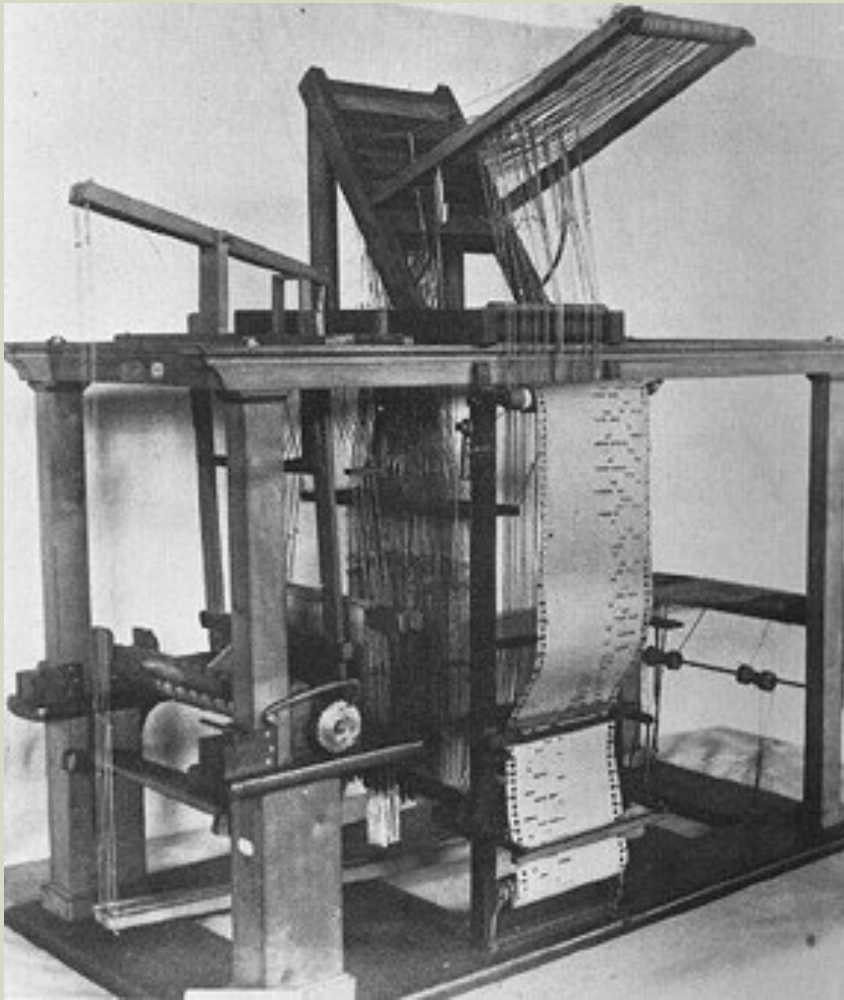


**BASIL BOUCHONE &
JOSEPH MARIE
JACQUARD**

The Bouchon Loom and Falcon Loom

**By Elizabeth
Hill**

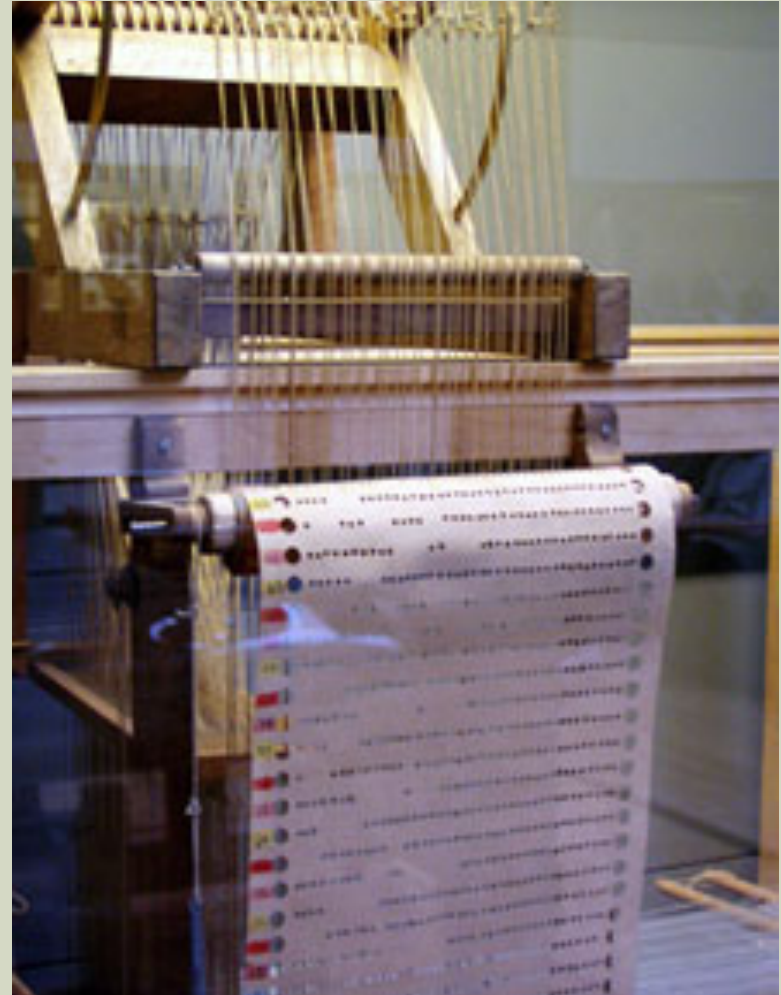
BASILE BOUCHON



- Born in Lyon, France
- Parents were weavers and organ makers
- Was annoyed with setting up each design
- Textile worker, which is where the inspiration came from for his loom
- Very rudimentary but it represented the 'on' and 'off' of binary and was a semi automated machine

BOUCHON LOOM (1725)

- Similar to a weaving loom
- Was able to compute different directions
- Essentially used binary to create patterns
- Not a large amount of needles--didn't allow for large designs
- Manual feed, perforated paper
- Only 40 sold



JOSEPH MARIE JACQUARD



- 1752-1834 Lyons, France
- His wife died
- Then father, but he inherited so much that he was able to have time to work on looms
- Made the Jacquard Loom
- Added an extra part to the Looms that already existed, went back to punch cards
- 11,000 looms worldwide

THE FALCON LOOM

- Made by Jean-Baptiste Falcon in 1728
- Took Bouchon's idea and added modifications to improve
- Papers were easier to replace
- Added more hooks
- Arranged the holes to take up less room



REFERENCES

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- <http://history-computer.com/Dreamers/Jacquard.html>
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