

Applications

Automation keeps tyres running

■ PROBLEM

Ghyselinck of Belgium upgraded their wheel assembly machinery, which they supply to customers such as Volvo, Citroen, Peugeot, Goodyear and Michelin.

They wanted to increase cost-efficiency without introducing complex automation systems.

■ SOLUTION

The Hoerbiger-Origa system provides a compact and reliable indexing operation which moves each wheel between work stations where tyres are fitted and tested. The pneumatic solution replaces an electro-mechanical chain drive which was both complicated and costly to maintain.

■ KEY BENEFITS

Machine design and build costs have been cut by pneumatic automation.

Installation costs have been cut by 50% and this new machinery is easy to maintain, which in turn reduces labour costs



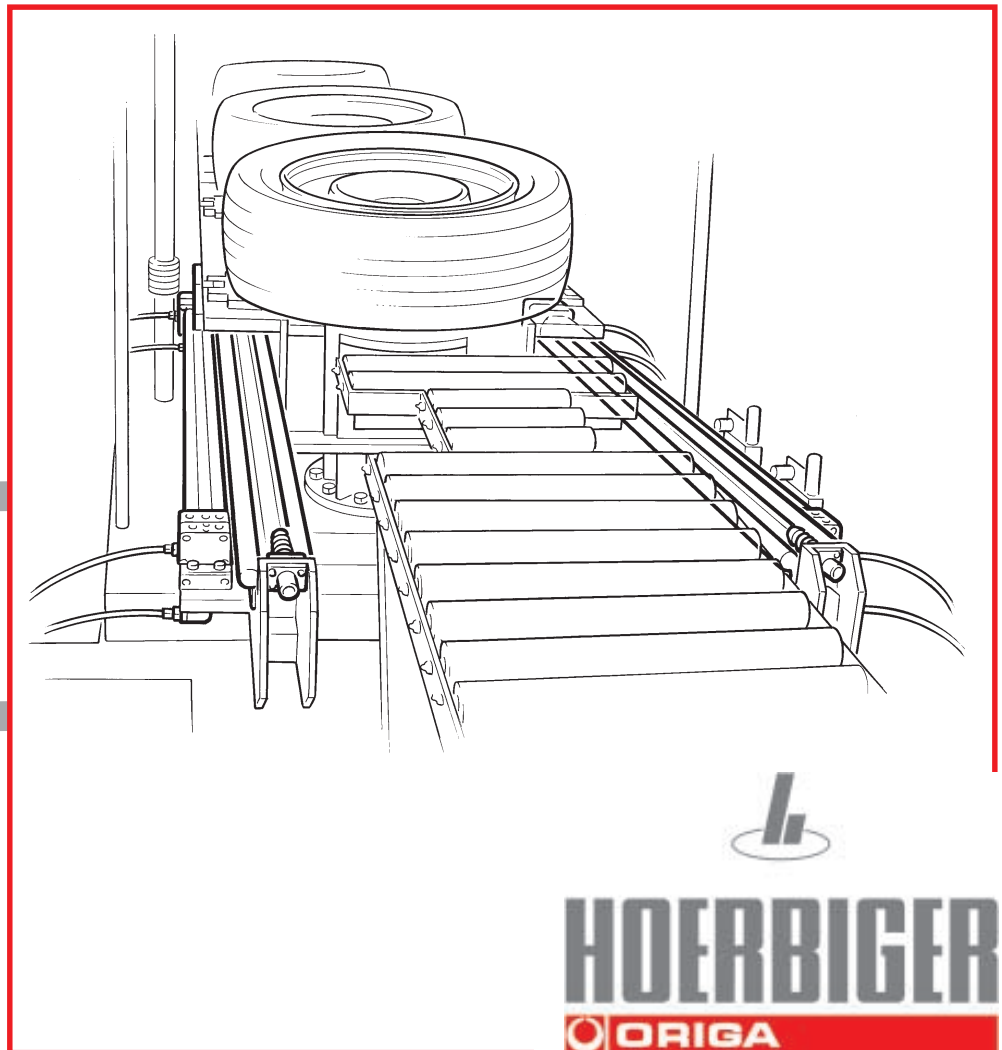
HOERBIGER
ORIGA

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■ TECHNICAL SUMMARY

Both 40mm ø Rodless Cylinders are supported by two GDLS25 Guideline linear guides

Two SA3/8x1D industrial shock absorbers provide safety and control, and the system is controlled by Hoerbiger valves and FRL units.



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