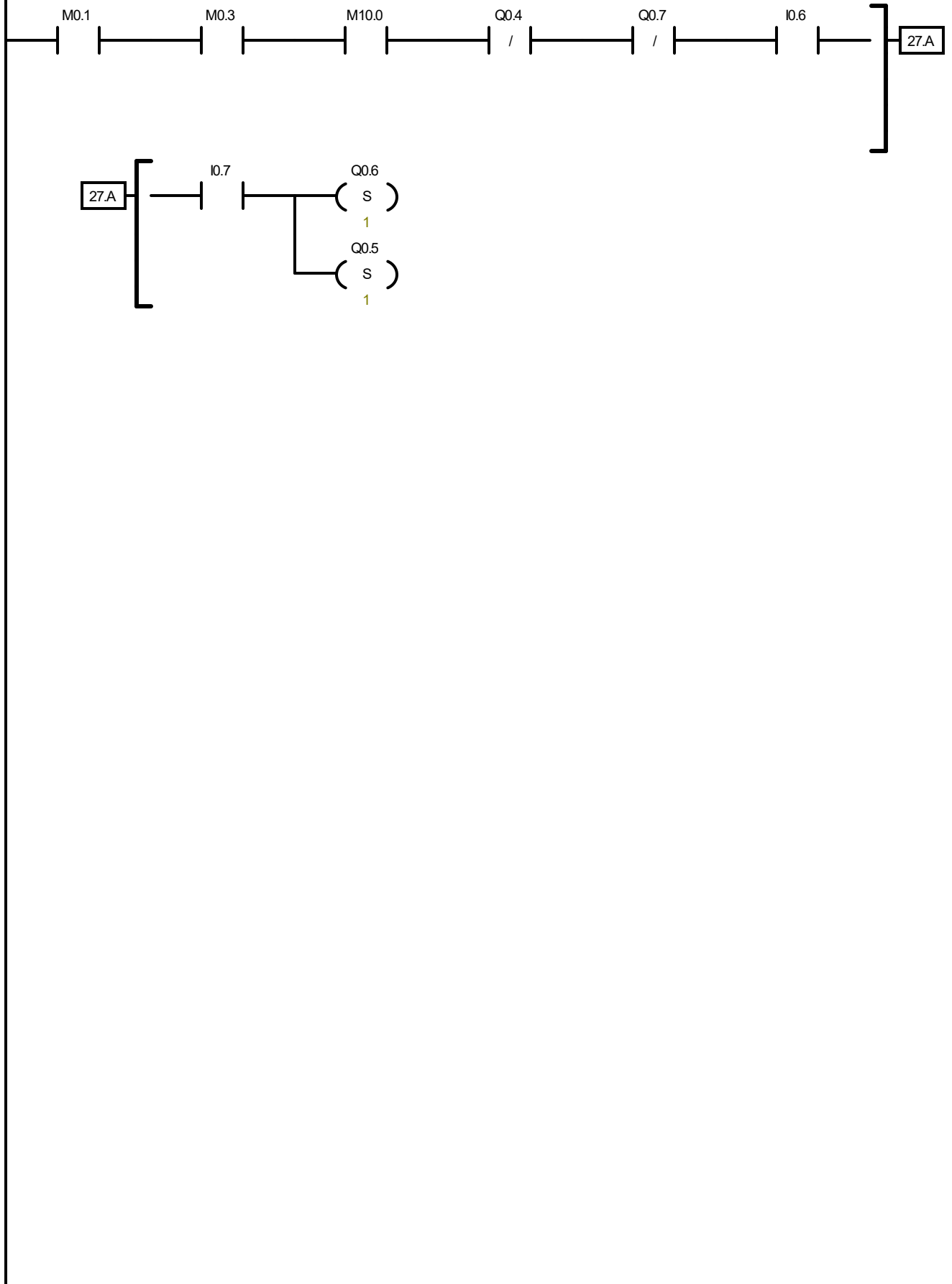


Network 26



Network 27

I0.6 and I0.7 worked (horizontal piston extended all the way), horizontal piston creeps back



Network 28

The horizontal piston retracts, the vertical piston rises, the collet undenches.

