

# Sintenring

## Economic aspects

Debinding is a step that depends strongly on the feedstock used.

The specific debinding strategy (continuous, batch or pick & place) and the degradation, batch or pick & place costs.

Equipment costs depend on the actual number of parts processed and the cycle time (from pick & place to continuous debinding).

Cycle times for continuous debinding, depend on the cost of the feedstock.

In general, thick components will debind slower than thin components. Actual debinding times vary with the feedstock and the debinding strategy so no figures can be given here.  
**Debinding can vary from a few hours to several days.**

Each strategy will imply some fluids consumption (solvents, chemical agents, gases) and some energy, roughly proportional to cycle time and to the number of parts processed.

Personnel cost will be due to pick & place activities, quality checks (defects, weight loss), and equipment operation.

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