

# MONAFLEX ROAD SYSTEMS

## FOR REPAIRS TO ALL PASSENGER AND TRUCK TYRES

With over fifty years experience and having installed repair systems across more than 40 countries, Monaflex is the industry leader in providing equipment for the repair and vulcanisation of damage in all tyres, ranging from the largest OTR earthmovers to the smallest car tyre. As the original engineers of the pioneering use of inflatable pressure bags, the system developed provides outstanding conformity to the unusual contours of a tyre. The result is a perfectly moulded repair that is the strongest in the industry.

### KEY ADVANTAGES

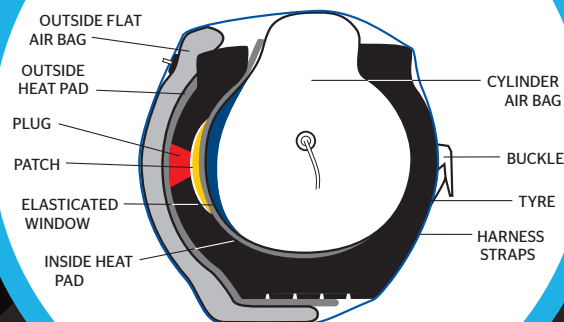
- Low capital outlay. The system can pay for itself in less than one month.
- Lightweight and compact. Very easy to transport to the remotest environments.
- Easy to use. Very little training is needed to produce first class repairs.

### TECHNICAL BENEFITS

- Both the plug and the patch can be cured in one process saving considerable time and minimizing the costs of downtime.
- Cloth backed patches can be used, further reducing costs.
- The inflatable airbags and flexible rubber heat pads conform to anywhere on the tyre ensuring even pressure can be made across the whole repair without distorting the tyre, unlike other systems.
- The system incorporates a unique, elasticated window built into the airbags ensuring greater expansion in to the shoulder giving total confidence over the pressure applied in this difficult area.
- Through the combination of simultaneous heat and pressure applied inside and outside the tyre, Monaflex Systems will cure a repair faster with stronger patch adhesion than any other system available.

## HOW THE SYSTEM WORKS

### SECTION THROUGH TYRE WITH CYLINDER AIR BAG ONLY INSIDE TYRE



### TRRS TRUCK TYRE REPAIR SYSTEM

Repair range: 8.25 to 12.00 x 24 (radial only)  
Includes low profile and super singles



### TRDD TRUCK TYRE REPAIR SYSTEM

Repair range: 8.25 to 12.00 x 24 (radial and cross-ply)  
Includes low profile and super singles  
Tractor range: 9.5 - 32 to 12.4 - 38  
Extendable up to 23.5" section OTR tyres

*Why buy an expensive new tyre when repair of the damaged one is possible at a fraction of the cost?*



### BEAD REPAIR SYSTEM (BRS)

Repair of beads in truck tyres  
from 8.25 to 12.00 x 24 (includes low profile)

Compact and lightweight, this is an extremely easy to operate machine for all bead repairs in tubeless truck tyres.



### SIDEWALL REPAIR SYSTEM (SRS)

Repair of sidewalls in truck tyres  
from 8.25 to 12.00 x 24 (includes low profile)

With assembly on the tyre taking seconds, this easy to operate machine provides excellent pressure and heat just where it's needed.



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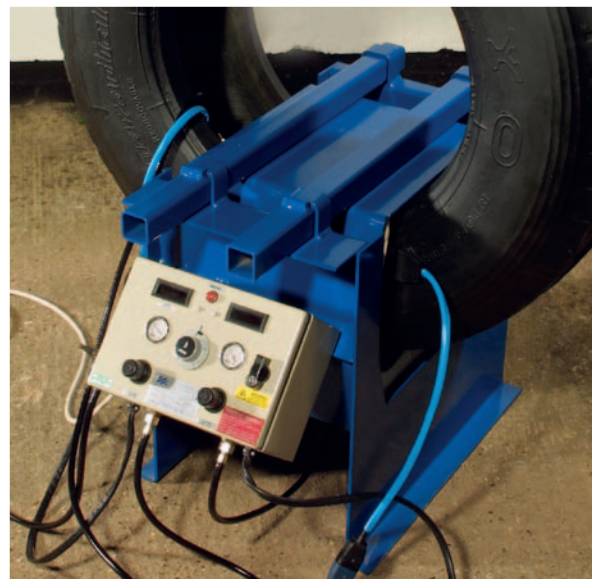
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## PASSENGER & LIGHT TRUCK (PTM)

Repair of radial, cross-ply and low profile  
Passenger, light industrial and light truck (650 to 750)

No other system available provides the range covered at  
such a competitive price. With setup taking mere seconds,  
passenger tyre repair has never been so easy.



## TRUCK & OTR MACHINE (TRM)

Repair of radial, cross-ply tyres, super singles and tractor  
from 8.25 to 12.00 truck, 13.00 to 17.5 OTR, 9.5 to 16.9 tractor

This easy to operate system with fast assembly provides  
continuous heat and pressure on both sides of the injury  
for a first class distortion free repair everytime to a wide  
range of tyres.

## MONARCH VULCANISING SYSTEMS

Monaflex Tyre Repair Systems are manufactured and sold by Monarch Vulcanising Systems.  
Since 1961 Monarch have taken great pride in the quality of their products and excellent customer  
service. With production facilities located in Guernsey, Channel Islands, Monarch is well connected  
to major UK and European transport hubs. This network enables Monarch to ship to thousands of  
facilities in some of the world's harshest and most remote environments.

## FOR FURTHER INFORMATION

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MORE THAN 50 YEARS  
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# ROAD

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