NEW
R-TYPE
HEAT PADS
& AIRBAGS
Stronger, longer lasting and lighter
MONAFLEX
TYRE REPAIR SYSTEMS
MONAFLEX TYRE REPAIR SYSTEMS
THE ORIGINAL AND STILL THE BEST
A perfect repair every time

TOUGH, PORTABLE AND 100% EFFECTIVE

WITH SIXTY YEARS' EXPERIENCE AND REPAIR SYSTEMS INSTALLED ACROSS THE GLOBE, MONAFLEX IS THE EXPERT ON THE REPAIR AND VULCANISATION OF DAMAGE IN ALL TYRES, FROM THE LARGEST OTR EARTHMOVERS TO THE SMALLEST TRUCK.

Monaflex pioneered the use of inflatable pressure bags to provide faithful conformity to the unusual contours of a tyre. The result is a perfectly moulded repair that is the strongest in the industry. From this innovation Monaflex developed a light weight yet tough system that can manage the vulcanisation of repairs in all tyre sizes.

Extensive industry experience coupled with a continual investment in innovation means Monaflex remains the go to tyre repair solution for all repair specialists.

Why buy an expensive new tyre when you can repair the damaged one for a fraction of the cost?
Tyres can be the second highest expense when running a haul truck (behind fuel).

WHAT'S NEW?

Higher quality, longer lasting repairs

Technical Support

Portable

Quick

Flexible

Easy to use

Training

Tough

WE'RE CONTINUALLY WORKING ON WAYS TO MAKE REPAIR OPERATIONS MORE EFFECTIVE AND EFFICIENT. LOOK OUT FOR OUR LATEST PRODUCTS:

The new R-Type Heat Pads and Airbags

These components are the world's strongest. They are more durable yet lighter and still 100% effective. *See pages 26 and 31*

MOTRS – the mid range OTR Sidewall system

In response to customer demand, a mid range sidewall system covering 27.00R49 and 33.00R51. *See page 14*

XLOTRS – the new LIGHTWEIGHT frame work

Now light enough to be lifted by a single operator. *See page 15*

MBRS – a mid range OTR Bead system

An expansion of our popular, unique bead repair solution range. *See page 22*

WHY MONAFLEX?

A SUPERIOR REPAIR EVERY TIME

- **Accurate pressure means a stronger, distortion free repair**. Heavy-duty inflatable Airbags provide pressure where required allowing for total conformity to the profile of the tyre. The result is a distortion free, feather edged repair which is stronger than any other.
- **Specially designed**, elasticated Airbag panels allow complete conformity wherever the injury is. Monaflex flat and cylinder Airbags include a unique elasticated blue window, which allows them to cope with today's wide range of tyre profiles. This panel can be positioned to face the repair and allows greater expansion of the Airbag in that particular area, ensuring complete pressure is being applied over the whole repair.

FASTER REPAIRS INCREASE PRODUCTIVITY

- **Simultaneous internal and external heat sources means shorter repair times**. By using dual* flexible rubber Heat Pads, the required temperature for vulcanisation is applied to the repair area from both the inside and the outside of the tyre. This allows for rapid heat transfer through the repair resulting in a faster cure. Using an internal heat source means the patch can be cured into the tyre simultaneously with the plug which significantly reduces the time the repair takes to complete.

** The BRS and original SRS use single flexible Heat Pad to wrap around the Bead/ Sidewall as relevant and provide heat from all/ both sides.*

SUPERIOR QUALITY COMPONENTS MEAN A DURABLE LONGER LASTING SYSTEM

- **Durable heat pads** – With an element wire designed and manufactured in house, our hardwearing Heat Pads provide excellent abrasion resistance and long life even in the most demanding environments.
- **Long lasting Airbags** – Reinforcements prevent stress on key areas, increasing longevity and reducing wear and tear due to rough handling.
- **Quality control** – Monaflex operates a stringent quality management system, from comprehensive testing of raw materials through to the issuing of individual 'product passports' to document pre despatch testing. This ensures that Monaflex equipment is always ready for the harshest environments.
- **Warranty protection** – all Monaflex components enjoy a full warranty. In the unlikely event there is a quality related product failure within the warranty period, we will issue a replacement.

COMPACT, LIGHT WEIGHT, PORTABLE AND SIMPLE TO USE

- The heavy, cumbersome components associated with older repair technology are replaced with **lightweight** elements. Our R-Type components are lighter still...without compromising strength. *See pages 26 and 31*
- Designed for **easy assembly** by a single operator.
- When not in use the systems can collapse down to a **compact size** making transport and storage easy. Even the complete system for repair of the largest tyres in the world can be transported in the back of a regular car, making mobile repair services and multi-site operations a possibility.

MAXIMUM TYRE RANGE FLEXIBILITY AND COST EFFECTIVENESS

- **Lower capital costs and greater flexibility than 'set range' vulcanising systems** – If you only need to repair a specific range of tyres you can buy a system, tailor made for this range. You can always expand at a later date.
- Depending on the tyre sizes being repaired, a Monaflex system can pay for itself in as little as one month.
- The full Monaflex system will cover a wider range than any other on the market.
- Each system can repair all of these areas of the tyre without the need for extra components:
  - Sidewall
  - Shoulder
  - Crown/Tread
- Dedicated Bead and Sidewall repair systems in Truck and OTR sizes provide an extra quick repair solution for environments with a high volume of those injuries. *See page 9*

UNPARALLELED SERVICE AND TECHNICAL SUPPORT

Our great service doesn't end when you purchase your repair system. Expert technical assistance is unlimited and available at any time...indefinitely.

› **Our technical support base provides:**
- Dedicated technical advisors
- Skilled tyre repair trainers
- Contact via telephone, email, WhatsApp and Skype. Choose what is most convenient for you
- Prompt attention. We promise a response to all queries within 24 hours
- Support and advice on tyre and workshop management.

TRAINING WHEN AND WHERE YOU NEED IT

Although Monaflex systems themselves are simple to use we offer multiple training options.

The Monaflex training programme covers everything you need to run a successful tyre repair operation from the Monaflex system itself to tyre repair fundamentals and tyre management best practice.

› Cover all core topics for successful operation, maintenance and trouble shooting

› Choose from training on site or at the Monaflex Training School

› Course programme tailored to recipients

› Access to experts in tyre repair and fleet management

› Become a certified Monaflex repairer

› Online support is also available including interactive sessions with repair experts and access to online resources and tutorial videos

Get in touch to find out how Monaflex training and support can help you

WHY CYLINDER AIRBAGS PROVIDE THE STRONGEST REPAIR:

Repairs last longer - Cylinder Airbags ensure pressure and heat are applied consistently to the repair area every time. Alternative fillers cause irregular, sometimes shifting, pressure wich can lead to weak, unstable or even dangerous repairs

They're also quicker to use and kinder on the surrounding components.

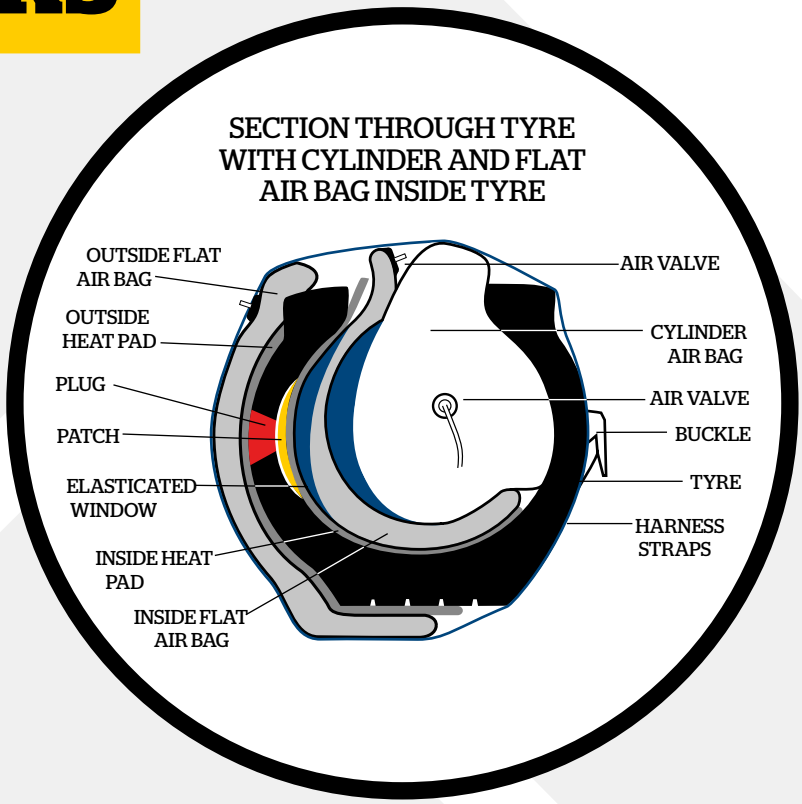
They're designed for the job. Plastic pipes, for example, aren't and their behaviour can therefore be unpredictable and inconsistent.

THE POSITIVE IMPACT OF TYRE REPAIR

The positive impact of tyre repair is clear - Not only does a repair programme drive significant financial savings, it also offers compelling environmental benefits.

HOW IT WORKS

Doing away with traditional heavy weight machinery, the Monaflex System uses lightweight inflatable Airbags to conform to the complex shape of the tyre and provide perfect contouring pressure across the repair area. Two flexible Heat Pads provide the necessary heat for vulcanisation to take place. This straightforward setup provides a distortion free, long lasting repair every time.



WHY USE VULCANISATION?

Vulcanisation is the chemical process in which soft rubber, through the application of heat and pressure, becomes solid and durable.

During a repair, damaged material on the outside of the tyre is replaced and the hole on the inner liner is covered with a patch. The repair is then cured in place using the Monaflex system.

Simple as 1-2-3

1 The layer of cushion gum on the back of the patch will flow, when under pressure, into imperfections on the buffed surface of the tyre increasing the bonding of the patch to the tyre.

2 Because the patch is applied under pressure the repair is uniformly smooth, even and feathered edged – giving even greater adhesion and making the repair unnoticable.

3 Although compatible with all heat cure patches, Monaflex recommends cloth back patches as they offer the maximum possible shelf life coupled with the strongest adhesion.

SPECIALISTS IN BEAD AND SIDEWALL INJURIES

Bead rubber damage can occur frequently during the mounting, dismounting or lifting and shifting of tyres.

There are very limited options available for repairing damage to the Bead area with many resorting to weakly adhered chemical rubber applications. This isn't good practice as it doesn't produce a strong bond and is liable to premature failure in use.

Using our system, loose rubber can be buffed back and raw compound applied to the area.

This can then be properly cured using heat and pressure for a strong permanent repair. Flexible rubber Heat Pads ensure that the required temperature for the repair is applied to the repair area from all sides of the Bead. This technique allows for rapid heat transfer through the repair and allows the raw rubber to be cured quickly, significantly reducing the repair time.

NB. Do not attempt repair if the Bead Cable is damaged. We recommend only rubber repairs are made and that damage to tyre body cords or bead bundles are rejected for repair.

Please see pages 21 and 22 for our dedicated Bead repair systems.

Frequent tyre Sidewall damage can be regularly seen at locations with particularly unforgiving terrain - for example hard rocks with sharp edges which can easily cut the tyre.

Monaflex offers a range of dedicated sidewall repair systems which provide the user with a rapid set up solution for operations seeing a high volume of this specific type of damage.

The Monaflex Heat Pads and Airbags provide all the same great functionality as the classic system, however when coupled with a metal frame for rapid deployment, an operator can assemble the system on the tyre in less than a minute.

Please see page 20 for our dedicated Sidewall repair systems.

THE OTR RANGE

MONAFLEX IS THE SPECIALIST IN OTR REPAIRS AND OFFERS A SOLUTION TO EVERY REPAIR PROBLEM. FROM THE CLASSIC MONAFLEX OTR CUSTOM SYSTEM THROUGH TO THE NEW LIGHTER XL OTR SIDEWALL SYSTEM, ALL OFFER A SUPER TOUGH REPAIR SOLUTION DESIGNED WITH THE NEEDS OF OUR CUSTOMERS IN MIND.

“During the working life of an earthmover, a great deal more will be spent in total on new tyres than was paid out on the original machine”

OTR CUSTOM SYSTEM

THE MONAFLEX OTR CUSTOM SYSTEM IS THE SUPER TOUGH, YET LIGHTWEIGHT CUSTOMISABLE SYSTEM FOR THE REPAIR OF ALL OTR TYRES ON THE MARKET TODAY.

Features

Customisable – only the components necessary for the tyre range being repaired need to be purchased. So you can start small and grow large by adding extra components when other tyre sizes are being repaired.

Plus for all Monaflex systems

Straightforward – little training is required, the system comprises of minimal components and a user friendly, quick to assemble design.

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – simultaneous internal and external vulcanisation means quicker repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Compatible with cloth back patches – which provide the strongest repair, a lower cost and unlimited shelf life.

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- All OTR tyres on the market today. 13.00 section through to largest available

CAN REPAIR

- Radial and Bias tyres
- Regular, Wide Base, Super Wide Base, Floatation, Skidder and Terra tyres
- Sidewall, Shoulder and Crown

COMPONENTS

- Recommended Control Panel: M100 [R-TYPE]
- Please see the Application Chart for component requirements

NEW
NOW WITH R-TYPE
See pages 26 & 31

OTR APPLICATION CHART

TRACTOR/ WIDE BASE	TYRE SECTION	CYLINDER BAG	INSIDE FLAT BAG	INSIDE HEAT PAD		OUTSIDE HEAT PAD	EXTERNAL PACK WITH FLAT BAG & STRAPS
				BIAS	RADIAL		
14.4-24 TO 16.9-38	13.00 TO 17.5	TR1315/20W		MR2519H	MR3015H	TRR2621H	TRR2621E with TROC5XL Straps
18.4-34 TO 20.8-42	18.00 TO 21.00	M1721/24W		MR2519H OR MR2626H	MR3015H	TRR2621H	TRR2621E with TROC5XL Straps
23.1-26 TO 30.5-32	23.5 TO 26.5	M1721/24W	MR4824	MR2519H OR MR2626H	MR3015H	TRR2621H	TRR2621E with TROC5XL Straps
25/65-25	27.00 TO 29.5	M1721/24W	MR4824 MR5432*	MR2519H OR MR2626H	MR3015H OR MR4220H	TRR2621H	TRR2621E with TROC5XL Straps
35/65-33 TO 45/65-45	30.00 TO 37.5	M2732/32W	MR5432	MR3132H OR MR2626H	MR4220H OR MR4224H	MR2626H OR MR3132H	MR4832E with M45/6/7 (1HG) 6 Straps
49.5/85-57 TO 50/65-51	40.00	M3842/32W		MR3132H OR MR2626H	MR4220H OR MR4224H OR MR4824H OR MR5224H	MR2626H OR MR3132H	MR4832E with M45/6/7 (1HG) 6 Straps
46/90-57		M3842/32W	MR5432*				
50/80-57 TO 55/80-57		M4447/32W		MR3132H OR MR2626H	MR4220H OR MR4224H OR MR4824H OR MR5224H	MR2626H OR MR3132H	MR4832E with M45/6/7 (1HG) 6 Straps
53.5/85-57 53.5/85-63 55.5/80-57 55.5/85-57 55.5/85-63		M4447/32W	MR7532 OR MR9032	MR3132H OR MR2626H	MR4220H OR MR4224H OR MR4824H OR MR5224H	MR2626H OR MR3132H	MR4832E with M45/6/7 (1HG) 6 Straps
59/80-63 60/80-57 70/70-57		M5054/32W	MR9032	MR3132H OR MR2626H	MR4220H OR MR4224H OR MR4824H OR MR5224H	MR2626H OR MR3132H	MR4832E with M45/6/7 (1HG) 6 Straps

PLEASE NOTE THAT THIS APPLICATION CHART IS A GENERAL GUIDE FOR COMMON TYRE SIZES. ADDITIONAL COMPONENTS ARE AVAILABLE. PLEASE ENQUIRE. IF IN DOUBT PLEASE GET IN TOUCH ON REPAIR@MONAFLEX.COM

*When repairing 27.00" through 29.5" section widths in Bias tyres, it may be necessary to use a MR5432 to fully cover the patch.
For certain brands of 46/90-57 tyres, it may be necessary to also use an MR5432 inside Flat Airbag to fully fill the section void.

OTR SIDEWALL SYSTEMS

THE OTRS MACHINE PROVIDES THE SAME SUPERIOR INFLATION TECHNOLOGY USED IN THE STANDARD SYSTEM BUT INCORPORATED INTO AN EXTRA QUICK ASSEMBLY HOUSING FOR USE IN PLACES WHERE THERE IS A HIGH VOLUME OF SIDEWALL INJURIES.

Features

Designed for rapid assembly on the tyre in minutes by one technician - breaking into two parts, the inner frame is simply dropped into the tyre section and positioned with the Heat Pad over the repair area. Taking the outside frame component, the guide bars are pushed into place and locked off with the pins. The system is then pressurised, bought up to operating temperature and the timer set for the cure to take place.

Plus for all Monaflex systems

Straightforward – little training is required, the system comprises of minimal components and a user friendly, quick to assemble design.

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – simultaneous internal and external vulcanisation means quicker repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Compatible with cloth back patches – which provide the strongest repair, a lower cost and unlimited shelf life.

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options.

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- OTRS system - 14.00-24 to 29.5-29
- MOTRS sytem - 27.00R49 & 33.00R51

CAN REPAIR

- Radial and Bias tyres
- Regular, Wide Base, Super Wide Base, Floatation, Skidder and Terra tyres
- Sidewall repairs only

COMPONENTS

OTRS system

- TRRS D [R-TYPE] - Control Panel
- OTRS H - Steel framework
- OSR2215H - Heat Pad (Outside tyre)
- OSR2815H - Heat Pad (Inside tyre)
- OSR2117A - Airbag (Outside tyre)
- OSR2517A - Airbag (Inside tyre)
- Enquire for MOTRS

NEW
MEDIUM OTR SIDEWALL SYSTEM
Covers 27.00R49 & 33.00RSI
Enquire for details

NEW LIGHTER ALUMINIUM FRAME

XL OTR SIDEWALL SYSTEM

THE XLOTRS CAN RAPIDLY REPAIR DAMAGE TO THE SIDEWALL ON GIANT EARTHMOVER TYRES. THE NEW LIGHTER METAL FRAME BREAKS DOWN INTO FOUR PARTS FOR QUICK AND EASY TRANSPORT AND ASSEMBLY.

Features

The new frame weighs in at 135kg, 112kg lighter than the original, and is designed for rapid assembly on the tyre. It breaks into four parts for ease of transport and assembly and is perfect for use in locations where Sidewall injuries are common – the pannier is simply placed over the repair area. The inner and outer frame sections are then positioned and locked into place. The system is pressurised and bought up to operating temperature allowing the vulcanisation process to begin.

Plus for all Monaflex systems

Straightforward – little training is required, the system comprises of minimal components and a user friendly, quick to assemble design.

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – simultaneous internal and external vulcanisation means quicker repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Compatible with cloth back patches – which provide the strongest repair, a lower cost and unlimited shelf life.

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options.

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- 40.00R57 to 59/80R63

CAN REPAIR

- Sidewall repairs only
- Radial only

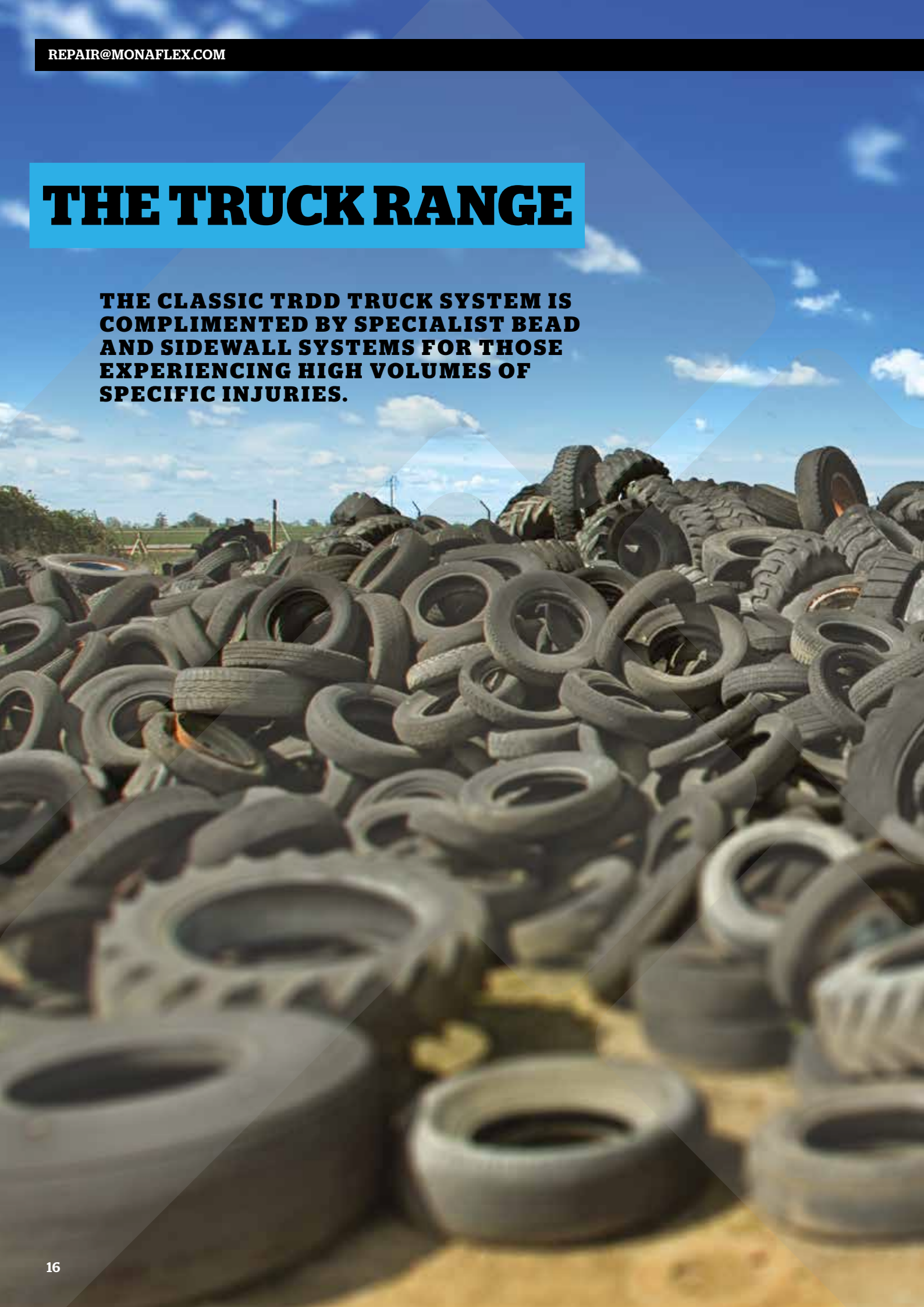
COMPONENTS

- TRRS D [R-Type] - Control Panel
- XLOTRS H - Steel Framework
- XLOTRSR4520H - Heat Pad (Outside tyre)
- XLOTRSR5620H - Heat Pad (Inside tyre)
- XLOTRS4520A - Airbag (Outside tyre)
- XLOTRS5620A - Airbag (Inside tyre)
- XLOTRS P - Airbag Pannier
- XLOTRS BB - Bead Block

Monaflex also offers a specialist Bead repair system for Giant Earthmover Tyres. *Please see page 22.*

THE TRUCK RANGE

THE CLASSIC TRDD TRUCK SYSTEM IS COMPLIMENTED BY SPECIALIST BEAD AND SIDEWALL SYSTEMS FOR THOSE EXPERIENCING HIGH VOLUMES OF SPECIFIC INJURIES.



“Costly disposal of scrap tyres is a recognised industry problem. Reliable tyre repair solutions dramatically extend life spans and can make a real impact.”

TRDD SYSTEM

THE TRDD PROVIDES A SCALED DOWN VERSION OF THE OTR CUSTOM SYSTEM FOR THOSE LOOKING FOR THE SAME HIGH STRENGTH, TOP QUALITY REPAIRS IN THEIR TRUCK TYRES.

Features

Customisable – an OTR extension is also available. Please see the Application Chart.

Plus for all Monaflex systems

Straightforward – little training is required, the system comprises of minimal components and a user friendly, quick to assemble design.

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – simultaneous internal and external vulcanisation means quicker repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Compatible with cloth back patches – which provide the strongest repair, a lower cost and unlimited shelf life.

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- Truck: 8.25 section through to 12.00x24 (Can be extended to 23.5" section OTR. With optional extra components the system can be extended to cover this larger OTR range. No other single system can cover this tyre range).
- Tractor: 9.5 to 12.4 section widths

CAN REPAIR

- Radial and Bias tyres
- Regular, Low Profile and Super Single
- Sidewall, Shoulder and Crown/Tread

COMPONENTS

- Recommended Control Panel: TRRS D [R-TYPE]
- Please see the Application Chart for component requirements
- MVS1900/250 - Truck Repair Stand (Optional)

NEW
NOW WITH R-TYPE
See pages 26 & 31

TRDD APPLICATION CHART

TRACTOR/ SECTION WIDTH	TRUCK TYRE SECTION WIDTH	CYLINDER BAG	INSIDE HEAT PAD		OUTSIDE HEAT PAD	OUTSIDE AIRBAG EXTERNAL PACK WITH FLAT BAG & STRAPS	
			BIAS	RADIAL			
9.5 TO 12.4 INCHES 260/70R TO 320/85R MM	8.25 TO 12.00 INCHES 235 TO 295 MM	TR911/13W	TRR2213H	TRR2210H	TRR2213H	TRR2213E	TROC 4
	315/80-22.5	TR1212W	TRR2213H	TRR2210H	TRR2213H	TRR2213E	TROC 4
SUPER SINGLE/ WIDE BASE	365/80-22.5 TO 445/65-22.5	TR1315/15W	TRR2213H	TRR2210H	TRR2213H	TRR2213E	TROC 4
THE TRDD SYSTEM CAN BE EXTENDED UPWARDS TO COVER OTR TYRES UP TO 21.00 SECTION WIDTH							
OTR	13.00 TO 17.5 INCHES TYRE EXTENSION 330 TO 445 MM	TR1315/20W	TRR2519H	TRR3015H	TRR2621H	TRR2621E	TR0C5XL
	18.00 TO 21.00 INCHES TYRE EXTENSION 455 TO 530 MM	M1721/24W	TRR2519H	TRR3015H	TRR2621H	TRR621E	TR0C5XL

PLEASE NOTE THAT THIS APPLICATION CHART IS A GENERAL GUIDE FOR COMMON TYRE SIZES. ADDITIONAL COMPONENTS AVAILABLE. PLEASE ENQUIRE. IF IN DOUBT PLEASE GET IN TOUCH ON REPAIR@MONAFLEX.COM

Truck Repair Machine: Please enquire about the standalone TRM system. This standalone workshop system offers extreme durability with all components incorporated into the metal frame.

SIDEWALL REPAIR SYSTEM

THE SIDEWALL REPAIR SYSTEM (SRS) PROVIDES THE SAME SUPERIOR INFLATION TECHNOLOGY USED IN THE STANDARD SYSTEM BUT INCORPORATED INTO A FRAME THAT CAN BE ASSEMBLED IN SECONDS. PERFECT FOR THOSE EXPERIENCING A HIGH VOLUME OF SIDEWALL INJURIES.

Features

Rapid assembly – supplied with the Airbags and Heat Pads attached to the light weight framework, the system has been designed without straps, for rapid assembly on the tyre and is ready to use immediately. **The new version for 2016 features two Heat Pads for improved heat transfer and positioning.**

Straightforward – the single unit system is simply dropped over the Sidewall and positioned with the Heat Pads over the repair area.

One technician – after ensuring correct positioning, the system is pressurized and is in operation. This whole process can be completed in seconds by one technician.

Plus for all Monaflex systems

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – simultaneous internal and external vulcanisation means quicker repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Compatible with cloth back patches – which provide the strongest repair, a lower cost and unlimited shelf life.

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- Truck: 8.25 to 12.00x24
- Tractor: 9.5-32 to 12.4-38

CAN REPAIR

- Radial and Bias tyres only
- Regular, Low Profile and Super Single
- Sidewall repairs only

COMPONENTS

- TRRS D - Control Panel
- SRS H - Steel Framework
- SRS1210H - Heat Pad (Inside tyre)
- SRS1210H - Heat Pad (Outside tyre)
- SRS1210W - Airbag (Inside)
- SRS1210A - Airbag (Outside)
- MVS1900/250 - Repair Stand (Optional)

Original version using single Heat Pad- SRS288H - Heat Pad. Suitable for use only with the TRRS 1F Control Panel. Please specify when requiring this version.

BEAD REPAIR SYSTEM

THE BEAD REPAIR SYSTEM (BRS) IS THE FIRST IN THE TRUCK TYRE MARKET TO PROVIDE A PERFECT BEAD REPAIR. THIS IS AN INVALUABLE SYSTEM FOR ENVIRONMENTS EXPERIENCING A HIGH VOLUME OF BEAD INJURIES. ALSO SEE PAGE 9.

Features

Specialist Bead repairs – this highly specialised, unit sits over the Bead on any tubeless Radial truck tyre and provides the necessary heat and pressure to repair any rubber nicks and damage that would otherwise cause the tyre to be scrapped.

Rapid assembly – with the Heat Pad and Airbag supplied attached to the steel frame, the operator need only drop the unit over the prepared Bead injury and switch on. The cure can be completed in as little as 20 minutes and minimal or no buffing is required.

Plus for all Monaflex systems

Straightforward – little training is required, the system comprises of minimal components and a user friendly, quick to assemble design.

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – heat directed from all around the Bead results in fast repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Correct pressure just where it is needed – means a stronger repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- Truck: 8.25 to 12.00R24

CAN REPAIR

- Bead repairs only
- Radial tyres only
- Regular, Low Profile and Super Single
- Only one unit for all tubeless truck tyres

COMPONENTS

- MX101 - Control Panel
- BRS H - Steel Framework
- BRS126 PP - Rubber Pressure Pad
- BRS167 - Flat Airbag
- BRS126H - Heat Pad
- MVS5001/112 - Air Control Lines
- MVS1900/ 250 - Repair Stand (optional)

- BRS AG - Agricultural Bead Repair System
  For wider bead repairs in agricultural tyres please enquire for further information

XL BEAD REPAIR SYSTEM

MANY COSTLY EARTHMOVER TYRES ARE SCRAPPED DUE TO MINOR DAMAGE IN THE BEAD AREA.

The solution is Monaflex's XL Bead Repair System (XLBRS), the only system that can conform to the complex profile of the Radial Bead area. The inflatable Airbags used throughout the Monaflex range conform perfectly to the Bead and also provide the necessary pressure to facilitate the vulcanising process. Two Monaflex Heat Pads, one directly on the Bead and the other wrapping around the area provide the required temperature. Please also see page 9.

Features

Specialist Bead repairs – a unique system for repairing a damaged Bead on giant radial OTR tyres.

Rapid assembly – the Heat Pad and Airbag are supplied attached to the steel frame, the operator need only lock the frame together over the prepared Bead injury and switch the unit on.

Breaking down into two sections the XLBRS is simple to setup and can be easily assembled by one operator.

Designed for use with the largest Radial OTR tyres, the working width of the Bead sole is 4.75".

Plus for all Monaflex systems

Compact – easy to transport and store. No need for traditional heavy weight machinery.

Quick – heat directed from all around the Bead results in fast repairs.

Quality components.

Super tough – yet lightweight.

Simple requirements – Just a 240V* single phase power supply and clean air supply (minimum 50psi).

Correct pressure just where it is needed – means a stronger, distortion free repair every time.

Durability – exceptionally durable Heat Pads.

Support and training – unlimited technical support and multiple training options

Please see pages 4-7 for more detail. *110V available on request.

TYRE RANGE

- XLBRS - 40.00R57 and 59/85R63. Covers a Bead sole width of 4.75"
- MBRS - Covers a bead sole width of 2 to 4"

CAN REPAIR

- Radial tyres only
- Bead repairs only

COMPONENTS

XLBRS system

- TRRS D - Control Panel
- XLBRS H - Steel Framework
- XLBRS13x4.75H - Heat Pad (Bead)
- XLBRS4112H - Heat Pad (Wrap)
- XLBRS43.5x13A - Airbag
- XLBRS BB - Bead Block
- Enquire for MBRS components

NEW
MID RANGE BEAD SYSTEM
COVERS A BEAD SOLE WIDTH OF 2" TO 4"

COMPONENTS

THE SAME HIGH QUALITY STANDARDS APPLY TO ALL MONAFLEX COMPONENTS.

CONTROL PANELS AND REPLACEMENT PARTS

MONAFLEX CONTROL PANELS HAVE A JUSTIFIED REPUTATION FOR BEING EXTREMELY DURABLE IN HARSH FIELD CONDITIONS.

They offer a user friendly solution with real time feedback and control of temperature and pressure. Built in safety mechanisms detect temperature changes and accidental thermocouple disconnections.

WHICH PANEL IS RIGHT FOR YOU?

PANEL CODE	TRRS-D	MC	M100
WHERE IS EACH PANEL BEST USED?			
OVERVIEW	PERFECT FOR ANY WORKSHOP CONDUCTING TRUCK REPAIRS	THE ESSENTIAL OTR PANEL FOR STANDARD OPERATIONS	ADDED FUNCTIONALITY MEANS INCREASED CONTROL AND FEEDBACK
TYRE SIZE RANGE COVERED (SECTION WIDTHS)			
TRUCK	YES		
OTR 13.00 TO 21.00"	YES (USING UPGRADE TO TRRS-D EX)	YES	YES
OTR 23.5"+		TO 29.5"	YES
FEATURES			
#HEAT PADS THAT CAN BE CONTROLLED	2	2	2 (EXTEND TO 3 WITH THE M66 EXTENSION)
#AIRBAGS THAT CAN BE CONTROLLED INDEPENDENTLY	2	3	3
#AIRLINES	2 STRAIGHT	3 STRAIGHT	3 WITH INLINE PRESSURE (DISPLAYS ACTUAL PRESSURE NOT TARGET)
TEMPERATURE FIXED AT (°C):	140	140	ADJUSTABLE
TEMP DISPLAY	DIGITAL	DIGITAL	DIGITAL
HEAT PAD TEMPERATURE CONTROL VIA	PROPIETARY F-BOARD	PROPIETARY F-BOARD	CAL PROCESSOR, TEMPERATURE PROCESSOR AND DEDICATED SSR FOR HEAT PAD SWITCHING
HEAT PAD FUSE	10A CARTRIDGE FUSE FOR EACH HEAT PAD (F-BOARD INTERGRATED)	10A CARTRIDGE FUSE FOR EACH HEAT PAD (F-BOARD INTERGRATED)	DEDICATED 10A MCB TRIP SWITCHES
SAFETY	20A MCB MAINS TRIP; SURGE PROTECTOR; REGULATOR PREVENTS OVER PRESSURE ON AIR SUPPLY	20A MCB MAINS TRIP; SURGE PROTECTOR; REGULATOR PREVENTS OVER PRESSURE ON AIR SUPPLY	20A MCB MAINS TRIP; SURGE PROTECTOR; REGULATOR PREVENTS OVER PRESSURE ON AIR SUPPLY
AMMETERS	NO	NO	DIGITAL
TIMER	DIGITAL	DIGITAL	DIGITAL
ALARMS	VISUAL	AUDIBLE	AUDIBLE

REPLACEMENT PARTS				
PRODUCT CODES	DESCRIPTION	TRRS-D	M100	MC
MVS1700/001	REPLACEMENT HEAT PAD CONTROL LEAD		✓	
MVS1700/002	REPLACEMENT HEAT PAD CONTROL LEAD			✓
MVS1700/006	REPLACEMENT HEAT PAD CONTROL LEAD	✓		
MVS5001/100	BLACK AIRLINE		✓	
MVS5001/101	BLUE AIRLINE		✓	
MVS5001/102	GREEN AIRLINE		✓	
MVS5001/103	DOUBLE AIRLINE [MC]			✓
MVS5001/105	STRAIGHT BLUE AIRLINE [MC]	✓		✓
MVS5001/104	STRAIGHT BLACK AIRLINE	✓		
MVS5002/100	COMPLETE AIRLINE SET		✓	
MVS5002/102	STRAIGHT AIRLINE SET	✓		
MVS9000/103	AIR REGULATOR	✓	✓	✓
MVS9000/201	HP RELAY [SSR]		✓	
MVS9000/203	ALARM RELAY [LATCHING]		✓	
MVS9000/207	POWER RELAY	✓	✓	✓
MVS9000/219	LED DISPLAY (INCLUDES CABLES	✓		✓
MVS9000/220	AMMETER		✓	✓
MVS9000/222	DIGITAL TIMER	✓	✓	✓
MVS9000/223	CAL9500 TEMPERATURE CONTROLLER		✓	
MVS9000/306	LINE FILTER		✓	✓
MVS9000/401	AMBER NEON		✓	✓
MVS9000/402	WHITE NEON	✓	✓	✓
MVS9000/404	POWER FUSE [20A]	✓	✓	✓
MVS9000/407	POWER LIGHT	✓	✓	✓
MVS9000/504	F-BOARD FUSE [10A]	✓		✓
MVS9000/508	HEAT PAD FUSE [10A]		✓	
MVS9000/512	MICRO-SWITCH		✓	✓
MVS9000/602	MAINS SOCKET [240V]	✓	✓	✓
MVS9000/606	THERMOCOUPLE SOCKET	✓	✓	✓
MVS9000/700	F-BOARD	✓		✓
MVS9001/100	AIR GAUGE	✓	✓	✓

DID YOU KNOW?

When operating two zone Heat Pads the M66 Panel is available to provide an extra control feed. Supplied with a bracket for mounting on the side of an M100.

Enquire for extra details

HEAT PADS

NEW
WORLD'S STRONGEST HEAT PADS
& up to 30% lighter

MONAFLEX HEAT PADS ARE THE INDUSTRY LEADING FLEXIBLE HEAT SOURCE FOR ALL TYRE REPAIRS.

Our special rubber compound ensures our Heat Pads balance exceptional flexibility with extreme durability. Flexibility is further enhanced by an intelligent wire layout that flexes with the contour of the tyre. All sizes are available as a standard Heat Pad or as the new R-Type.

R-TYPE HEAT PADS

Our latest generation of Heat Pads takes all of the benefits of the X-Pad and places them in a new lightweight, yet stronger format.

Features

- 30% lighter than the original Monaflex Heat Pad
- Multiple layers of reinforced, heavy duty fabric for increased strength and maximum durability. This prevents elongation of Heat Pads and protects the element wire
- The thickness of the heat pad reduces from 12mm to 8mm
- Heavy duty steel conduit and cable protection moulded into the handle to prevent wire fatigue
- Special couplings mean the most secure and reliable connection
- An extended 1 year warranty

PRODUCT CODES	NOTES	OVERALL SIZE	CABLE LENGTH
TRR2210H		22" X 10" / 559MM X 254MM	1M
TRR2213H		22" X 13" / 559MM X 330MM	1M
OSR2215H	OTRS - OUTSIDE	22" X 15" / 559MM X 381MM	2M
OSR2815H	OTRS - INSIDE	28" X 15" / 711MM X 381MM	2M
MR45.5X20H	XLOTRS - OUTSIDE	45" X 20" (PLUS 5" FLAP) / 1143MM X 508MM	3M
MR5620H	XLOTRS - INSIDE	56" X 20" (PLUS 5" FLAP) / 1422MM X 508MM	3M
TRR2621H		26" X 21" / 660MM X 533MM	2M
MR1616H		22" X 17" / 559MM X 432MM	2M
MR2519H		31" X 20" / 787MM X 508MM	2M
MR2626H		32" X 27" / 813MM X 686MM	2M
MR3015H		36" X 16" / 914MM X 406MM	2M
MR3026H		36" X 28" / 914MM X 711MM	2M
MR3132H		37" X 33" / 940MM X 838MM	2M
MR3620H		36" X 20" / 914MM X 508MM	2M

Monaflex always recommends selecting a Heat Pad for use as per the Application Charts. If you are selecting a size not included on the Application Chart we recommend that you contact Monaflex with the tyre size, patch size and repair location for confirmation.

PRODUCT CODES	NOTES	OVERALL SIZE	CABLE LENGTH
MR3636H		48" X 16" / 1219MM X 406MM	2M
MR4040H		43" X 37.5" / 1092MM X 952MM	2M
MR4215H		43" X 41" / 1092MM X 1041MM	2M
MR4220H		48" X 21" / 1219MM X 533MM	2M
MR4224H		47" X 25" / 1192MM X 635MM	2M
MR4824H		54" X 25" / 1372MM X 635MM	2M
MR4828H		51" X 29" / 1295MM X 737MM	2M
MR4932H		49" X 32" / 1245MM X 813MM	2M
MR5224H		58" X 25" / 1473MM X 635MM	2M
MR6024H 1Z	1 ZONE	66" X 26" / 1676MM X 660MM	2M
MR6624H 2Z	2 ZONE	66" X 26" / 1676MM X 660MM	2M & 3M
MR6624H 1Z	1 ZONE	72" X 25" / 1829MM X 635MM	2M
MR6624H 2Z	2 ZONE	72" X 25" / 1829MM X 635MM	2M & 3M
MR7426H	2 ZONE	77" X 27" / 1956MM X 686MM	2M
MR8822H	2 ZONE	91" X 23" / 2311MM X 584MM	2M

DID YOU KNOW?

Convert a standard Control Panel (MVS9000/608) to allow R-Type Heat Pad operation without the need for Adaptors.

R TYPE HEAT PAD ACCESSORIES

PRODUCT CODES	DESCRIPTION	NOTES
MVS6000/206	HEAT PAD REPLACEMENT PLUG	R-PAD OR X-PAD
MVS9000/615	HEAT PAD ADAPTOR	ENABLE R-PAD USE ON STANDARD STYLE CONTROL PANEL
MVS9000/616	HEAT PAD PANEL ADAPTOR	ENABLE STANDARD PAD USE ON X-TYPE PANEL
MVS6000/240	HEAT PAD DUSTING CHALK	PROVIDES A NON-STICK SURFACE FOR THE HEAT PAD DURING USE
MVS9000/608	HEAT PAD PANEL SOCKET	CONVERT STANDARD CONTROL PANELS TO X-TYPE (TWO REQUIRED PER PANEL)

All adaptors are suitable for use with X and R-Type components.

HEAT PAD COVERS

Provides a non-stick protective surface to the Heat Pad. Compatible with both Standard and R-Type Heat Pads.

PRODUCT CODES			
TR2210H C	TR2213H C	TR2621H C	M1616H C
M2519H C	M2626H C	M3015H C	M3026H C
M3132H C	M3620H C	M4215H C	M3636H C
M4040H C	M4220H C	M4224H C	M4824H C
M4828H C	M4932H C	M4545H C	M5224H C
M6024H C	M6624H C	M7426H C	M8822H C

CLASSIC HEAT PADS

The classic Monaflex Heat Pad is extremely durable whilst remaining flexible and lightweight. We recommend dusting the Heat Pad with tyre talc before use.

PRODUCT CODES	NOTES	OVERALL SIZE	CABLE LENGTH
M30N	FOR 100AST MACHINE	27" X 9" / 686MM X 229MM	1M
TR30N	FOR MPB MACHINE	17" X 9" / 432MM X 229MM	1M
MVN1213H	FOR 400AST, SM180 & V14 MACHINES	18" X 13" / 457MM X 330MM	1M
MVN2217H		22" X 17" / 559MM X 432MM	1M
BRS126H	BRS SYSTEM	13" X 6" / 330MM X 152MM	0.5M
BRS158H	BRS AGRICULTURAL SYSTEM	15" X 7" / 381MM X 178MM	0.5M
SRS1210H	SRS SYSTEM - NEW STYLE	12" X 10" / 305MM X 254MM	0.5M
SRS288H	SRS SYSTEM - OLD STYLE SINGLE PAD	28" X 8" / 711MM X 203MM	0.5M
OS2215H	OTRS SYSTEM - OUTSIDE	22" X 15" / 559MM X 381MM	2M
OS2815H	OTRS SYSTEM - INSIDE	28" X 15" / 711MM X 381MM	2M
XLBRS13X4.75H	XLBRS SYSTEM - BEAD	13" X 4.75" / 330MM X 121MM	1M
XLBRS4112H	XLBRS SYSTEM - WRAP	41" X 12" / 1041MM X 305MM	1M
XLOTRS4520H	XLOTRS SYSTEM - OUTSIDE	45" X 20" (PLUS 5" FLAP) / 1143MM X 508MM	3M
XLOTRS5620H	XLOTRS SYSTEM - INSIDE	56" X 20" (PLUS 5" FLAP) / 1422MM X 508MM	3M
TR2210H		22" X 10" / 559MM X 254MM	1M
TR2213H		22" X 13" / 559MM X 330MM	1M
TR2621H		26" X 21" / 660MM X 533MM	2M
M1616H		22" X 17" / 559MM X 432MM	2M
M2519H		31" X 20" / 787MM X 508MM	2M
M2626H		32" X 27" / 813MM X 686MM	2M
M3015H		36" X 16" / 914MM X 406MM	2M
M3026H		36" X 28" / 914MM X 711MM	2M
M3132H		37" X 33" / 940MM X 838MM	2M
M3620H		36" X 20" / 914MM X 508MM	2M
M4215H		48" X 16" / 1219MM X 406MM	2M

Features

- All Heat Pads reach full temperature in less than 30 minutes
- No cold margins. Edge to edge heating makes installation easy
- Revised wiring ensures even heating across the entire Heat Pad
- Unique in-house manufactured wire results in un-paralleled strength in use
- The separation of control wires and element wire is eliminated
- There is reduced surface friction due to our new Heat Pad finish

PRODUCT CODES	NOTES	OVERALL SIZE	CABLE LENGTH
M3636H		43" X 37.5" / 1092MM X 952MM	2M
M4040H		43" X 41" / 1092MM X 1041MM	2M
M4220H		48" X 21" / 1219MM X 533MM	2M
M4224H		47" X 25" / 1194MM X 635MM	2M
M4824H		54" X 25" / 1372MM X 635MM	2M
M4828H		51" X 29" / 1295MM X 737MM	2M
M4932H		49" X 32" / 1245MM X 813MM	2M
M5224H		58" X 25" / 1473MM X 635MM	2M
M6024H 1Z	1 ZONE	66" X 26" / 1676MM X 660MM	2M
M6024H 2Z	2 ZONE	66" X 26" / 1676MM X 660MM	2M & 3M
M6624H 1Z	1 ZONE	72" X 25" / 1829MM X 635MM	2M
M6624H 2Z	2 ZONE	72" X 25" / 1829MM X 635MM	2M & 3M
M7426H	2 ZONE	77" X 27" / 1956MM X 686MM	2M
M8822H	2 ZONE	91" X 23" / 2311MM X 584MM	2M

Monaflex always recommends selecting a Heat Pad for use as per the Application Charts. If you are selecting a size not included on the Application Chart we recommend that you contact Monaflex with the tyre size, patch size and repair location for confirmation.

CLASSIC HEAT PAD ACCESSORIES

PRODUCT CODES	DESCRIPTION	NOTES
MVS6000/201	MAINS PLUG (240V)	FOR 240V HEAT PADS, BLACK, 2 PIN
MVS6000/203	MAINS PLUG (110V)	FOR 110V HEAT PADS, WHITE, 3 PIN
MVS6000/205	THERMOCOUPLE PLUG	
MVS6000/240	HEAT PAD DUSTING CHALK	PROVIDES A NON-STICK SURFACE FOR THE HEAT PAD DURING USE

SPECIAL RECOMMENDATIONS:

XLOTRS SYSTEM	XLOTRS4520H	HPRK XL (3M)
	XLOTRS5620H	HPRK XL (3M)
M6024H (2 ZONE)	TOP END	HPRK L
	BOTTOM END	HPRK L (3M)
M6624H (2 ZONE)	TOP END	HPRK L
	BOTTOM END	HPRK L (3M)
M7426H (2 ZONE)	TOP END	HPRK L
	BOTTOM END	HPRK L (3M)
M8822H (2 ZONE)	TOP END	HPRK L
	BOTTOM END	HPRK L (3M)

L 21

AIRBAGS

NEW
LIGHTWEIGHT
FLAT AIRBAG
Now available

R-TYPE AIRBAGS

This brand new generation of Flat Airbag features all the benefits of the traditional Monaflex airbag with added strength. They are built to withstand the harshest environments with strength of 5000N/ 50 mm in both warp and weft.

Features

- Lightweight and flexible. Up to 70% lighter than the original airbags, R-Type is easier to position placing less strain on technicians
- Fully reinforced rubber for increased strength and maximum durability
- The weight of an M4824 drops from 11.3kg to 6.4kg
- Available in all popular sizes

	PRODUCT CODES	SIZE
PASSENGER/ LIGHT TRUCK	TRR2210	28" X 8" / 711MM X 203MM
	TRR2213	12" X 6" / 305MM X 152MM
OTR/ TRACTOR/ WIDE BASE	OSR2117	22" X 10" / 559MM X 254MM
	OSR2517	22" X 13" / 559MM X 330MM
	MR2820	36" X 20" / 914MM X 508MM
	MR3624	26" X 21" / 660MM X 533MM
	MR4824	23" X 16" / 584MM X 406MM
	MR5432	28" X 20" / 711MM X 508MM
	MR6032	36" X 24" / 914MM X 610MM
	MR6732	48" X 24" / 1219MM X 610MM
	MR7532	54" X 32" / 1372MM X 813MM
	MR9032	60" X 32" / 1524MM X 813MM
	XLBRS R 4313	67" X 32" / 1702MM X 813MM
	XLOTRS R 4520	75" X 32" / 1905MM X 813MM
	XLOTRS R 5620	90" X 32" / 2286MM X 813MM

CLASSIC AIRBAGS

Extreme flexibility allows Monaflex airbags full conformity to even the most complex tyre profiles ensuring full pressure is applied exactly where it is needed.

Exceptional durability means our Airbags are suitable for use in the most extreme conditions but they remain lightweight for ease of transport and installation.

Features

- Selected Airbags feature an elasticated window to ensure complete conformity to the repair area.
- Bladder and cover sizes have been optimised to ensure the perfect fit – this reduces the strain on the bladder.
- Additional reinforcements around the valve region protect against wear and tear from rough handling.
- High wear points on covers are reinforced to reduce possibility of seam damage.
- A super-strength valve completely eliminating the possibility of the valve or valve core tearing away from airbag.

	PRODUCT CODES	SIZE
SYSTEM SPECIFIC AIRBAGS	PTM288A	28" X 8" / 711MM X 203MM
	BRS126A	12" X 6" / 305MM X 152MM
	TRM4815A	48" X 15" / 1219MM X 381MM
	SRS1210A	12" X 10" / 305MM X 254MM
	SRS1210W	12" X 10" / 305MM X 254MM
	OS2117A	21" X 17" / 533MM X 432MM
	OS2517A	25" X 17" / 635MM X 432MM
	XLBRS43.5X13A	43.5" X 13" / 1105MM X 330MM
	XL0TRS5620A	56" X 20" / 1422MM X 508MM
	XL0TRS4520A	45" X 20" / 1143MM X 508MM
FLAT AIRBAGS FLAT AIR BAGS ARE AVAILABLE IN ANY SIZE. THEY CAN BE MADE WITH EDGE VALVES IF REQUIRED AND CUSTOM SIZES ARE AVAILABLE UPON REQUEST.	TR2210(W)	22" X 10" / 559MM X 254MM
	TR2213(W)	22" X 13" / 559MM X 330MM
	TR3620(W)	36" X 20" / 914MM X 508MM
	TR2621(W)	26" X 21" / 660MM X 533MM
	M2316(W)	23" X 16" / 584MM X 406MM
	M2820(W)	28" X 20" / 711MM X 508MM
	M3624(W)	36" X 24" / 914MM X 610MM
	M4824(W)	48" X 24" / 1219MM X 610MM
	M5432(W)	54" X 32" / 1372MM X 813MM
	M6032(W)	60" X 32" / 1524MM X 813MM
	M6732(W)	67" X 32" / 1702MM X 813MM
	M7532(W)	75" X 32" / 1905MM X 813MM
	M9032(W)	90" X 32" / 2286MM X 813MM
	M10032(W)	100" X 32" / 2540MM X 813MM

Section width coverage of a Cylinder Airbag can be increased by also using a Flat Airbag inside the tyre setup.

	PRODUCT CODES	TYRE SECTIONS
CYLINDER AIRBAGS CYLINDER AIR BAGS ARE AVAILABLE IN ANY SIZE. THEY CAN BE MADE WITH EDGE VALVES IF REQUIRED AND CUSTOM SIZES ARE AVAILABLE UPON REQUEST.	TR910/11W	8.25" TO 12.00" (TRRS)
	TR911/13W	8.25" TO 12.00" (TRDD)
	TR1212W	10.00" TO 12.00"
	TR1214/20W	12.00" TO 14.00"
	TR1315/20W	13.00" TO 17.5"
	TR1921/20W	19.00" TO 21.00"
	M1220	12.00" TO 14.00"
	M1518/24(W)	15.00" TO 18.00"
	M1721/24(W)	18.00" TO 21.00"
	M2124/24(W)	21.00" TO 24.00"
	M2427/32(W)	24.00" TO 27.00"
	M2732/32(W)	27.00" TO 32.00"
	M3336/32(W)	33.00" TO 36.00"
	M3842/32(W)	38.00" TO 42.00"
	M4447/32(W)	44.00" TO 47.00"
	M5054/32(W)	50.00" TO 54.00"
	MVN911/18W	FOR SM180, V14, SM250, 400AST, 440AST
FLAT ROUND AIRBAGS	TR1315/15W	365/80 TO 445/65
	TR1618/18W	445/50

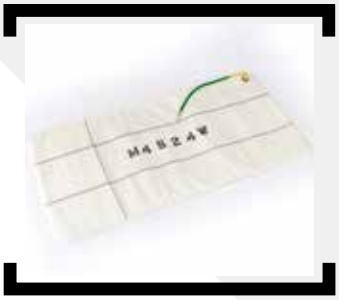
KEY
TO ORDER INDIVIDUAL AIRBAG COMPONENTS PLEASE ORDER USING THE FOLLOWING SUFFIX:

B	BLADDER [I.E 'M4824W B']
CS	COVER SET
IC	INNER COVER
MC	MIDDLE COVER
OC	OUTER COVER
W	INDICATES THE AIRBAG CAN BE ORDERED WITH AN ELASTICATED WINDOW ADD A W IF YOU REQUIRE THIS OPTION

AIRBAG ACCESSORIES

	PRODUCT CODES	DESCRIPTION	SIZE
REPLACEMENT HOSES	MVS5001/220	SMALL AIRBAG HOSE (BLUE)	0.3M
	MVS5001/221	SMALL AIRBAG HOSE (GREEN)	0.3M
	MVS5001/222	SMALL AIRBAG HOSE (BLACK)	0.3M
	MVS5001/207	AIRBAG HOSE (BLUE)	0.5M
	MVS5001/208	AIRBAG HOSE (GREEN)	0.5M
	MVS5001/209	AIRBAG HOSE (BLACK)	0.5M
	MVS5001/214	XL AIRBAG HOSE (BLUE)	1.0M
	MVS5001/215	XL AIRBAG HOSE (GREEN)	1.0M
	MVS5001/216	XL AIRBAG HOSE (BLACK)	1.0M
	MVS5001/223	XXL AIRBAG HOSE (BLUE)	2.0M
	MVS5001/224	XXL AIRBAG HOSE (GREEN)	2.0M
	MVS5001/225	XXL AIRBAG HOSE (BLACK)	2.0M
	MVS5001/201	EDGE VALVE HOSE	

	PRODUCT CODES	DESCRIPTION
ASSORTED	MVS5001/213	AIRBAG HOSE STOPPER (STOPPER FOR STORING AIRBAGS PARTIALLY INFLATED)
	MVS4000/101	AIRBAG WASHER
	MVS4000/102	AIRBAG RUBBER WASHER
	MVS4000/103	AIRBAG NUT
	MVS4000/111	AIRBAG CUP WASHER
	MVS5000/127	90° VALVE FITTING FOR EXTERNAL CURING PACKS
	MVS5000/128	BLANKING VALVE CAP



DID YOU KNOW?

Replacing the Outer Covers when they are showing signs of wear is a cost effective way to maximise the life an Airbag.

NEW
NOW AVAILABLE IN R-TYPE
Enquire for details

EXTERNAL CURING PACKS, HARNESS GUIDES & STRAPS

WE OFFER A SELECTION OF HARNESS GUIDES AND STRAPS TO SECURE THE MONAFLEX SYSTEM IN PLACE.

Monaflex straps are custom designed to offer enormous breaking strains whilst remaining light weight. Please refer to the Application Charts for tyre specific requirements.

	PRODUCT CODES	DESCRIPTION
EXTERNAL CURING PACKS [FLAT AIRBAGS WITH INTEGRAL STRAP GUIDES FOR EASY PRESSURE APPLICATION ON THE OUTSIDE OF THE TYRE]	TR2213E	USE WITH TROC 4 STRAP SET
	TR2621E	USE WITH TROC 5XL STRAP SET
	TR3021E	USE WITH TROC 5XL STRAP SET
	M4832E	USE WITH M45/6/7 (1HG) GUIDE AND STRAPS
	M4642E	USE WITH M45/6/7 (1HG) GUIDE AND STRAPS
	M5432E	USE WITH M45/6/7 (1HG) GUIDE AND STRAPS
NEW R-TYPE CURING PACKS	TRR2213E	USE WITH TROC 4 STRAP SET
	TRR2621E	USE WITH TROC 5XL STRAO SET
	MR4832E	USE WITH M45/6/7 (1HG) GUIDE AND STRAPS
OTR HARNESS PACKS	M45/6	OTR HARNESS ASSEMBLY (HG2, HG3 & SIX OTR STRAPS)
	M45/6/7	XL OTR HARNESS ASSEMBLY (HG2, HG3 & SIX XL OTR STRAPS)
	M45/6 (1HG)	ECP OTR HARNESS ASSEMBLY (HG4 AND SIX OTR STRAPS)
	M45/6/7 (1HG)	ECP XL OTR HARNESS ASSEMBLY (HG4 AND SIX XL OTR STRAPS)
	HG2	RUBBER GUIDE (600X350MM, INCLUDES STRAP GUIDE COVER)
	HG3	RUBBER GUIDE (600X400MM, INCLUDES STRAP GUIDE COVER)
	HG4	RUBBER GUIDE (800X400MM, INCLUDES STRAP GUIDE COVER)
STRAPS	INDIVIDUAL STRAPS:	
	TROC	TRUCK STRAP (2.5M, OVER CENTRE FASTENING, BLUE)
	TROC XL	XL TRUCK STRAP (3.5M, OVER CENTRE FASTENING, RED)
	M45/6 (1)	OTR STRAP (5M, RATCHET FASTENING, BLUE)
	M45/6/7 (1)	XL OTR STRAP (7M, RATCHET FASTENING, RED)
	SETS OF STRAPS:	
	TROC 3	SET OF THREE TROC STRAPS (USE WITH TR219E)
	TROC 4	SET OF FOUR TROC STRAPS (USE WITH TR2213E)
	TROC 5	SET OF SIX TROC STRAPS (USE WITH TR2621E)
	TROC 5XL	SET OF SIX TROC XL STRAPS (USE WITH TR2621E)

LUG FILLERS

A VARIETY OF USEFUL SIZED LUG FILLER BAGS TO FILL OUT TREAD GAPS WHEN USING THE MONAFLEX SYSTEM.

When repairing tyres with large tread gaps it is essential to fill out these spaces with a suitable filler to prevent damage to the Heat Pads and ensure even pressure on the repair.

Monaflex Lug Filler Bags have canvas tabs which enable the user to staple the bags into place for ease of use. They also contain aluminium which facilitates rapid heat transfer.

Six sized filler bags are included per set (22 total):

PRODUCT CODES	DESCRIPTION
MVS1900/273	MONAFLEX LUG FILLERS
MVS1900/280	OTR-XL [2 PER SET] WITH TABS 14" X 3"
MVS1900/281	OTR-L [4 PER SET] WITH TABS 10" X 3"
MVS1900/282	OTR-M [4 PER SET] WITH TABS 8" X 4"
MVS1900/283	OTR-S [4 PER SET] WITH TABS 5" X 3"
MVS1900/284	OTR-XS [4 PER SET] NO TABS 6" X 2"
MVS1900/285	OTR-XXS [4 PER SET] NO TABS 8" X 1.5"

WHY USE MONAFLEX?

A superior repair every time:

Higher quality, longer lasting repairs

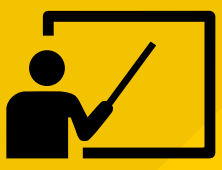
Technical support

Portable

Quick

Flexible

Easy to use



Training

Tough

See pages 2-7 for further details.

MONAFLEX
TYRE REPAIR SYSTEMS

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