

Flying Picker

Prima Power / Finn-Power Oy

Background information:

- In the current process, the cut sheet-metal blanks are aligned by conveying them toward a mechanical stop, after which they are picked up from the conveyor. The process needs to be made more efficient.

Assignment:

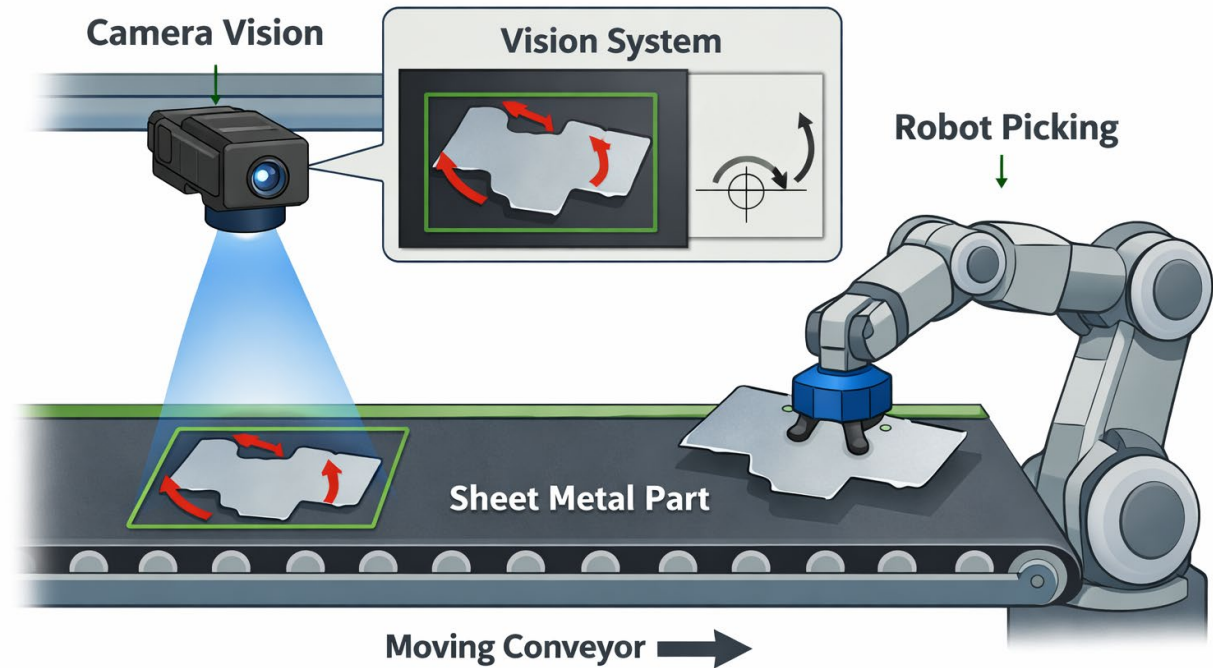
- The objective is to design and construct a prototype in which a vision system detects the position and orientation of a sheet-metal blank, enabling a robot to pick the blank from a moving conveyor.

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Principle illustration of the process