

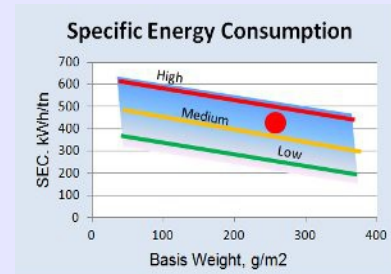
Vacuum system desktop study

The target of the desktop study (pre-engineering) is to find out the feasibility (pay-out time) of energy saving improvements at PM vacuum system.

1. Benchmarking of energy consumption

Comparison of energy consumption to machines doing similar grades.

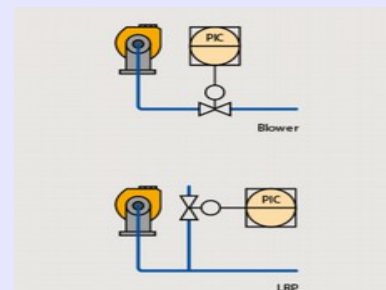
It is recommended to do preliminary benchmarking already before this desktop study.



2. Efficiency losses at the system

Energy losses because of bleed or throttle are estimated.

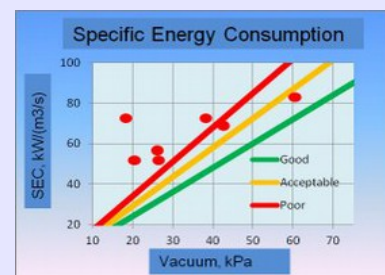
Alternatives for eliminating the losses are documented.



3. Equipment efficiency

Efficiency of vacuum system equipment is checked and commented.

Recommendations to improve efficiency are included in the report



4. Summary

All recommendations including estimated energy saving and pay-out of possible improvements are included in the report.

Internet meeting when the report is ready is included in the services, plus one revision of the report (if needed)



Note !

Mill visit can be added to this package before, or after the study (if needed).