



## Summary



<b>Industry:</b>	Automotive
<b>Application:</b>	Vacuum Pumps
<b>Actual Saving:</b>	£11,182
<b>Payback Period:</b>	15 months



## Automotive Machining Savings

A change in vacuum pump corrects problem and leads to savings

## ISSUE

A leading automotive component manufacturer was experiencing problems with their old Becker electrically driven vacuum pumps on the five milling cells on their site.

## SOLUTION

So ERIKS asked if they could bring one of our partner suppliers on board to look at the possibility of replacing the old pumps with the latest Piab Pi Classic air driven vacuum pumps. Initially a five cartridge FOC trial unit was provided which proved successful. However Piab believed that a three cartridge unit should be trialled to see if the required flow and vacuum could be produced thus reducing the investment costs. The trial of the three cartridge unit also proved successful. Initial investment costs were £9,462 for ten pumps. However this produced annual savings of £3,352 as the running costs of the Piab units totalled £3,380 vs the current £7,233 becker running costs.

## OTHER BENEFITS

- Reduced Costs
- Increased efficiencies
- Modular design allowing flexibility for future increased flow demands

## FURTHER COMMENTS...

This gave a payback of just 15 months with a signed off net cost saving of £11,182 over five years.

Maintenance Projects Co-ordinator

## MORE INFORMATION

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