



# MINE AND QUARRY NEWTREAD



The OTR Mine & Quarry NewTread tyre is manufactured specifically for large haulage vehicles working in the harshest mine and quarry environments. Utilising preformed synthetic compound tread patterns, the NewTread is guaranteed to reduce tyre running costs by up to 30% and is a viable alternative to new tyres.

RTDT



Vehicles  
**Rigid dump trucks**

Conditions  
**Harsh**

Tread Characteristics  
**Excellent traction**

RTDR



Vehicles  
**Rigid dump trucks**

Conditions  
**Rock quarrying**

Tread Characteristics  
**Long life**

Available in sizes: **2400R35** & **2700R49**

The manufacturing process of the Mine and Quarry NewTread differs from OTR's standard Smooth & Groove retreading process, utilising a preformed tread made of synthetic compounds, similar to that of a new tyre, which is vulcanised onto a prepared casing.

Worn tyres are initially inspected using OTR's Earthscan ultrasonic tyre scanning system to ensure the tyre's 'retreadability'. The remaining tread is then removed and the casing prepared for retreading.



Once the new tread is applied, the tyre is enclosed in an inner and outer vacuum envelope, which provides the pressure to secure the tread onto the casing during vulcanisation.

Curing takes place in a water autoclave at only 95 degrees - the lower curing temperature is much kinder to the casing and results in greater casing reliability. The result - a NewTread tyre on an existing casing, giving new tyre qualities at retread costs.



**NewTread benefits:**

- 'New' tyre quality compounds
- Lower purchase costs than new
- Prolonged tyre life
- Deferred tyre disposal costs
- Lower running costs per hour - guaranteed.

OTR continue to lead the way with the development of earthmover tyre products and initiatives, which offer the customers 'much more than just tyres'.

