

SAVE ENERGY AND COSTS!

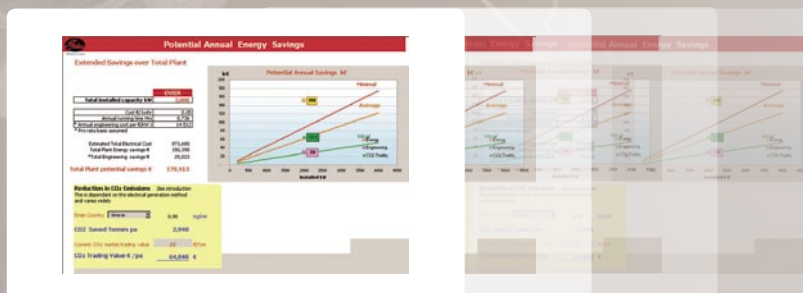
Ask Gates for a site survey of your plant

Do you have unnecessary costs due to premature belt failure? Are your maintenance costs excessive? Are you using the wrong belt to drive your system? Contact Gates and together we will find the best solution.

This is how it works:

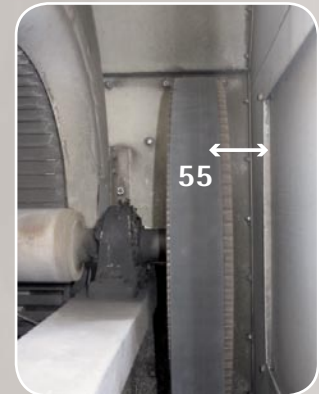
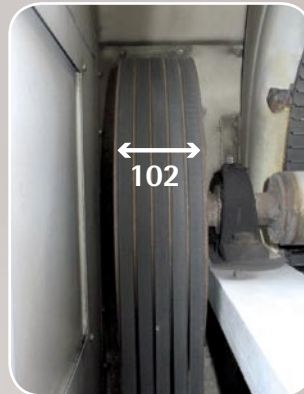
- We evaluate current belt drive efficiencies using Gates DesignFlex® and Cost Saving Calculation Tool
- We calculate energy savings gained by replacing problem drives with energy-efficient ones
- We identify problem drive applications and develop a programme to increase their reliability
- We recommend longer-lasting products that will enhance productivity and improve equipment reliability
- We determine ways to reduce maintenance costs (re-tensioning, lubrication, ...)
- We develop a preventative maintenance programme to maximise the life of all belt drives in your facility

In short, we do our utmost to optimise all belt drives in your facility!



Example of a Gates survey

Cooling system for welding robots in car assembly plants



PowerGrip® GT3 vs traditional V-belts

Objective

- increase the reliability of this essential process step
- increase the durability of the drive
- solve maintenance problems
- reduce loads

Comparison of the two drives

| | Initial drive 5 x SPB 3350 | New drive 1 x PowerGrip® GT3 – 3360 14MGT 55 |
|--------------------|---------------------------------|---|
| P maxi | 52.39 kW | 73.4 kW |
| | DR = 170 mm DR = 560 mm | PR = 34T (151.52 mm) PN = 112T (499.11 mm) |
| Load | 5,544 N | 5,179 N |
| Total width | 102 mm | 55 mm |
| Yearly consumption | 120 pcs @ 29.50 EUR = 3,540 EUR | 8 pcs @ 155.08 EUR = 1,240.64 EUR |

Yearly cost savings: 2,299.36 EUR (manpower costs not included)

You can request your site survey by sending a fax to David McCubbin on +44 1387 242 044 or by emailing DavidM@gates.com. Alternatively you can e-mail Adam Terry on AdamTe@gates.com.