

DMACK

MOTORSPORT RANGE 2019



 **MADE
IN THE UK**

ALL TYRES ARE MANUFACTURED IN THE UNITED KINGDOM

//WELCOME TO THE DMACK MOTORSPORT RANGE

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DMACK has been an authorised tyre supplier to the FIA World Rally Championship since 2011. Its team has over 100 years of motorsport experience and has developed a full range of competition tyres, designed and built in the UK, with an emphasis on providing premium brand performance.

In 2012 DMACK became one of only four tyre manufacturers to score a fastest overall stage time in the World Rally Championship.

Since then, the company has built on its extensive experience as a WRC supplier, taken overall victories in the FIA European Rally Championship and many other national championships.

In 2017 DMACK competed at the very top level of the WRC using a completely new range of asphalt and gravel products. The team led three WRC events, won stages on nine rallies and took its first ever WRC victory when Elfyn Evans won Wales Rally GB.

The WRC construction technology and performance compounds are incorporated across the full range of customer products.

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DMACK

// TECHNICAL

INFORMATION

DMACK uses the following terms to describe its tyres:

205/65 R15 DMG+22 GS63

205	Width of tyre section in mm
65	Aspect ratio
R	Radial construction
15	Wheel rim diameter in inches
DMG+22	Tread pattern
GS63	Tyre compound

DMACK's gravel compounds use the following coding:

GS63

GS	Type (gravel soft or gravel hard)
6	Hardness (2,4,6 or 8)
3	Version

DMACK's asphalt compounds use the following coding:

XS6+

XS	Hardness (W, XS, S, M or H)
6	Version
+	Denotes a WRC specific compound



SAFETY NOTES

Please use the recommended width of wheel for each tyre. Asymmetric tyres must be used on the correct side, left or right, to maintain safety and performance.

Cutting of tyre treads can be used to optimise performance but will alter the tyre's characteristics.



GRAVEL RANGE

Delivering grip, traction and puncture resistance

TREAD TECHNOLOGY & DESIGN

- 1 NEW TREAD DESIGN**
 - Optimised durability creating improved wear across tread
- 2 ASYMMETRIC TREAD**
 - Delivering lateral grip and superior traction
- 3 REINFORCED SIDEWALL**
 - Providing high impact resistance
- 4 PERFORMANCE COMPOUNDS**
 - Latest technology with proven results
- 5 ADVANCED CONSTRUCTION**
 - Giving greater precision and confidence



RECOMMENDED APPLICATION

Ensure you get the best performance by choosing the correct tyres for the conditions. Below is a breakdown of how we recommend you apply our range to a variety of gravel situations.

Compound		Tread Temp. Opt. Range (°C)	Surface			Condition			Ambient Temp (°C)							Pressure		
Hardness	Type		Soft/Sandy (Smooth)	Packed (Abrasive)	Hard/Rocky (v. Abrasive)	Wet	Damp	Dry	-5	0	5	10	15	20	25	30+	Cold	Hot
Extra Soft	GS8	10 - 50	■	■		■	■	■	■	■	■	■	■	■	■	■	1.8 - 2.0	2.0 - 2.2
Soft	GS6	40 - 70	■	■		■	■	■	■	■	■	■	■	■	■	■	1.8 - 2.0	2.0 - 2.2
Medium	GH4	60 - 100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1.8	2.2 - 2.3
Hard	GH2	80 - 130	■	■	■	■	■	■	■	■	■	■	■	■	■	■	1.7 - 1.8	2.2 - 2.4

// DMG+22



The DMG+22 has been one of DMACK's most successful gravel tyres. Introduced in 2017, it was used to win the Junior WRC, the British Rally Championship, the South American Rally Championship, American Rally Association Championship and steered Elfyn Evans to a first WRC victory.

With upgraded performance compounds, it is available in a range of sizes to suit all cars from R1 to R5 and is homologated for both international and national championships.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
175/70 R15	GS8 GS6 GH4 GH2	622mm	165mm	187mm	(6) 7
185/70 R15	GS8 GS6 GH4 GH2	633mm	170mm	188mm	6 (7)
195/65 R15	GS8 GS6 GH4 GH2	633mm	170mm	188mm	6 (7)
195/70 R15	GS8 GS6 GH4 GH2	647mm	180mm	195mm	6 (7)
205/65 R15	GS8 GS6 GH4 GH2	647mm	180mm	204mm	6.5 (7)

// DMG CLASSIC

The DMG Classic will be available during 2019 in a number of smaller sizes and features an asymmetric pattern suitable for use on both left and right sides of historic cars.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
165/80 R13	GS8 GS6 GH4 GH2	590mm	140mm	165mm	5.5 (6) 6.5
185/70 R13	GS8 GS6 GH4 GH2	590mm	160mm	185mm	6 (7)
175/70 R14	GS8 GS6 GH4 GH2	595mm	146mm	170mm	5.5 (6) 7
185/65 R14	GS8 GS6 GH4 GH2	598mm	160mm	185mm	6 (7)

// DMG+2



The DMG+2 is the latest evolution tyre used by WRC competitors. It has a more closed tread pattern and deeper tread blocks for enhanced durability and tougher construction to protect against heavy impacts.

This tyre is well proven on WRC events having scored 30 overall stage wins and led six events outright during 2016 and 2017.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
215/65 R15	GS8 GS6 GH4 GH2	647mm	185mm	212mm	7 8



ASPHALT RANGE

Delivering sealed surface performance and safety

TREAD TECHNOLOGY & DESIGN

- 1 NEW TREAD DESIGN**
 - Offering both grip and water dispersion
- 2 WIDER PROFILE**
 - Giving greater contact footprint
- 3 OPTIMISED WEIGHT**
 - For the best possible performance
- 4 UPGRADED COMPOUNDS**
 - To deliver traction in a range of conditions
- 5 ADVANCED CONSTRUCTION**
 - Providing high lateral stability



RECOMMENDED APPLICATION

Ensure you get the best performance by choosing the correct tyres for the conditions. Below is a breakdown of how we recommend you apply our range to a variety of asphalt situations.

Compound			Surface			Condition			Ambient Temp (°C)							Pressure		
Hardness	Type	Tread Temp. Opt. Range (°C)	Smooth	Medium	Abrasive	Wet	Damp	Dry	-5	0	5	10	15	20	25	30+	Cold	Hot
Rain	w	20 - 60	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	1.9 - 2.1	2.2 - 2.5
Extra Soft	XS	10 - 50	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	1.9 - 2.0	2.1 - 2.3
Soft	S	40 - 70	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	1.8	2.1 - 2.3
Medium	M	60 - 100	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	1.8	2.1 - 2.4
Hard	H	90 - 130	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	1.7	2.1 - 2.4

// DMT-RC22



With a wider profile, optimised weight and enhanced water dispersion, the new DMT-RC22 has been homologated for use in the WRC.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
225/40 R18	XS+ / S+ / M+ / H+	647mm	220mm	226mm	7.5 (8) 9

// DMT-RC2



The DMT-RC2 is an all new performance tyre for R1 to R5 cars competing in both national and international championships. It is available in sizes from 15 to 18 inch, in a range of performance compounds to suit all conditions. The DMT-RC2 is E-marked.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
195/50 R15	XS / S / M / H	580mm	195mm	200mm	6.5 (7)
195/50 R16	XS / S / M / H	605mm	195mm	200mm	6 (7) 7.5
205/45 R17	XS / S / M / H	620mm	198mm	201mm	6.5 (7) 7.5
225/40 R18	XS / S / M / H	647mm	205mm	226mm	7.5 (8) 9

// DMT-F CLASSIC



The DMT-F Classic is new for 2019 and features a single, asymmetric tread pattern specifically designed to work in dry, mixed and wet conditions and to meet future FIA historic rally regulations. The new compounds have been taken from development in WRC and this range is E-marked.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
225/45 R13	XS / S / M / H	530mm	210mm	226mm	8 (9) 10
215/45 R15	XS / S / M / H	575mm	205mm	222mm	7.5 (8) 9
235/40 R17	XS / S / M / H	612mm	221mm	242mm	8 (8.5) 9

// DMT-W



The all new DMT-W is designed specifically to cope with standing water and wet asphalt. The symmetrical pattern features deep grooves to clear water but still retains large surface blocks, allowing it to be used in drying conditions.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
225/40 R18	W5+	647mm	205mm	226mm	7.5 (8) 9
225/40 R18	WXS	647mm	205mm	226mm	7.5 (8) 9

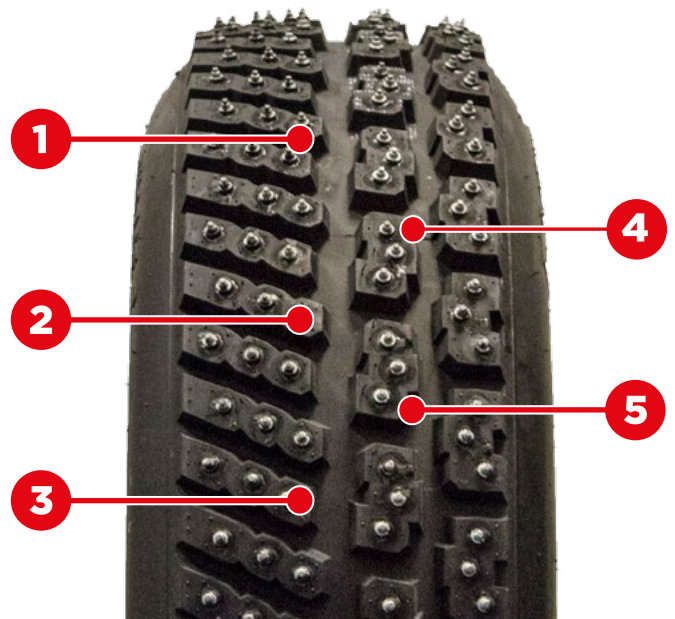


WINTER RANGE

Delivering traction in tough conditions

TREAD TECHNOLOGY & DESIGN

- 1 NEW TREAD DESIGN**
 - Directional pattern optimised for stud retention
- 2 ULTRA STIFF COMPOUND**
 - For extremely high stud rigidity
- 3 NEW STUD MATERIAL**
 - With advanced design and protrusion
- 4 UPGRADED STUDDING SYSTEM**
 - Using latest technology and bonding
- 5 ADVANCED CONSTRUCTION**
 - For greater high-speed stability



// DMG-ICE2



With a brand new directional pattern developed for the WRC, the DMG-ICE2 has the latest compound and studding technology with a complete focus on stud retention.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
205/65 R15	ICE SUB	650mm	147mm	200mm	6.5 (7) 7.5

The following sizes are also available for national championships.

Size	Tread Pattern	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
145/80 R15	DMG ICE	616mm	120mm	160mm	3.5 (4.5) 6
110/650 R16	W77	650mm	108mm	152mm	4.5 (5) 5.5

// DMT-ICE2 STUDED



The DMT-ICE2 in studded form features 200 metal pins with a new profile, implantation and bonding system. The directional pattern is optimised with strong shoulder blocks delivering high lateral stability on Tarmac.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
195/50 R16	ICE SUB	605mm	170mm	195mm	6 (7) 7.5
225/40 R18	ICE SUB	646mm	195mm	222mm	7.5 (8) 8.5

// DMT-ICE2 UNSTUDED



With greater siping density, the unstudded tyre has excellent performance on both loose and compact snow.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
195/50 R16	ICE SUB	605mm	170mm	195mm	6 (7) 7.5
225/40 R18	ICE SUB	646mm	195mm	222mm	7.5 (8) 8.5



// RAID RANGE

Delivering performance in extreme conditions

// RAID SURFER



The all-new Raid Surfer has been specifically designed to tackle tough desert conditions commonly seen on rally raid, baja and cross-country events.

The tread pattern has been devised to find maximum grip in sand and loose gravel conditions while the construction offers both high-speed stability and is reinforced with Kevlar for maximum strength and puncture resistance. It is available in hard and soft compounds.

Size	Compound	Overall Diameter	Tread Width	Section	Wheel Size (optimum)
245/80 R16	Soft / Hard	802mm	198mm	245mm	7





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