

AUTOMATIC CUTTING MACHINE



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Summary

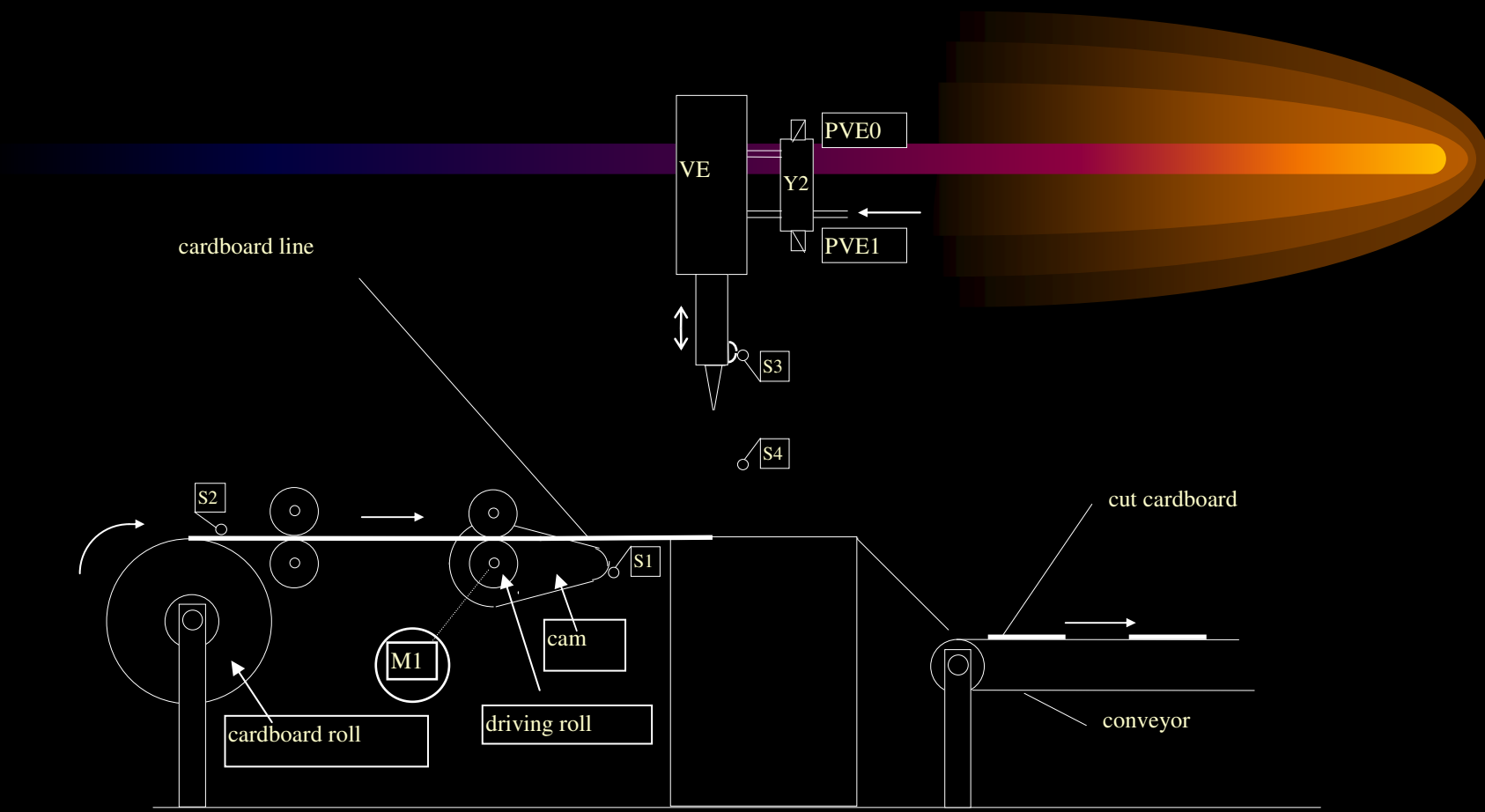
- 1°_Presentation of the project
- 2°_Description of the system
- 3°_Diagram of cabling
- 4°_Conclusion and thanks

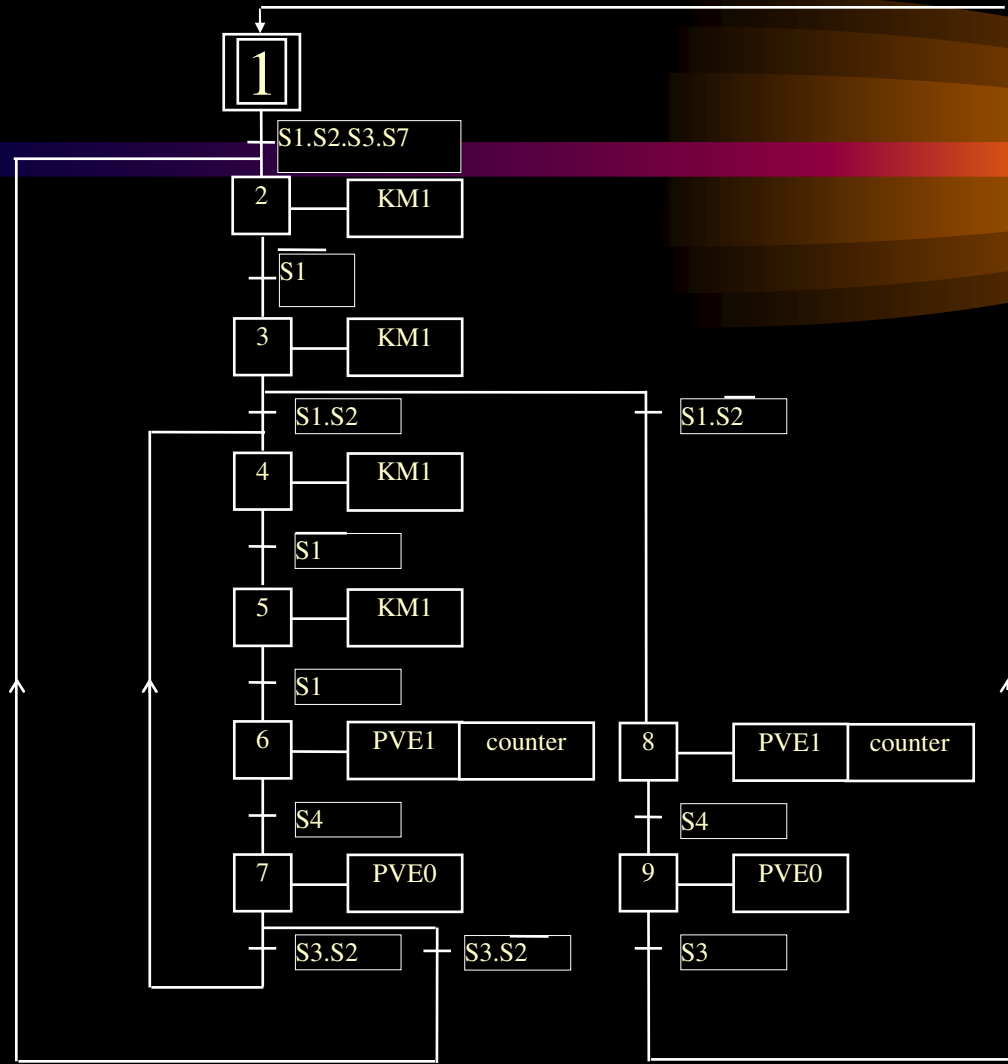


1°_Presentation of The project

- The project we present you today, is an Automatic Cutting Machine used in industrial production .
- It 's used to cut sheet metal into equal parts.
- With a counter we can know how many sheets of metal have been produced since you have started the production .







2°_Description of system :

- To start the cutting machine put on the switches : S1 , S2 , S3 and S7 . The switch S4 must be off because the cutter has to be in the high position .
- The motor starts and the metal moves forward . If it 's a long metal piece then S2 is switched on .
- After a few rotations the driving roll stops and the cutter goes down to cut the metal .



- If S2 is switched on because there is still a metal piece on the machine then the process goes on : the driving roll stops and the cutter goes down to cut the metal again .
- If S2 is switched off because there is no metal piece on the machine , then the machine makes one more cut and then it stops in the high position of the cutter . This position is the initial position .
- The cutted pieces of metal are removed by a moving pavement on right side of the cutter .



Conclusion and Thanks

- This project is a good experience for the real work in a company .
- It's excellent for project work in exchange program like our program .
We work together in English language



- We want to thank everybody who is here to see our project .
- Thanks to the German and French teams , specially to the Lycée Beaumont and to the Werner-von-Siemens-Schule and many thanks to teachers who organized this exchange .
- May be it 's the beginning of many exchange programs in the futur .

