

## ECOLOGICAL ADVANTAGE

### RETREADING IS RECYCLING

New tyres are made from natural rubber, synthetic rubber, carbon black, nylon tyre cord and processing chemicals. All these raw materials, except natural rubber, are petroleum derivatives.

By retreading one tyre you save 20 litres of crude oil. Last year Tyresoles saved the country 20 lakh litres of crude oil.

In the west, tyres are dumped in landfills, which become serious fire hazards. Retreading also helps solve this problem disposing worn out tyres.

## ECONOMICAL ADVANTAGE

### RETREADING IS SAFE AND IT SAVES YOU MONEY

A new tyre consists of the casing or the body and the tread. The casing is an incredibly complicated flexible pressure vessel. It is designed to withstand high temperatures, severe impacts from the road, and heavy pressure. 70% of the cost of the new tyre goes into making the casing. Only 30% of the cost goes into the tread. If you throw out a tyre when the tread is worn, you are wasting 70% of your investment. By retreading, you save this money.



# TYRESOLES®

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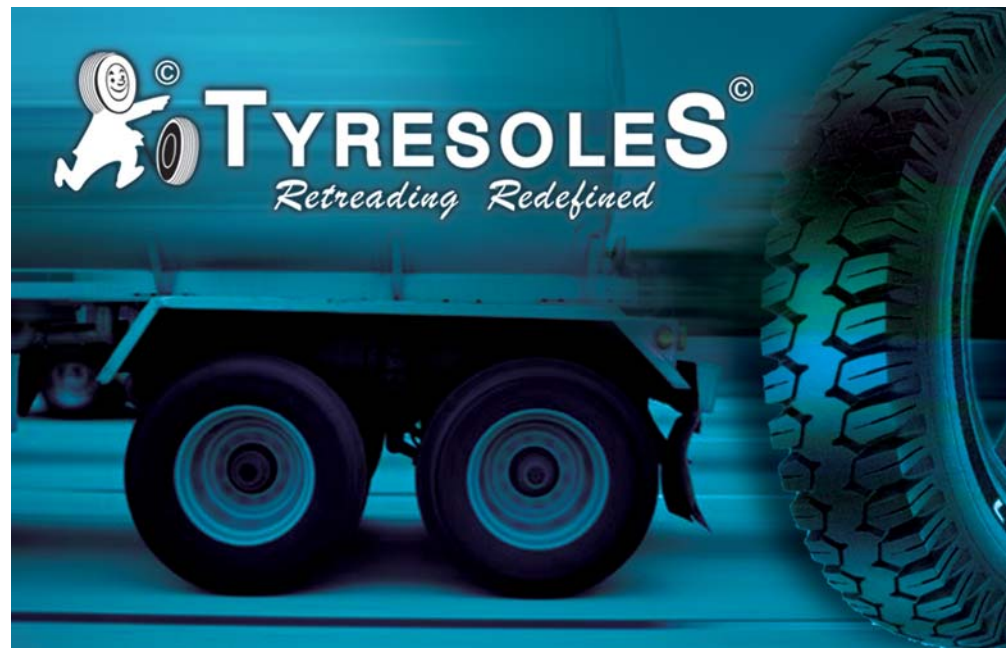
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## What makes Tyresoles India's largest retreading company?



### The nerve centre

With a presence in India since 1947, Tyresoles has its head office based in Mumbai. From here it monitors and controls activities of all its factories at Belgaum, Goa, Pune and Navi Mumbai. Every year, Tyresoles retreads more

than one lakh tyres, consuming more than 1000 tonnes of tread rubber; thus making it the single largest retreader in the industry.

### The Sah & Sanghi legacy

India's leading tyre retreading company,

Tyresoles is a part of the Sah & Sanghi group

of companies. Leaders in the automobile

dealership segment, the Sah & Sanghi group

is a 45-year-old organization with an annual

turnover of Rs. 4 billion and a head count of

1200 employees. Established in 1960, it has

since grown into a group of companies to be

proud of.



### In good company

Tyresoles has ongoing contracts with various government agencies like the State Transport undertakings, BEST (Brihan Mumbai Electric Supply and Transport), Air India, Indian Airlines, Sesa Goa, ACC, L&T and companies from other Public and Corporate sectors.

### The ISO 9001-2000 & TIA factors

The only tyre retreading company to be certified under ISO 9001-2000 by DNV, Tyresoles is a member of TIA, the international chamber of commerce for the tyre industry. This has enabled Tyresoles to stay at the crest of technological advancements and thus add value to its business offering.



### The factories

Today Tyresoles has factories set up at Belgaum, Goa, Pune and New Mumbai. Its total employee strength stands at over 200 and a dealer strength of over 100. The factories retread tyres for cars, LCVs, trucks and tractors using the conventional hot and precured process.

### Far-reaching network

Tyresoles has numerous dealers spread out in Belgaum, Dharwad and Bijapur districts of Karnataka; Goa; Kolhapur, Sangli, Sindhudurg and Pune districts of Maharashtra; Besides, the company has a strong marketing division in Mumbai.



## THE TYRESOLES USP

- Can retread the widest range of tyre sizes – from car to OTR tyres
- Better equipped to retread and repair radial tyres
- Specialized in carrying out tubeless repairs through German Rema Tip Top Technology
- Capable of retreading tyres through precured, as well as conventional mould cure or ring cure process
- The only one to retread radial OTR tyres through Michelin-approved six segmented moulds

## PLUS SERVICES

Tyresoles offers several value added services, parallel to retreading:

- Vehicle checking and tyre inspection for fleet owners
- Free vehicle parking and tyre replacement for drive-in customers
- Six-hour service to factory direct customers
- Standardized product and services with online billing across the factories
- Quality ready retreaded tyres at a reasonable price



## Cutting edge technology

### Rema Tip Top

Tyresoles uses the famed Rema Tip Top German system for repair of tubeless earthmovers tyres. Located in over 140 countries throughout the world, Rema Tip Top through their Indian Partner Tip Top General Agencies (P) Ltd., New Delhi, offers highest quality systems and services in tyre repairs, conveyor repairs, belt splicing, pulley lagging and industrial linings.

### Michelin

Tyresoles is the only retreader to offer retreads for radial earth mover tyres from the world's tyre leader Michelin. These tyres are retreaded to Michelin's specifications, tread designs and state-of-the-art machinery.

## Warranty policy

Tyres retreaded by Tyresoles carry a warranty valid up to 1 year.

Tyres retreaded by Tyresoles are guaranteed against all defects in material and workmanship. The warranty does not cover consequential damages caused by service hazards, vehicle defects, etc. The liability under this warranty is limited to make good the defects arising solely from the use of faulty material or workmanship on a pro-rata basis. Casing burst and/or air in casing is not covered under this warranty. The warranty is valid for a period of one year from the date of our invoice.



## What gives Tyresoles the upper hand

At Tyresoles, you can be sure of getting the best possible product and service.

The question is... can others match up to us?

Parameters	Tyresoles	vs.	the rest
Max. Tread width	Yes		?
Inflated buffing/building	Yes		?
Uninterrupted curing	Yes		?
Any size/type of tyres	Yes		?
Production capacity above 10,000 tyres/month	Yes		?
Online billing	Yes		?
Direct control over formulation/pattern	Yes		?
Right Matrix for right tyre	Yes		?
Written warranty upto 1 year	Yes		?

## Savings on Cost per Kilometer

### COST PER KILOMETER ANALYSIS

THESE ARE GENERAL FACTS.. ANY SPECIFIC FACTS & FIGURES CAN BE ANALYSED ON SAME LINES FOR MORE ACCURATE FINDINGS. TAXES ARE NOT PART OF THE CALCULATION.

<b>A. Indian Tyre</b>	
New Tyre price	- Rs. 12,500/-
Less : Casing value	- Rs. 2,500/-
Effective Cost	Rs. 10,000/-

New tyre mileage - 50000 k. m. **10000/50000 = Cost per k. m. is 20 paise**

<b>B. China Tyre</b>	
New tyre price	- Rs. 9,000/-
Less : Casing value	- Rs. 1,000/-
Effective Cost	Rs. 8,000/-

New tyre mileage - 35000 k. m. **8000/35000 = Cost per k. m. is 23 paise**

\* China casings rarely last for first retreads and casing value is also the least.

<b>C. Local retreaders</b>	
First Retreading charges (including repairs) -	Rs. 3,000/-
Add : Casing cost	- Rs. 2,500/-
Effective cost	Rs. 5,500/-

First retreading mileage - 35000 k. m. **5500/35000 = Cost per k. m. is 16 paise**

\* Normally locally retreaded tyres last only one retreads.

### D. Tyresoles Retreading

1. First Retreading charges	- Rs. 2,500/-
Add : Casing cost	- Rs. 2,500/-
Effective cost	Rs. 5,000/-

tyre mileage - 40000 k. m. **5000/40000 = Cost per k. m. is 12 paise**

2. Second Retreading charges	- Rs. 2,500/-
Add : Casing cost	- Nil
Effective cost	Rs. 2,500/-

tyre mileage - 35000 k. m. **2500/35000 = Cost per k. m. is 7 paise**

### F. Overall Tyresoles retreading cost per K. M.

First + Second retreading **7500/75000 = Cost per k. m. is 10 paise**

### Conclusions :

Tyresoles cost per k. m. is 50% less than new Indian tyre cost per k. m. - 50% saving  
 Tyresoles cost per k. m. is 55% less than new China tyre cost per k. m. - 45% saving  
 Tyresoles cost per k. m. is 65% less than local retreaders cost per k. m. - 35% saving  
 Tyresoles tyres mostly lasts for 3 retreads where the cost is even less.



## Better technology means better mileage



Tyresoles is the only one to offer maximum Crown Width, thus ensuring maximum ground coverage and therefore, better mileage. Unlike the rest, Tyresoles has direct control over tread formulation/tread designing, product development and in-house testing facilities for tensile strength, abrasion, mooney viscosity and so on.