

Tyre ***Retreading*** ***Benefits***



VIPAL[®]
RUBBER



Index

Introduction	03
Did you know Brazil is the second country in the world with the most retreaded tyres?	04
Why retread tyres instead of buying new ones?	05
Did you know?	06
Retreading tyres generate savings	07
Tyre retreading is an environmentally sustainable	08
Knowing the retreading process	10

Introduction

When we retread a tyre instead of disposing of it prematurely, we return it to service as if it was new, with the same performance and safety. In fact, manufacturers of new tyres design them specifically to uphold extra tyre life, based on the prediction they will undergo retreading in the future.

Retreading however, is much more than just transforming used tyres into reusable ones.

*By extending the life of the tyre we avoid the premature disposal of the casing, promoting **sustainable practice** and saving natural resources and energy.*

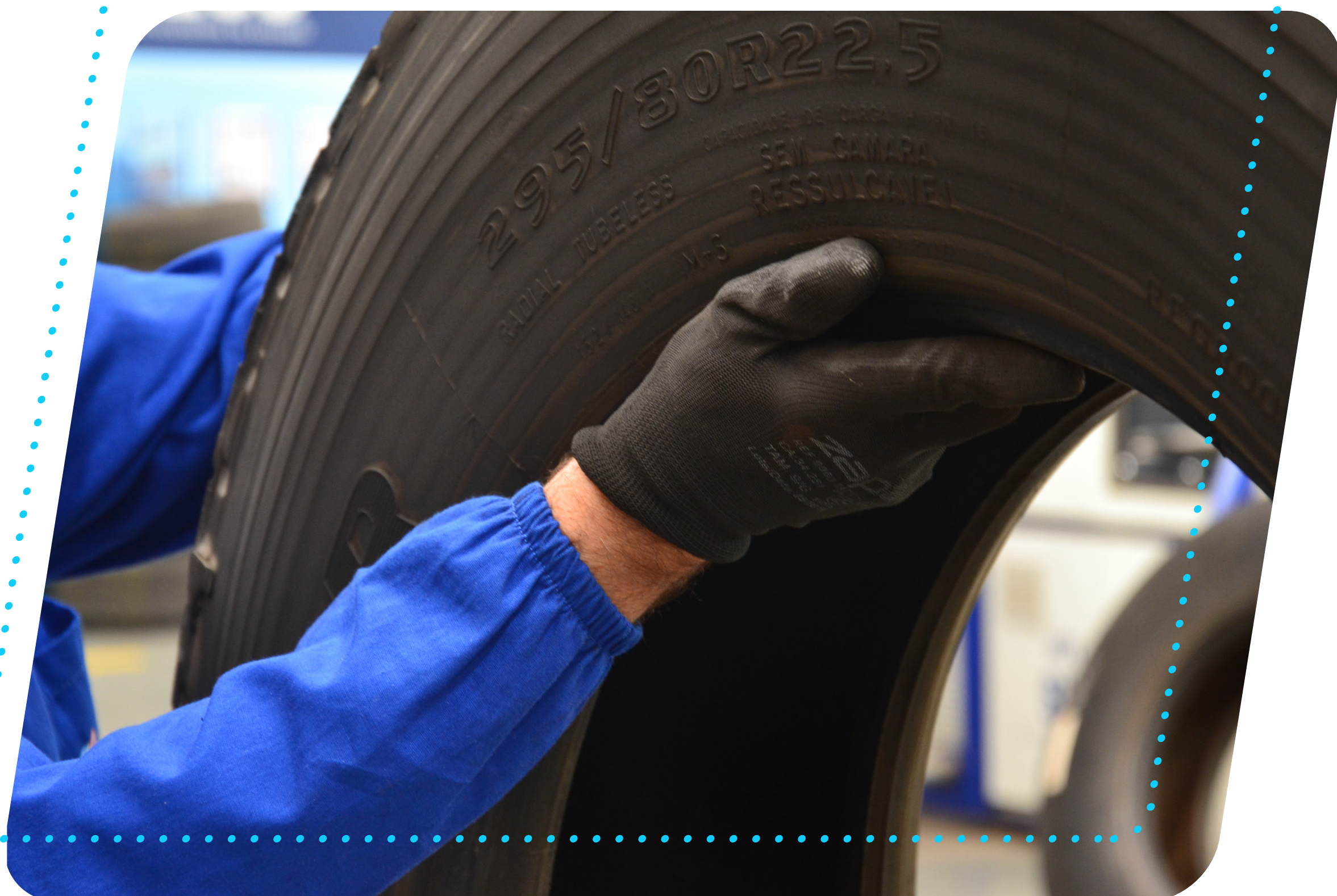
This material has been specifically prepared to highlight the benefits of tyre retreading, share information about the practice and how it is gaining traction on the roads of the world.

Did you know Brazil is the second country in the world with the most retreaded tyres?

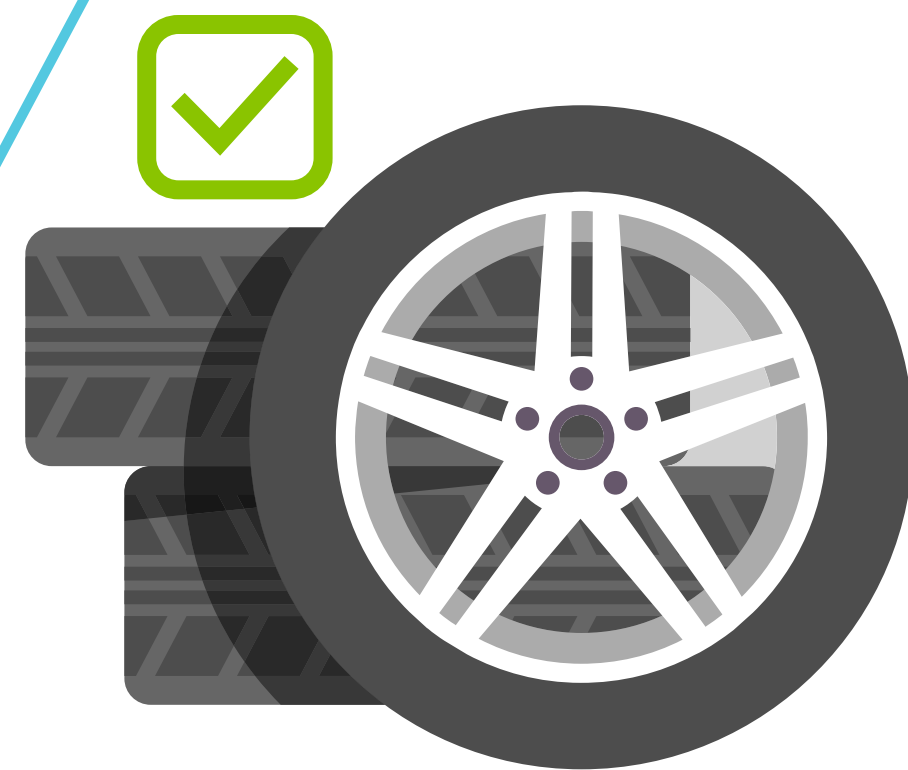


According to the Brazilian Retreading Association (ABR), Brazil is the second largest market behind only the USA. The retreading industry:

- Generates **1 billion USD** per year;
- Involves **1.300** retreading companies;
- Has 18 suppliers of retreading materials;
- Creates more than **40.000 jobs**.



Why retread tyres instead of buying new ones?

**1**

Retreading extends tyre life which benefits the environment.

2

A retreaded tyre costs about 30% less than the cost of a new tyre.

3

A retreaded tyre is as safe as a new one.

4

The performance is equal or higher than a new tyre.

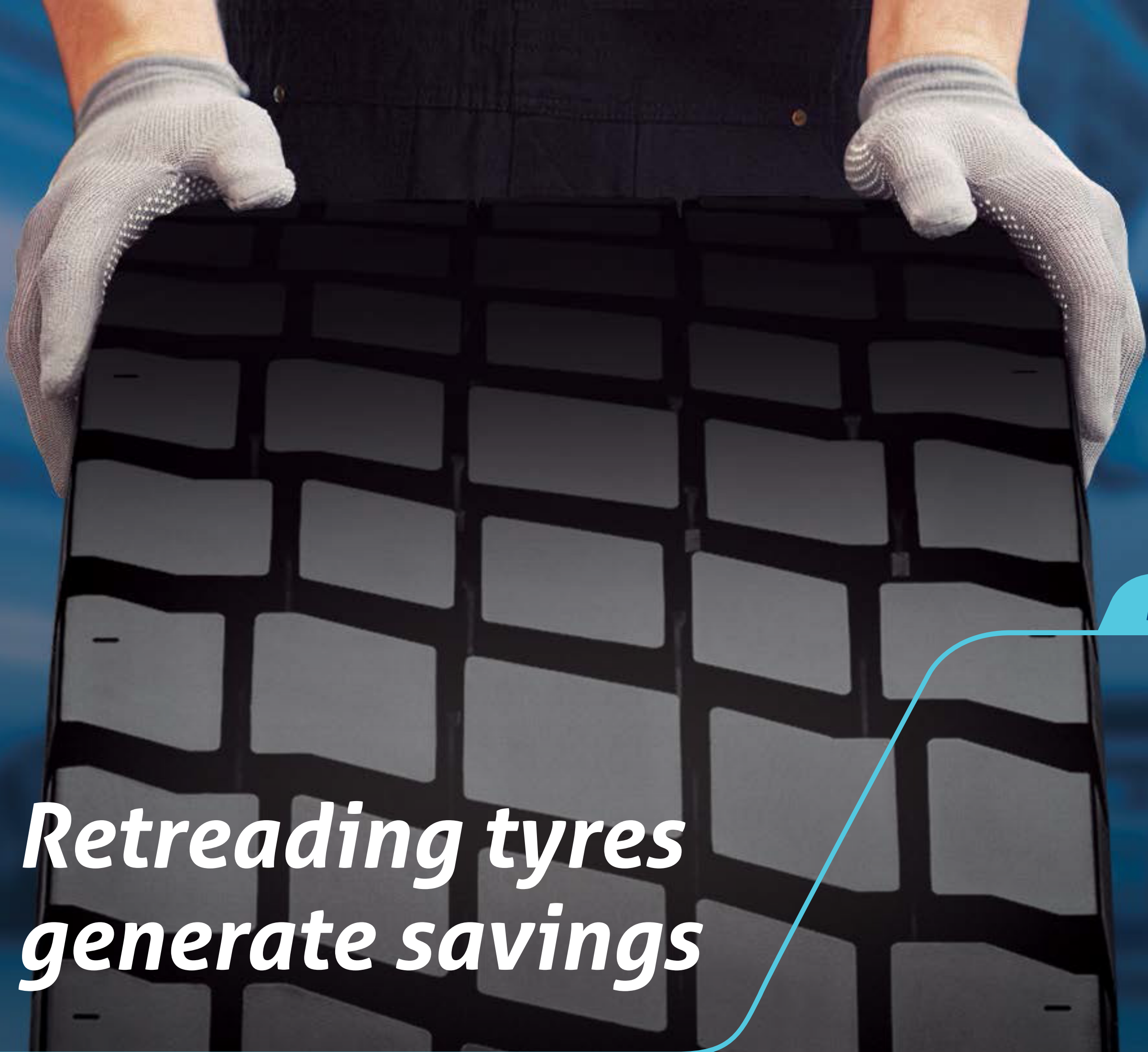
Did you know?



Most aircraft companies around the world use retreaded tyres. This includes both the largest commercial and military aircrafts.

*The average life of the retreaded tyres is approximately **250 flights** or 25 days.*





Index

Retreading tyres generate savings

The materials used on retreading tyres are scientifically developed to withstand the work and the conditions that the tyre was designed for, which makes it 100% safe.

Tyre retreading is an environmentally sustainable



Tyre retreading changes the cycle of use:

Without retreading tyres: extract, process, use and disposal.

With retreading tyres: extract, process, use, retread, use, retread, use and disposal.

The retreading cycle can be done sometimes more than 5 times prior to disposal.

Benefits of retreading tyres:

1

Reduce the usage of oil and CO2 emissions.

2

Less usage of non renewable natural resources. 57 litres of oil are saved for a commercial tyre and 17 litres for a passenger tyre when compared to new tyre production.

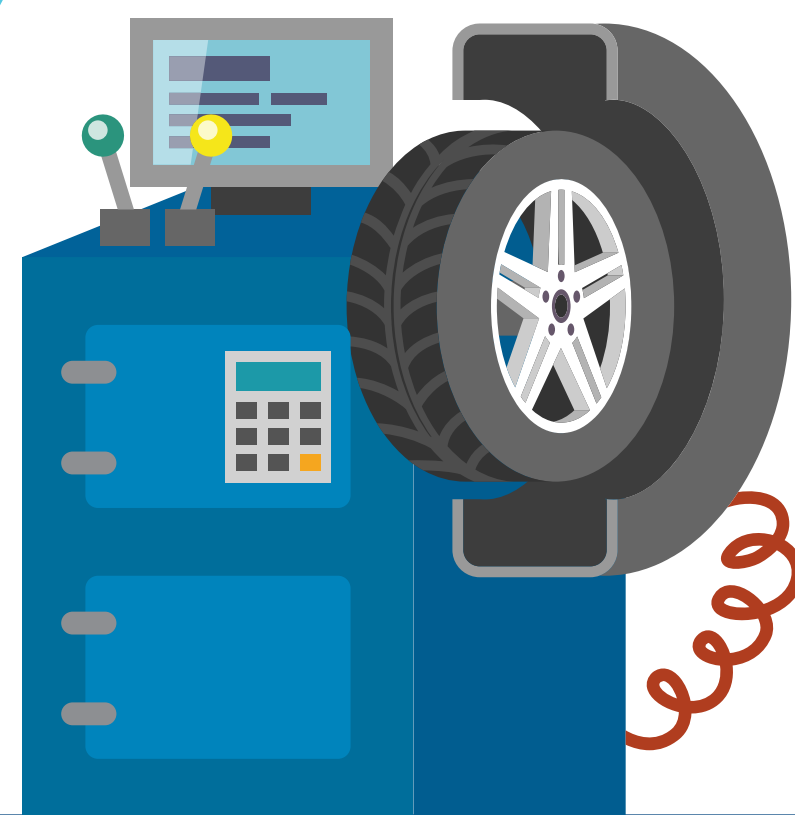
3

Reduce environmental waste and pollution as 100% of the waste generated is recyclable.

4

The retreading industry provides 7x more jobs than new tyre industry.

Knowing the retreading process



Receiving



Cleaning



Inspection



Buffing



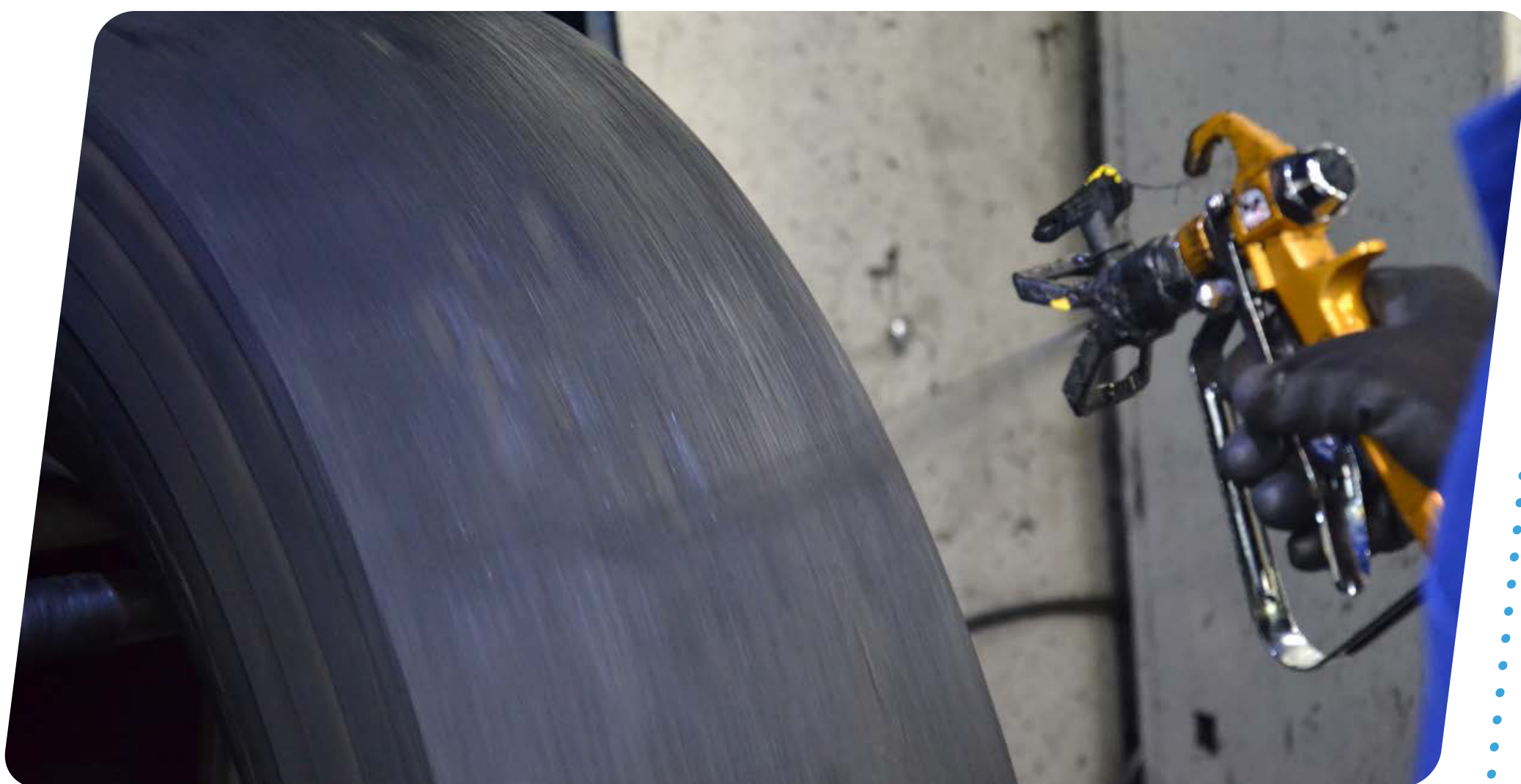
Skiving



Repair



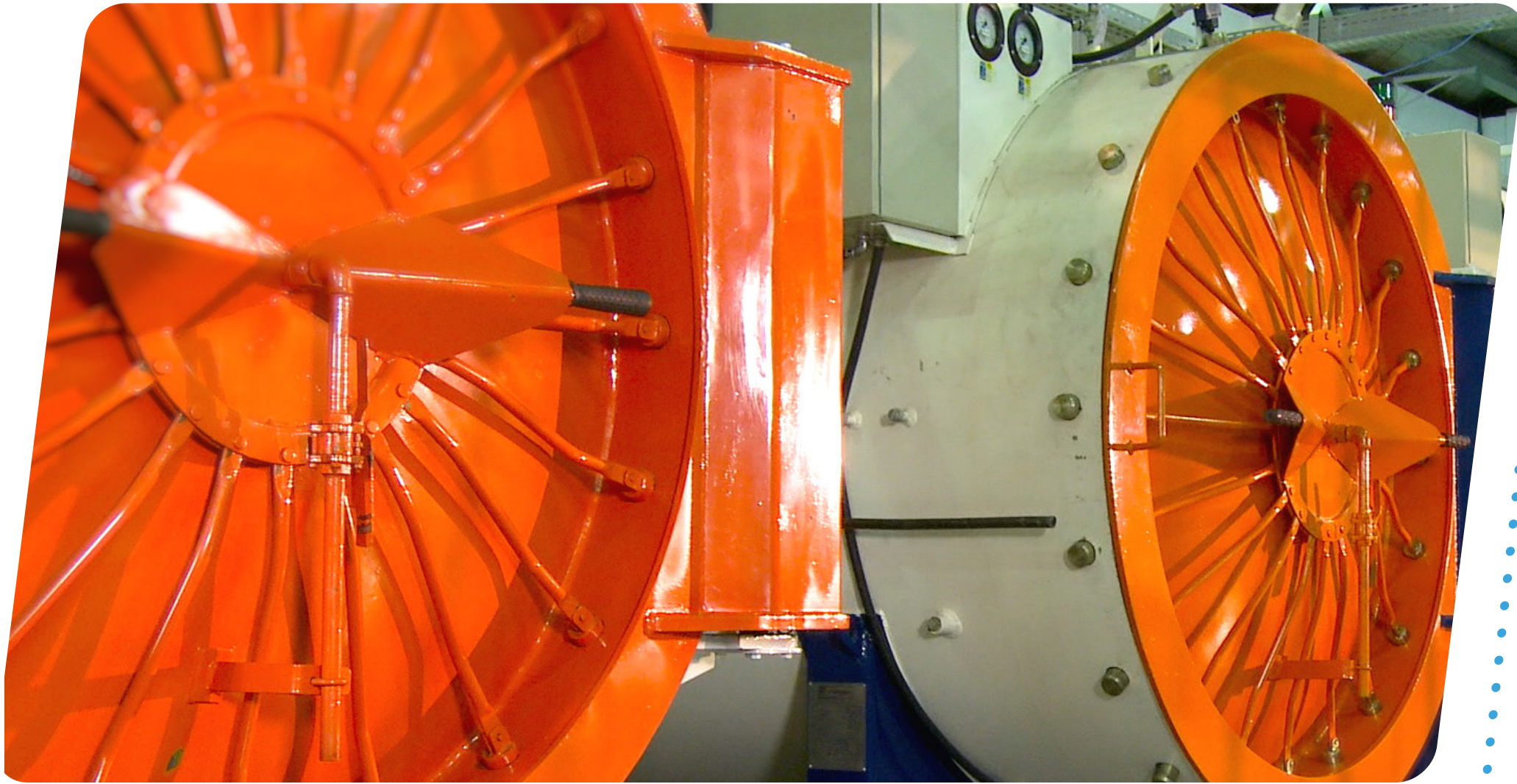
Reinspection & Cement



Building



Curing



Final Inspection



Customer Service - Oceania

Suite 305/35 Lime Street | Sydney, NSW 2000, Australia

Ph./Fax: +61 2 9290 3466

vipal@vipal.com.au

www.vipal.com

