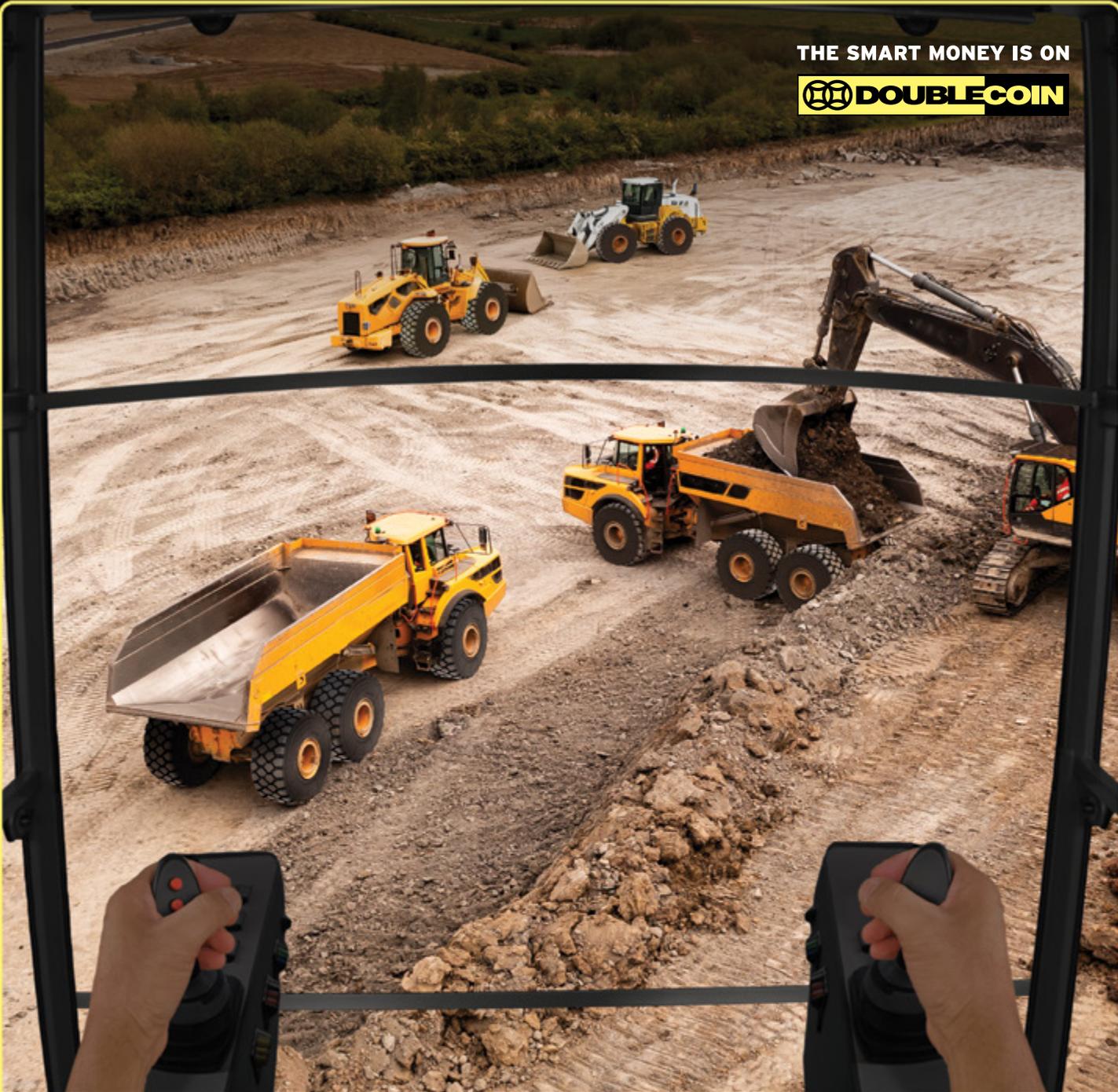


THE SMART MONEY IS ON



# OFF-THE-ROAD TIRE DATA

AND REFERENCE BOOK



# OTR TIRES DESIGNED TO DELIVER SUPERIOR PERFORMANCE

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We say, “The Smart Money is on Double Coin.” When it comes to investing in quality and performance, Double Coin is a trusted and intelligent option in the tire market. Double Coin offers a comprehensive number of high-quality Radial OTR tire products engineered to the industry’s highest standards.

Every Radial OTR tire is built to provide optimum performance and increased tire life through uniform wear, as well as an enhanced ride and handling for operator comfort. We aim to become the tire partner you turn to, year after year, by continually earning your trust and supporting you throughout the life of your tires.



## CONSTRUCTION, MINING, PORT, AND AIRPORT



Grading



Mobile Crane



Skid Steer



Earthmover



Haulage



Loader



Industrial/Port



Intermodal



Ground Support  
Equipment

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(G2)

- Bridgestone VUT
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**REM-2**  
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- Camso AIR 561 (Bias)
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(IND)



- Bridgestone VCH

# REM-1



## (G2) GRADER

Double Coin engineered this radial Off-The-Road tire with a multi-purpose tread design for exceptional traction and even wear. The wide footprint of this OTR offers excellent flotation while also ensuring a smooth ride.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM    | SINGLE MAX LOAD/PRESSURE | WEIGHT      | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|--------|--------------------------|-------------|------|
| 1107113241   | 13.00R24  | REM-1   | ★TG         | 40               | 25              | 51                    | 14                 | 38                  | 8.00TG | 6600lb/54psi             | 247lb/112kg | TL   |
| 1107114241   | 14.00R24  | REM-1   | ★TG         | 40               | 25              | 54                    | 15                 | 38                  | 8.00TG | 8030lb/54psi             | 285lb/129kg | TL   |

# REM-2



## (E3/L3) EARTHMOVER/LOADER TIRE

The Double Coin REM-2 Off-The-Road radial features an aggressive self-cleaning tread design. Engineered to deliver a smooth ride and superior traction in all types of terrain, the REM-2 is an OEM Certified OTR with an advanced casing design that promotes retreadability.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE       | WEIGHT        | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------------|---------------|------|
| 1107167251   | 17.5R25   | REM-2   | ★★          | 50<br>10         | 30<br>5         | 53                    | 18                 | 34                  | 14.00/1.5 | 11990lb/76psi<br>18700lb/94psi | 347lb/157kg   | TL   |
| 1107160251   | 20.5R25   | REM-2   | ★★          | 50<br>10         | 30<br>5         | 58                    | 21                 | 39                  | 17.00/2.0 | 16060lb/76psi<br>25300lb/94psi | 510lb/231kg   | TL   |
| 1107163251   | 23.5R25   | REM-2   | ★★          | 50<br>10         | 30<br>5         | 64                    | 24                 | 45                  | 19.50/2.5 | 20350lb/76psi<br>31900lb/94psi | 741lb/336kg   | TL   |
| 1107166252   | 26.5R25   | REM-2   | ★★          | 50<br>10         | 30<br>5         | 69                    | 27                 | 47                  | 22.00/3.0 | 25300lb/76psi<br>40700lb/94psi | 1021lb/463kg  | TL   |
| 1107162955   | 29.5R25   | REM-2   | ★★          | 50<br>10         | 30<br>5         | 73                    | 29                 | 50                  | 25.00/3.5 | 30800lb/76psi<br>49280lb/94psi | 1295lb/587kg  | TL   |
| 1107167565   | 750/65R25 | REM-2   | ★★          | 50<br>10         | 30<br>5         | 64                    | 30                 | 54                  | 24.00/3.0 | 23320lb/61psi<br>40700lb/90psi | 1015lb/460kg  | TL   |
| 1107167765   | 775/65R29 | REM-2   | ★★          | 50<br>10         | 30<br>5         | 68.9                  | 30.3               | 58                  | 24.00/3.5 | 26730lb/62psi<br>45320lb/94psi | 1048lb/475kg  | TL   |
| 1107168765   | 875/65R29 | REM-2   | ★★          | 50<br>10         | 30<br>5         | 73.8                  | 35                 | 60                  | 28.00/3.5 | 34100lb/62psi<br>56650lb/94psi | 1478lb/ 670kg | TL   |

# REM-10



## (E3+/L3+) HAULAGE/ARTICULATED TIRE

The OEM Certified REM-10 OTR tire features a multi-function, non-directional tread design for optimum performance. Designed for the rugged needs of articulating trucks, the REM-10 OTR is built with a unique center block tread design, that delivers superior off-the-road traction, and a smooth ride in all types of terrain.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE       | WEIGHT       | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------------|--------------|------|
| 1087106252   | 26.5R25   | REM-10  | ★★          | 50<br>10         | 30<br>5         | 69                    | 27                 | 51                  | 22.00/3.0 | 25300lb/76psi<br>40700lb/94psi | 1021lb/463kg | TL   |
| 1087102955   | 29.5R25   | REM-10  | ★★          | 50<br>10         | 30<br>5         | 74                    | 29                 | 55                  | 25.00/3.5 | 30800lb/76psi<br>30800lb/76psi | 1317lb/597kg | TL   |

# REM-12



## (L5) MINING LOADER TIRE

Built with special cut/chip resistant compounds to withstand severe rock mining applications and promote long-term retreadability, the Double Coin REM-12 OTR has a unique non-directional tread design for optimum performance, and superior traction.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT       | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|--------------|------|
| 1107127252   | 17.5R25   | REM-12  | ★★          | 10               | 5               | 55                    | 19                 | 84                  | 14.00/1.5 | 15620lb/73psi            | 554lb/251kg  | TL   |
| 1107126253   | 26.5R25   | REM-12  | ★★          | 10               | 5               | 71                    | 27                 | 116                 | 22.00/3.0 | 33000lb/65psi            | 1449lb/657kg | TL   |
| 1107122956   | 29.5R25   | REM-12  | ★★          | 10               | 5               | 75                    | 31                 | 126                 | 25.00/3.5 | 39600lb/65psi            | 1866lb/864kg | TL   |

# REM-2S



**NEW  
TIRE**

## (E2/L2/G2) EARTHMOVER/LOADER/ GRADER

The REM-2S is an all-weather/mud and snow (M+S) radial OTR tire designed with a wide, non-directional tread pattern for increased traction and year-round performance, especially in snow and ice conditions. The tread siping allows for increased traction in severe and icy conditions, while the wide tread blocks are designed for a flatter footprint and longer tire life. These features make it an excellent choice in earthmover, loader and grader applications.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE               | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE         | WEIGHT      | TYPE |
|--------------|-------------------------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|----------------------------------|-------------|------|
| 1107174241   | 14.00R24<br>(385/95R24) | REM-2S  | ★★          | 50<br>10         | 30<br>5         | 54                    | 16                 | 30                  | 10.00     | 12320lb/101psi<br>20900lb/115psi | 298lb/135kg | TL   |
| 1107174251†  | 14.00R25<br>(385/95R25) | REM-2S  | ★★          | 80               | 50              | 53.5                  | 15.5               | 30                  | 10.00/1.5 | 13230lb/131psi                   | 335lb/152kg | TL   |
| 1107177251   | 17.5R25                 | REM-2S  | ★★          | 50<br>10         | 30<br>5         | 53                    | 18                 | 36                  | 14.00/1.5 | 11990lb/76psi<br>18700lb/94psi   | 347lb/157kg | TL   |
| 1107170251   | 20.5R25                 | REM-2S  | ★★          | 50<br>10         | 30<br>5         | 58                    | 21                 | 39                  | 17.00/2.0 | 16060lb/76psi<br>25300lb/94psi   | 510lb/231kg | TL   |
| 1107173251   | 23.5R25                 | REM-2S  | ★★          | 50<br>10         | 30<br>5         | 64                    | 24                 | 43                  | 19.50/2.5 | 20350lb/65psi<br>31900lb/83psi   | 708lb/321kg | TL   |

\* Mud and Snow

† DOT approved

# REM-9



## (E4) HAULAGE TIRE

The Double Coin REM-9 OTR radial design offers special compounds to withstand severe mining applications, extend tire life and promote long-term retreadability. The REM-9 OTR tire is designed with a non-directional center rib tread pattern for enhanced off-the-road traction. Its deep tread depth also provides extended tread life in a wide variety of conditions.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN   | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE       | WEIGHT       | TYPE |
|--------------|-----------|-----------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------------|--------------|------|
| 1087206255** | 26.5R25   | REM-9 (A) | ★★          | 50<br>10         | 30<br>5         | 70                    | 27                 | 69                  | 22.00/3.0 | 25300lb/76psi<br>40700lb/94psi | 1191lb/540kg | TL   |
| 1087202958** | 29.5R25   | REM-9 (A) | ★★          | 50<br>10         | 30<br>5         | 75                    | 30                 | 76                  | 25.00/3.5 | 30800lb/76psi<br>49280lb/94psi | 1434lb/650kg | TL   |

\*\*E4/L4

| PRODUCT CODE | TIRE SIZE | PATTERN   | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT       | TYPE |
|--------------|-----------|-----------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|--------------|------|
| 1087201833   | 18.00R33  | REM-9 (A) | ★★          | 50               | 30              | 73                    | 20                 | 69                  | 13.00/2.5 | 23980lb/102psi           | 1037lb/470kg | TL   |
| 1087201834   | 18.00R33  | REM-9 (S) | ★★          | 50               | 30              | 73                    | 20                 | 69                  | 13.00/2.5 | 23980lb/102psi           | 1037lb/470kg | TL   |
| 1087201835   | 18.00R33  | REM-9 (B) | ★★          | 50               | 30              | 73                    | 20                 | 69                  | 13.00/2.5 | 23980lb/102psi           | 1037lb/470kg | TL   |
| 1087202452   | 24.00R35  | REM-9 (A) | ★★          | 50               | 30              | 85                    | 26                 | 87                  | 17.00/3.5 | 40700lb/102psi           | 1713lb/777kg | TL   |
| 1087202453   | 24.00R35  | REM-9 (S) | ★★          | 50               | 30              | 85                    | 26                 | 87                  | 17.00/3.5 | 40700lb/102psi           | 1713lb/777kg | TL   |
| 1087202454   | 24.00R35  | REM-9 (B) | ★★          | 50               | 30              | 85                    | 26                 | 87                  | 17.00/3.5 | 40700lb/102psi           | 1713lb/777kg | TL   |
| 1087202135   | 21.00R33  | REM-9 (B) | ★★          | 50               | 30              | 77                    | 22                 | 69                  | 15.00/3.0 | 30864lb/102psi           | 1251lb/567kg | TL   |

Compounds: **A** cut/chip; **S** standard; **B** heat

# REM-18



## (L5) LOADER TIRE

The Double Coin REM-18 radial OTR is built for severe loader applications. This OTR tire is constructed with special chip and cut resistant compounds to promote extended original tread life and long-term retreadability.

Designed with a wide footprint and center rib for stability, the REM-18 OTR features a directional tread design for increased forward traction.



**EXPLORE**

| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT        | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|---------------|------|
| 1087183532   | 35/65R33  | REM-18  | ★★          | 10               | 5               | 81                    | 37                 | 123                 | 28.00/3.5 | 60076lb/94psi            | 1026kg/2255lb | TL   |

# REM-8



## (MCS) HIGH-SPEED CRANE TIRE

The REM-8 high-speed crane OTR tire is U.S. DOT approved for on-highway use. The OEM Certified REM-8 is designed with a universal tread pattern to improve traction and deliver a more comfortable ride.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE               | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT      | TYPE |
|--------------|-------------------------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|-------------|------|
| 1117184241   | 14.00R24<br>(385/95R24) | REM-8   | ★★★         | 70               | 43              | 54                    | 16                 | 31                  | 10.00W    | 13948lb/144psi           | 294lb/133kg | TT   |
| 1117184251   | 14.00R25<br>(385/95R25) | REM-8   | ★★★         | 70               | 43              | 54                    | 16                 | 31                  | 10.00/1.5 | 13948lb/144psi           | 298lb/135kg | TL   |
| 1117186251   | 16.00R25<br>(445/95R25) | REM-8   | ★★★         | 70               | 43              | 59                    | 17                 | 33                  | 11.25/2.0 | 16280lb/130psi           | 461lb/209kg | TL   |
| 1117196251   | 16.00R25<br>(445/95R25) | REM-8   | ★★          | 80               | 50              | 59                    | 17                 | 33                  | 11.25/2.0 | 14740lb/130psi           | 448lb/203kg | TL   |
| 1117190251   | 20.5R25<br>(525/80R25)  | REM-8   | ★★          | 70               | 43              | 59                    | 21                 | 39                  | 17.00/2.0 | 17065.4lb/101psi         | 525lb/238kg | TL   |
| 1117190252   | 525/80R25<br>(20.5R25)  | REM-8   | ★★          | 80               | 50              | 59                    | 21                 | 39                  | 17.00/2.0 | 15620lb/101psi           | 525lb/238kg | TL   |

For Technical Service Bulletins, please refer to page 22

# REM-3



## (SS) SKID STEER TIRE

The Double Coin REM-3 OTR features a special uni-directional tread design for maximum traction in Off-the-Road skid loader applications. Its radial design offers optimum performance and increased tire life, as well as an enhanced ride and handling.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM  | SINGLE MAX LOAD/PRESSURE | WEIGHT    | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|------|--------------------------|-----------|------|
| 1106340650   | 10R16.5   | REM-3   | 128A5       | 25               | 15              | 30                    | 10                 | 23                  | 8.25 | 3900lb/54psi             | 71lb/32kg | TL   |
| 1106342650   | 12R16.5   | REM-3   | 141A5       | 25               | 15              | 33                    | 12                 | 29                  | 9.75 | 5600lb/54psi             | 93lb/42kg | TL   |

# REM-6



## (IND) INDUSTRIAL LUG TIRE

The Double Coin REM-6 radial design delivers optimum performance and traction in industrial lug, crane and port applications. The REM-6 is engineered with special tread compounds to run cool, fight rapid wear and deliver remarkable stability.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT      | TYPE    |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|-------------|---------|
| 1106355086   | 5.00R8    | REM-6   | 111A5       | 25               | 15              | 18                    | 5                  | 31                  | 3.00D     | 2398lb/145psi            | 23lb/10kg   | T&F     |
| 1106356096   | 6.00R9    | REM-6   | 121A5       | 25               | 15              | 21                    | 6                  | 31                  | 4.00E     | 3190lb/145psi            | 38lb/17kg   | T&F     |
| 1106356505   | 6.50R10   | REM-6   | 128A5       | 25               | 15              | 23                    | 7                  | 34                  | 5.00      | 3968lb/145psi            | 45lb/20kg   | T&F     |
| 1106357026   | 7.00R12   | REM-6   | 136A5       | 25               | 15              | 26                    | 7                  | 35                  | 5.00S     | 4928lb/145psi            | 60lb/27kg   | T&F     |
| 1106353156   | 315/70R15 | REM-6   | 165A5       | 25               | 15              | 33                    | 12                 | 45                  | 8.00      | 11330lb/145psi           | 131lb/59kg  | TL, T&F |
| 1106357056   | 7.00R15   | REM-6   | 143A5       | 25               | 15              | 29                    | 8                  | 35                  | 5.50      | 5995lb/145psi            | 71lb/32kg   | T&F     |
| 1106357556   | 7.50R15   | REM-6   | 146A5       | 25               | 15              | 30                    | 8                  | 38                  | 6.00      | 6600lb/145psi            | 82lb/37kg   | T&F     |
| 1106358255   | 8.25R15   | REM-6   | 153A5       | 25               | 15              | 33                    | 9                  | 40                  | 6.50      | 8050lb/145psi            | 104lb/47kg  | T&F     |
| 1106352275   | 225/75R15 | REM-6   | 149A5       | 25               | 15              | 28                    | 9                  | 31                  | 7.00      | 7150lb/145psi            | 71lb/32kg   | T&F     |
| 1106352575   | 250/70R15 | REM-6   | 153A5       | 25               | 15              | 29                    | 10                 | 33                  | 7.00      | 8030lb/145psi            | 78lb/35kg   | T&F     |
| 1106351006   | 10.00R20  | REM-6   | 166A5       | 25               | 15              | 42                    | 12                 | 44                  | 7.50      | 11660lb/145psi           | 192lb/87kg  | T&F     |
| 1106351206   | 12.00R20  | REM-6   | 176A5       | 25               | 15              | 45                    | 13                 | 52                  | 8.50      | 19570lb/145psi           | 245lb/111kg | T&F     |
| 1106351246   | 12.00R24  | REM-6   | 178A5       | 25               | 15              | 49                    | 13                 | 49                  | 8.50      | 20670lb/145psi           | 278lb/126kg | T&F     |
| 1106354241   | 14.00R24  | REM-6   | 193A5       | 25               | 15              | 56                    | 15                 | 81                  | 10.00     | 27340lb/145psi           | 512lb/232kg | T&F     |
| 1106354242   | 14.00R24  | REM-6   | 193A5       | 25               | 15              | 56                    | 15                 | 81                  | 10.00     | 27340lb/145psi           | 512lb/232kg | TL      |
| 1106351825   | 18.00R25  | REM-6   | 207A5       | 25               | 15              | 65                    | 20                 | 81                  | 13.00/2.5 | 46480lb/145psi           | 915lb/415kg | TL      |

# REM-4



**NEW  
TIRE**

## (GSE) GROUND SUPPORT EQUIPMENT

The REM-4 industrial tire, is an excellent choice for Ground Support Equipment (GSE). This drive position tire is designed with traction in mind. The durable all-steel radial casing tire delivers a larger footprint for a longer tread life, making it a reliable option for GSE operations from airport tarmacs to industrial ports. With longevity and cost-efficiency in focus, the REM-4 ensures dependable and efficient performance for GSE vehicles.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM   | SINGLE MAX LOAD/PRESSURE | WEIGHT        | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-------|--------------------------|---------------|------|
| 1106407026   | 7.00R12   | REM-4   | 136A5       | 25               | 15              | 26.3                  | 7.5                | 34                  | 5.00S | 4938lb/145psi            | 58.4lb/26.5kg | TT   |

# REM-26



**NEW  
TIRE**

## (GSE) GROUND SUPPORT EQUIPMENT

The REM-26 industrial tire, designed for steer positions, is the go-to choice for Ground Support Equipment (GSE). With excellent traction and stability, it ensures reliable performance from airport tarmacs to industrial ports. Built for durability and longevity, this all-steel radial casing tire delivers high performance at a lower cost per hour, making it an essential asset in the aviation industry.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM   | SINGLE MAX LOAD/PRESSURE | WEIGHT        | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-------|--------------------------|---------------|------|
| 1106266096   | 6.00R9    | REM-26  | 121A5       | 25               | 15              | 21                    | 6.4                | 25                  | 4.00E | 3197lb/145psi            | 34.8lb/15.8kg | TT   |

# REM-17



## (IND) INDUSTRIAL LUG TIRE

The Double Coin REM-17 radial design promotes optimum performance, wear and stability in industrial lug and port environments. This tire is engineered with special tread compounds to fight rapid wear and enhance traction in all port applications.

**EXPLORE**



| PRODUCT CODE | TIRE SIZE | PATTERN | LOAD SYMBOL | SPEED MAX (KM/H) | SPEED MAX (MPH) | OVERALL DIAMETER (IN) | SECTION WIDTH (IN) | TREAD DEPTH (32NDS) | RIM       | SINGLE MAX LOAD/PRESSURE | WEIGHT      | TYPE |
|--------------|-----------|---------|-------------|------------------|-----------------|-----------------------|--------------------|---------------------|-----------|--------------------------|-------------|------|
| 1106371625   | 16.00R25  | REM-17  | 200A5       | 25               | 15              | 59                    | 17                 | 70                  | 11.25/2.0 | 30860lb/145psi           | 265kg/585lb | TL   |

# SERVICE INFORMATION

## DOUBLE COIN FOR GRADER SERVICE – 40 KM/H (25 MPH) MAXIMUM SPEED

Grader  
DISTANCE – Unlimited

| TIRE SIZE DESIGNATION | KPA | 200  | 225  | 250  | 275  | 300  | 325  | 350  | 375   |
|-----------------------|-----|------|------|------|------|------|------|------|-------|
|                       | PSI | 29   | 33   | 36   | 40   | 44   | 47   | 51   | 54    |
| 13.00R24              | KG  | 1850 | 2000 | 2180 | 2360 | 2500 | 2650 | 2800 | 3000* |
|                       | LB  | 4080 | 4400 | 4800 | 5200 | 5520 | 5840 | 6150 | 6600* |
| 14.00R24              | KG  | 2240 | 2430 | 2650 | 2800 | 3000 | 3250 | 3350 | 3650* |
|                       | LB  | 4940 | 5360 | 5840 | 6150 | 6600 | 7150 | 7400 | 8050* |

| MAXIMUM SPEED    | % LOAD CHANGE FROM ABOVE TABLE |
|------------------|--------------------------------|
| 40 KM/H (25 MPH) | NO CHANGE                      |
| 50 KM/H (30 MPH) | -9%                            |

| MAXIMUM SPEED    | % LOAD CHANGE FROM ABOVE TABLE |
|------------------|--------------------------------|
| 60 KM/H (35 MPH) | -18%                           |
| 65 KM/H (40 MPH) | -27%                           |

| MAXIMUM EXCESS LOADS |           |
|----------------------|-----------|
| LOAD                 | PRESSURE* |
| 15%                  | 30%       |
| 7%                   | 14%       |

## DOUBLE COIN ROAD SLOW SPEED SERVICE – 10 KM/H (5 MPH) MAXIMUM SPEED

Loaders, Dozers, Lift Trucks & Straddle Carriers  
DISTANCE – Up to 76 m (250 feet) one way

| TIRE SIZE DESIGNATION | KPA | 400   | 425   | 450   | 475   | 500    | 525   | 550   | 575   | 600   | 625   | 650    |
|-----------------------|-----|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
|                       | PSI | 58    | 62    | 65    | 69    | 73     | 76    | 80    | 83    | 87    | 91    | 94     |
| 17.5R25               | KG  | 6000  | 6150  | 6500  | 6700  | 7100*  | 7300  | 7500  | 7750  | 8000  | 8250  | 8500*  |
|                       | LB  | 13200 | 13600 | 14300 | 14800 | 15700* | 16100 | 16500 | 17100 | 17600 | 18200 | 18700* |
| 20.5R25               | KG  | 8000  | 8250  | 8750  | 9000  | 9500*  | 9750  | 10000 | 10300 | 10900 | 11200 | 11500* |
|                       | LB  | 17600 | 18200 | 19300 | 19800 | 20900* | 21500 | 22000 | 22700 | 24000 | 24700 | 25400* |
| 23.5R25               | KG  | 10300 | 10600 | 11200 | 11500 | 12150* | 12500 | 12850 | 13200 | 13600 | 14000 | 14500* |
|                       | LB  | 22700 | 23400 | 24700 | 25400 | 26800* | 27600 | 28300 | 29100 | 30000 | 30900 | 32000* |
| 26.5R25               | KG  | 12850 | 13200 | 14000 | 14500 | 15000* | 15500 | 16000 | 16500 | 17000 | 18000 | 18500* |
|                       | LB  | 28300 | 29100 | 30900 | 32000 | 33100* | 34200 | 35300 | 36400 | 37500 | 39700 | 40800* |
| 29.5R25               | KG  | 15500 | 16000 | 17000 | 17500 | 18000* | 19000 | 19500 | 20000 | 20600 | 21200 | 22400* |
|                       | LB  | 34200 | 35300 | 37500 | 38600 | 39700* | 41900 | 43000 | 44100 | 45400 | 46700 | 49400* |

| MAXIMUM SPEED   | % LOAD CHANGE FROM ABOVE TABLE |
|-----------------|--------------------------------|
| STATIONARY      | +60%                           |
| CREEP           | +30%                           |
| 4 KM/H (2½ MPH) | +15%                           |

| MAXIMUM SPEED    | % LOAD CHANGE FROM ABOVE TABLE |
|------------------|--------------------------------|
| 10 KM/H (5 MPH)  | NO CHANGE                      |
| 5 KM/H (10 MPH)  | -13%                           |
| 25 KM/H (15 MPH) | -20%                           |

| MAXIMUM EXCESS LOADS |           |
|----------------------|-----------|
| LOAD                 | PRESSURE* |
| 15%                  | 30%       |
| 7%                   | 14%       |

\* If excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads. For each 1% increase in load, cold inflation pressure must be increased by 2%. Cold inflation pressure shall not exceed 800 kPa (116 psi). Any loads higher than the listed max or an increase of air beyond 116 psi need the written approval of CMA ROTR department.

# SERVICE INFORMATION

## DOUBLE COIN ROAD HAULAGE SERVICE – 50 KM/H (30 MPH) MAXIMUM SPEED

Earthmover (Haulage) Vehicles

DISTANCE - Up to 4 km (2.5 miles) one way

| TIRE SIZE DESIGNATION | KPA | 275   | 300   | 325   | 350   | 375    | 400   | 425   | 450   | 475   | 500   | 525    |
|-----------------------|-----|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
|                       | PSI | 40    | 44    | 47    | 51    | 54     | 58    | 62    | 65    | 69    | 73    | 76     |
| 17.5R25               | KG  | 3350  | 3500  | 3750  | 4000  | 4125   | 4375  | 4625  | 4750  | 5000  | 5150  | 5450*  |
|                       | LB  | 7400  | 7850  | 8250  | 8800  | 9100   | 9650  | 10200 | 10500 | 11000 | 11400 | 12000* |
| 20.5R25               | KG  | 4375  | 4750  | 5000  | 5300  | 5600   | 5800  | 6150  | 6500  | 6700  | 6900  | 7300*  |
|                       | LB  | 9650  | 10500 | 11000 | 11700 | 12300  | 12800 | 13600 | 14300 | 14800 | 15200 | 16100* |
| 23.5R25               | KG  | 5600  | 6000  | 6500  | 6700  | 7100   | 7500  | 7750  | 8250  | 8500  | 9000  | 9250*  |
|                       | LB  | 12300 | 13200 | 14300 | 14800 | 15700  | 16500 | 17100 | 18200 | 18700 | 19800 | 20400* |
| 26.5R25               | KB  | 7100  | 7500  | 8000  | 8500  | 9000*  | 9500  | 9750  | 10300 | 10600 | 11200 | 11500* |
|                       | LB  | 15700 | 16500 | 17600 | 18700 | 19800* | 20900 | 21500 | 22700 | 23400 | 24700 | 25400* |
| 29.5R25               | KG  | 8500  | 9250  | 9750  | 10300 | 10900  | 11500 | 11800 | 12500 | 12850 | 13600 | 14000* |
|                       | LB  | 18700 | 20400 | 21500 | 22700 | 24000  | 25400 | 26000 | 27600 | 28300 | 30000 | 30900* |

| TIRE SIZE DESIGNATION | KPA | 450   | 475    | 500   | 525   | 550   | 575   | 600    | 625    | 650    | 675    | 700     |
|-----------------------|-----|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|---------|
|                       | PSI | 65    | 69     | 73    | 76    | 80    | 83    | 87     | 91     | 94     | 98     | 102     |
| 13.00R24              | KG  | 3350  | 3550*  | 3650  | 3750  | 3875  | 4125  | 4250   | 4375   | 4500   | 4625   | 4750*   |
|                       | LB  | 7400  | 7850*  | 8050  | 8250  | 8550  | 9100  | 9350   | 9650   | 9900   | 10200  | 10500*  |
| 14.00R24              | KG  | 4000  | 4125*  | 4375  | 4500  | 4625  | 4750  | 5000   | 5150   | 5300   | 5450   | 5600*   |
|                       | LB  | 8800  | 9100*  | 9650  | 9900  | 10200 | 10500 | 11000  | 11400  | 11700  | 12000  | 12300*  |
| 16.00R25              | KG  | 5150  | 5450*  | 5600  | 5800  | 6000  | 6300  | 6500   | 6700   | 6900   | 7100   | 7300*   |
|                       | LB  | 11400 | 12000* | 12300 | 12800 | 13200 | 13900 | 14300  | 14800  | 15200  | 15700  | 16100*  |
| 18.00R33              | KG  | 7750  | 8000*  | 8500  | 8750  | 9000  | 9250  | 9750   | 10000  | 10300  | 10600  | 10900*  |
|                       | LB  | 17100 | 17600* | 18700 | 19300 | 19800 | 20400 | 21500  | 22000  | 22700  | 23400  | 24000*  |
| 21.00R33              | KG  | 10000 | 10300  | 10900 | 11200 | 11500 | 11800 | 12500  | 12850  | 13200  | 13600  | 14000*  |
|                       | LB  | 22000 | 22700  | 24000 | 24700 | 25400 | 26000 | 27600  | 28300  | 29100  | 30000  | 30900*  |
| 24.00R35              | KG  | 13200 | 13600  | 14000 | 14500 | 15500 | 16000 | 16500  | 17000  | 17500  | 18000  | 18500*  |
|                       | LB  | 29100 | 30000  | 30900 | 32000 | 34200 | 35300 | 36400  | 37500  | 38600  | 39700  | 40800*  |
| 27.00R49              | KG  | 19500 | 20000* | 20600 | 21800 | 22400 | 23000 | 23600  | 25000  | 25750  | 26500  | 27250*  |
|                       | LB  | 43000 | 44100* | 45400 | 48100 | 49400 | 50700 | 52000  | 55100  | 56800  | 58400  | 60000*  |
| 37.00R57              | KG  | 37500 | 38750* | 40000 | 41250 | 43750 | 45000 | 46250  | 47500  | 48750  | 50000  | 51500*  |
|                       | LB  | 82500 | 85500* | 88000 | 91000 | 96500 | 99000 | 102000 | 104500 | 107500 | 110000 | 113500* |

| MAXIMUM SPEED    | % LOAD CHANGE FROM ABOVE TABLE |
|------------------|--------------------------------|
| 50 KM/H (30 MPH) | *                              |
| 45 KM/H (28 MPH) | +2%                            |
| 40 KM/H (25 MPH) | +3%                            |
| 35 KM/H (22 MPH) | +4%                            |

| MAXIMUM SPEED    | % LOAD CHANGE FROM ABOVE TABLE |
|------------------|--------------------------------|
| 30 KM/H (18 MPH) | +6%                            |
| 25 KM/H (16 MPH) | +8%                            |
| 20 KM/H (10 MPH) | +10%                           |
| 15 KM/H (9 MPH)  | +12%                           |

| MAXIMUM EXCESS LOADS |           |
|----------------------|-----------|
| LOAD                 | PRESSURE* |
| 15%                  | 30%       |
| 7%                   | 14%       |

\* If excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads. For each 1% increase in load, cold inflation pressure must be increased by 2%. Cold inflation pressure shall not exceed 800 kPa (116 psi). Any loads higher than the listed max or an increase of air beyond 116 psi need the written approval of CMA ROTR department.

# ENGINEERING GUIDE

## INTERNATIONAL LOAD INDEX NUMBERS, KILOGRAM LOADS, AND TRA EQUIVALENT POUND LOADS

Not Applicable to Passenger Car or Truck-Bus Tires

| LI | KG   | LB  | LI  | KG   | LB   | LI  | KG   | LB    | LI  | KG    | LB    | LI  | KG     | LB     |
|----|------|-----|-----|------|------|-----|------|-------|-----|-------|-------|-----|--------|--------|
| U  | 45   | 99  | 56  | 224  | 495  | 112 | 1120 | 2470  | 168 | 5600  | 12300 | 224 | 28000  | 61500  |
| 1  | 46.2 | 102 | 57  | 230  | 505  | 113 | 1150 | 2540  | 169 | 5800  | 12800 | 225 | 29000  | 64000  |
| 2  | 47.5 | 105 | 58  | 236  | 520  | 114 | 1180 | 2600  | 170 | 6000  | 13200 | 226 | 30000  | 66000  |
| 3  | 48.7 | 107 | 59  | 243  | 535  | 115 | 1215 | 2680  | 171 | 6150  | 13600 | 227 | 30750  | 68000  |
| 4  | 50   | 110 | 60  | 250  | 550  | 116 | 1250 | 2760  | 172 | 6300  | 13900 | 228 | 31500  | 69500  |
| 5  | 51.5 | 114 | 61  | 257  | 565  | 117 | 1285 | 2830  | 173 | 6500  | 14300 | 229 | 32500  | 71500  |
| 6  | 53   | 117 | 62  | 265  | 585  | 118 | 1320 | 2910  | 174 | 6700  | 14800 | 230 | 33500  | 74000  |
| 7  | 54.5 | 120 | 63  | 272  | 600  | 119 | 1360 | 3000  | 175 | 6900  | 15200 | 231 | 34500  | 76000  |
| 8  | 56   | 123 | 64  | 280  | 615  | 120 | 1400 | 3080  | 176 | 1100  | 15700 | 232 | 35500  | 78500  |
| 9  | 58   | 118 | 65  | 190  | 640  | 121 | 1450 | 3200  | 177 | 7300  | 16100 | 233 | 36500  | 80500  |
| 10 | 60   | 132 | 66  | 300  | 660  | 111 | 1500 | 3300  | 178 | 7500  | 16500 | 234 | 37500  | 82500  |
| 11 | 61.5 | 136 | 67  | 307  | 675  | 123 | 1550 | 3420  | 179 | 7750  | 17100 | 235 | 38750  | 85500  |
| 12 | 63   | 139 | 68  | 315  | 695  | 124 | 1600 | 3520  | 180 | 8000  | 17600 | 236 | 40000  | 88000  |
| 13 | 65   | 143 | 69  | 325  | 715  | 125 | 1650 | 3640  | 181 | 8250  | 18200 | 237 | 41250  | 91000  |
| 14 | 67   | 148 | 70  | 335  | 740  | 126 | 1700 | 3740  | 182 | 8500  | 18700 | 238 | 42500  | 93500  |
| 15 | 69   | 152 | 71  | 345  | 760  | 127 | 1750 | 3860  | 183 | 8750  | 19300 | 239 | 43750  | 96500  |
| 16 | 71   | 157 | 72  | 355  | 785  | 128 | 1800 | 4080  | 184 | 9000  | 19800 | 240 | 45000  | 99000  |
| 17 | 73   | 161 | 73  | 365  | 805  | 129 | 1850 | 4080  | 185 | 9250  | 20400 | 241 | 46250  | 102000 |
| 18 | 75   | 165 | 74  | 375  | 825  | 130 | 1900 | 4180  | 186 | 9500  | 20900 | 242 | 47500  | 104500 |
| 19 | 77.5 | 170 | 75  | 387  | 855  | 131 | 1950 | 4300  | 187 | 9750  | 21500 | 243 | 48750  | 107500 |
| 20 | 80   | 175 | 76  | 400  | 880  | 132 | 2000 | 4400  | 188 | 10000 | 22000 | 244 | 50000  | 110000 |
| 21 | 82.5 | 180 | 77  | 412  | 910  | 133 | 2060 | 4540  | 189 | 10300 | 22700 | 245 | 51500  | 113500 |
| 22 | 85   | 185 | 78  | 425  | 935  | 134 | 2120 | 4680  | 190 | 10600 | 23400 | 246 | 53000  | 117000 |
| 23 | 87.5 | 195 | 79  | 437  | 965  | 135 | 2180 | 4800  | 191 | 10900 | 24000 | 247 | 54500  | 120000 |
| 24 | 90   | 100 | 80  | 450  | 990  | 136 | 2240 | 4940  | 192 | 11200 | 24690 | 248 | 56000  | 123500 |
| 25 | 92.5 | 205 | 81  | 462  | 1020 | 137 | 2300 | 5080  | 193 | 11500 | 25350 | 249 | 58500  | 128000 |
| 26 | 95   | 210 | 82  | 475  | 1050 | 138 | 2160 | 5200  | 194 | 11800 | 26000 | 250 | 60000  | 132500 |
| 27 | 97.5 | 215 | 83  | 487  | 1070 | 139 | 2430 | 5360  | 195 | 12150 | 26750 | 251 | 61500  | 135500 |
| 28 | 100  | 220 | 84  | 500  | 1100 | 140 | 2500 | 5520  | 196 | 12500 | 27550 | 252 | 63000  | 139000 |
| 29 | 103  | 225 | 85  | 515  | 1140 | 141 | 2575 | 5680  | 197 | 12850 | 28300 | 253 | 65000  | 143500 |
| 30 | 106  | 235 | 86  | 530  | 1170 | 142 | 2650 | 5840  | 198 | 13200 | 29000 | 254 | 67000  | 147500 |
| 31 | 109  | 240 | 87  | 545  | 1200 | 143 | 2725 | 6000  | 199 | 13600 | 30000 | 255 | 69000  | 152000 |
| 32 | 112  | 245 | 88  | 560  | 1230 | 144 | 2800 | 6150  | 200 | 14000 | 30900 | 256 | 71000  | 156000 |
| 33 | 115  | 255 | 89  | 585  | 1280 | 145 | 2900 | 6400  | 201 | 14500 | 32000 | 257 | 73000  | 161000 |
| 34 | 118  | 260 | 90  | 600  | 1320 | 146 | 3000 | 6600  | 202 | 15000 | 33100 | 258 | 75000  | 165500 |
| 35 | 121  | 265 | 91  | 615  | 1360 | 147 | 30.5 | 6800  | 203 | 15500 | 34200 | 259 | 77500  | 171000 |
| 36 | 125  | 275 | 92  | 630  | 1390 | 148 | 3150 | 6950  | 204 | 16000 | 35300 | 260 | 80000  | 176500 |
| 37 | 128  | 280 | 93  | 650  | 1430 | 149 | 3250 | 7150  | 205 | 16500 | 36400 | 261 | 82500  | 182000 |
| 38 | 132  | 290 | 94  | 670  | 1480 | 150 | 3350 | 7400  | 206 | 17000 | 37500 | 262 | 85000  | 187500 |
| 39 | 136  | 300 | 95  | 690  | 1520 | 151 | 3450 | 7600  | 207 | 17500 | 38600 | 263 | 87500  | 193000 |
| 40 | 140  | 310 | 96  | 710  | 1570 | 152 | 3550 | 7850  | 108 | 18000 | 39700 | 264 | 90000  | 198500 |
| 41 | 145  | 320 | 97  | 730  | 1610 | 153 | 3650 | 8050  | 209 | 18500 | 40800 | 265 | 92500  | 204000 |
| 42 | 150  | 330 | 98  | 750  | 1650 | 154 | 3750 | 8250  | 210 | 19000 | 41900 | 266 | 95000  | 209500 |
| 43 | 155  | 340 | 99  | 775  | 1710 | 155 | 3875 | 8550  | 211 | 19500 | 43000 | 267 | 97500  | 215000 |
| 44 | 160  | 355 | 100 | 800  | 1760 | 156 | 4000 | 8800  | 212 | 20000 | 44100 | 268 | 100000 | 220500 |
| 45 | 165  | 365 | 101 | 825  | 1820 | 157 | 4125 | 9100  | 213 | 20600 | 45400 | 269 | 103000 | 227000 |
| 46 | 170  | 375 | 102 | 850  | 1870 | 158 | 4250 | 9350  | 214 | 21200 | 46700 | 270 | 106000 | 233500 |
| 47 | 175  | 385 | 103 | 875  | 1930 | 159 | 4375 | 9650  | 215 | 21800 | 48100 | 271 | 109000 | 240500 |
| 48 | 180  | 395 | 104 | 900  | 1980 | 160 | 4500 | 9900  | 216 | 22400 | 49400 | 272 | 112000 | 247000 |
| 49 | 185  | 410 | 105 | 925  | 2040 | 161 | 4625 | 10200 | 217 | 23000 | 50700 | 273 | 115000 | 253500 |
| 50 | 190  | 420 | 106 | 950  | 2090 | 162 | 4750 | 10500 | 218 | 23600 | 52000 | 274 | 118000 | 260000 |
| 51 | 195  | 430 | 107 | 975  | 2150 | 163 | 4875 | 10700 | 219 | 24300 | 53600 | 275 | 121000 | 267000 |
| 52 | 200  | 440 | 108 | 1000 | 2200 | 164 | 5000 | 11000 | 220 | 25000 | 55100 | 276 | 125000 | 275500 |
| 53 | 206  | 455 | 109 | 1030 | 2270 | 165 | 5150 | 11400 | 221 | 25750 | 56800 | 277 | 128500 | 283500 |
| 54 | 212  | 465 | 110 | 1060 | 2340 | 166 | 5300 | 11700 | 222 | 26500 | 58400 | 278 | 132000 | 291000 |
| 55 | 218  | 480 | 111 | 1090 | 2400 | 167 | 5450 | 12000 | 223 | 27250 | 60000 | 279 | 136000 | 300000 |

# TON-MILE-PER-HOUR

## THE TMPH FORMULA

Ton-Miles-Per-Hour (TMPH) measurements and ratings are used as guidelines so that tires do not overheat. It is important to calculate job TMPH requirements before every job. To prevent heat damage and premature tire removal due to excessive heat, make sure tires are rated at or above the job requirements.

Here's the formula to determine the Ton-Mile-Per-Hour Rating: Multiply the Average Tire Load times the Average Shift Speed per hour.

**TMPH Job Rate = Average Tire Load × Average Shift Speed**

$$\text{Average Tire Load} = \frac{\text{"Empty" Tire Load in Tons} + \text{"Loaded" Tire Load in Tons}}{2}$$

$$\text{Average Shift Speed} = \frac{\text{Round Trip Distance in Miles} \times \text{Number of Trips}}{\text{Total Hours (in the shift)}}$$

## SAMPLE TMPH CALCULATION

### CONDITIONS

Empty vehicle tire load = 20,000 pounds (10.0 tons)

Loaded vehicle tire load = 34,000 pounds (17.0 tons)

Number of Hours Worked = 8.0 hours

The shift hauls 15 loads

Each haul is 9.0 miles, round trip

### CALCULATION

$$\text{Average Tire Load} = \frac{10 \text{ Tons} + 17 \text{ Tons}}{2} = 13.5 \text{ Tons}$$

$$\text{Average Shift Speed} = \frac{9 \text{ Miles/Trip} \times 15 \text{ Trips/Shift}}{8.0 \text{ Hours Worked/Shift}} = 16.9 \text{ MPH}$$

**JOB TMPH: 13.5 Tons × 16.9 MPH = 228 TMPH**

## TON-MILES-PER-HOUR SUMMARY

The Ton-Miles-Per-Hour formula helps to maintain optimum performance from Double Coin earthmover tires. TMPH helps you calculate the load-speed-time factor that's within tire temperature specifications. All Double Coin earthmover tires have a designated TMPH limit. Earthmover haul jobs operate at various TMPH rates, based on load, distance and the time involved for round trips. Therefore it is critical to determine each job's haul rate and compare it to each tire's TMPH rate limit.

For haul distances in excess of 20 miles one way, consult your Double Coin Representative.

TKPH (METRIC) = Average Load (Metric Tons) × Average Speed (Km/h)

If electronic vehicle monitors are available for use, Double Coin uses a four hour rolling average TMPH/TKPH to determine SITE requirements.

## CONCLUSION

**To avoid heat issues, tires must have a TMPH rating of 228 or higher.**

If the tires on the machine are rated less than 228:

- Reduce speed
- Reduce load
- Change to tires with a higher TMPH rating

## NOTE

Each tire position on the machine must be calculated and considered. Position with the highest average load should be used.

# IDENTIFICATION OF EARTHMOVER TIRES

## MAXIMUM PLY RATING (PR) AND CORRESPONDING STAR (★) MARKING

| TIRE SIZE            | STAR MARKING | WORK MACHINES PR | TRANSPORT MACHINES PR |
|----------------------|--------------|------------------|-----------------------|
| 7.50R15              |              | 12               |                       |
| 8.25R15              |              | 12               |                       |
| 27×8.50R15           |              |                  |                       |
| 10.00R15             |              |                  |                       |
| 350/65R15*           |              |                  |                       |
| 14.5R15              |              |                  |                       |
| 400/80R15*           |              |                  |                       |
| 10R16.5              |              |                  |                       |
| 12R16.5              |              |                  |                       |
| 18R19.5              | ★            | 16               |                       |
| 9.00R20              |              | 16               |                       |
| 10.00R20             |              | 16               |                       |
| C20PII (11/80R20)*   |              |                  |                       |
| 12.00R20             |              | 18               |                       |
| E20 (13/80R20)*      |              |                  |                       |
| 14.00R20*            |              |                  |                       |
| 16.00R20             |              |                  |                       |
| 525/70R20.5          |              |                  |                       |
| 24R20.5              |              |                  |                       |
| 24R21                |              |                  |                       |
| 15R22.5              | ★            | 16               |                       |
| 18R22.5              | ★            | 16               |                       |
| 12.00R24             | ★★★          | 24               | 24                    |
| 13.00R24 TG          | ★            | 14               |                       |
| 14.00R24 TG          | ★            | 16               |                       |
| 14.00R24             | ★            | 24               |                       |
| 14.00R24             | ★★★          | 28               | 32                    |
| 15.00R24 (17/80R24)* |              |                  |                       |
| 16.00R24 TG          | ★            | 16               |                       |
| 16.00R24             | ★★           |                  | 36                    |
| 555/70R24 TG*        | ★            |                  |                       |

| TIRE SIZE  | STAR MARKING | WORK MACHINES PR | TRANSPORT MACHINES PR |
|------------|--------------|------------------|-----------------------|
| 13.00R25   | ★★★          |                  | 28                    |
| 14.00R25   | ★★★          |                  | 32                    |
| 15.5R25    | ★            |                  | 16                    |
| 16.00R25   | ★★           |                  | 36                    |
| 17.5R25    | ★            | 16               |                       |
| 17.5R25    | ★★           | 20               | 24                    |
| 18.00R25   | ★            | 24               |                       |
| 18.00R25   | ★★           |                  | 36                    |
| 20.5R25    | ★            | 24               |                       |
| 20.5R25    | ★★           |                  | 28                    |
| 550/65R25* | ★            |                  |                       |
| 21.00R25   | ★★           |                  | 40                    |
| 23.5R25    | ★            | 28               |                       |
| 23.5R25    | ★★           |                  | 32                    |
| 600/65R25* | ★            |                  |                       |
| 25/65R25   | ★★           |                  | 32                    |
| 650/65R25* |              |                  |                       |
| 26.5R25    | ★            | 32               |                       |
| 26.5R25    | ★★           |                  | 32                    |
| 750/65R25* |              |                  |                       |
| 29.5R25    | ★            | 34               |                       |
| 29.5R25    | ★★           |                  | 34                    |
| 850/65R25* |              |                  |                       |
| 26.5R29    | ★★           |                  | 34                    |
| 775/65R29* |              |                  |                       |
| 29.5R29    | ★            | 34               |                       |
| 29.5R29    | ★★           |                  | 40                    |
| 30/65R29   | ★            | 28               |                       |
| 33.25R29   | ★★           |                  | 44                    |
| 800/65R29* | ★            |                  |                       |
| 875/65R29* |              |                  |                       |
| 18.00R33   | ★★           |                  | 40                    |
| 21.00R33   | ★★           |                  | 32                    |

| TIRE SIZE   | STAR MARKING | WORK MACHINES PR | TRANSPORT MACHINES PR |
|-------------|--------------|------------------|-----------------------|
| 33.5R33     | ★★           |                  | 44                    |
| 35/65R33    | ★            |                  | 36                    |
| 35/65R33    | ★★           |                  |                       |
| 37.5R33     | ★★           |                  | 48                    |
| 21.00R35    | ★★           |                  | 44                    |
| 24.00R35    | ★★           |                  | 48                    |
| 29.5R35     | ★★           |                  | 40                    |
| 33.25R35    | ★★           |                  | 44                    |
| 37.25R35    | ★★           |                  | 48                    |
| 37.5R39     | ★★           |                  | 52                    |
| 40/65R39    | ★            | 42               |                       |
| 40.5/75R39  | ★★           |                  | 54                    |
| 45/65R39*   | ★            |                  |                       |
| 45/65R45    | ★            | 50               |                       |
| 24.00R49    | ★★           |                  | 48                    |
| 27.00R49    | ★★           |                  | 54                    |
| 31/80R49*   | ★★           |                  |                       |
| 30.00R51    | ★★           |                  | 64                    |
| 33.00R51    | ★★           |                  | 68                    |
| 36.00R51    | ★★           |                  | 74                    |
| 27.00R56.5* | ★★           |                  |                       |
| 37.00R57*   | ★★           |                  |                       |
| 40.00R57    | ★★           |                  | 78                    |
| 44/80R57*   | ★★           |                  |                       |
| 50/80R57*   | ★★           |                  |                       |
| 55/80R57*   | ★            |                  |                       |
| 50/90R57*   | ★★           |                  |                       |
| 60/80R57*   |              |                  |                       |
| 53/80R63*   | ★★           |                  |                       |
| 55/80R63*   | ★★           |                  |                       |
| 58/80R63*   | ★★           |                  |                       |
| 56/80R63*   | ★★           |                  |                       |
| 59/80R63*   | ★★           |                  |                       |

\* No corresponding ply rating in these sizes which are only made in radial construction

# TECHNICAL SERVICE BULLETINS

## OTR TECHNICAL SERVICE BULLETIN

July 1, 2009 – TSB-0901

### Double Coin Technical Bulletin for all models of Radial Off-The-Road Tires

Please be advised that the following guidelines should be followed when utilizing any Double Coin Small, Large or Giant Radial Off-The-Road (OTR) Tires:

- Any increase in air pressure beyond 116psi requires approval from CMA OTR Department prior to placing tires in service

- Published inflation pressures specified in Double Coin Data Book are cold inflation pressure only and are at prevailing atmospheric pressure
- Please refer to Tire and Rim Association (TRA) data as a reference only when using Double Coin OTR tires
- Please refer to TRA recommendations for Gross Vehicle Weight (GVW)
- Vehicle Weight plus Load = GVW

- Each application will vary depending on density of material, speed, distance, etc.; refer to TRA guidelines for proper inflation

If you have any questions concerning these or other guidelines for Double Coin OTR products, please contact Double Coin/CMA engineering.

**Double Coin/CMA Technical Inquiry Line  
1-888-226-5250**

## REM-8 TECHNICAL SERVICE BULLETIN

January 1, 2012 – TSB0112

### Double Coin Technical Bulletin for REM-8 High Speed Mobile Crane Tires; Restricted Speeds and Distances

Please be advised of the following guidelines when utilizing any Double Coin REM-8 High Speed Mobile Crane tires.

#### Restricted Maximum Speed:

- All REM-8 tires have a maximum speed rating of 55 mph (88.5 kph).
- REM-8 tires are not rated to exceed 55 mph (88.5 kph) under any circumstance or any load or pressure.

#### Restricted Maximum Distance:

- Double Coin engineering documents state if a mobile crane is in continuous movement or travel speeds for one hour or more, different limitations apply.
- In continuous travel, tires may not travel over 40 miles in one hour (65 kilometers in one hour).
- Double Coin recommends a cool down period of 15 minutes per hour for long distance travel.

These restrictions are on all REM-8 tires, regardless of size. Evidence of excess speed/distance may void the Double Coin warranty on these tires.

If you have any questions concerning these or other guidelines on Double Coin REM-8 High Speed Mobile Crane products, please contact Double Coin/CMA engineering.

**Double Coin/CMA Technical Inquiry Line  
1-888-226-5250**

# LIMITED MANUFACTURER'S WARRANTY

## LIMITED WARRANTY

Double Coin Radial Off-The-Road Limited  
Manufacturer's Warranty January 1, 2018

## WHO IS ELIGIBLE FOR WARRANTY COVERAGE

You are eligible for the benefits of this warranty if you meet all the following criteria:

- You are the owner or authorized agent of the owner of new Double Coin Radial OTR tires.
- Your Double Coin Radial OTR tires are not branded "NA" (Not Adjustable).
- Your Double Coin Radial OTR tires have been used only on the equipment on which they were originally installed according to the equipment manufacturers or Double Coin's recommendations. Your tires were purchased on or after January 1, 2006.

## WHAT IS COVERED UNDER THIS WARRANTY AND FOR HOW LONG

### PRORATED TIRE REPLACEMENT

Double Coin Radial OTR tires covered by this warranty that become unserviceable due to a defect in workmanship or material during the life of the original usable tread will be reimbursed to the owner on a prorated basis. The life of the original usable tread is defined by when the tire tread has worn down to 10% of the original tread depth, at which point the tire is considered to be fully worn out.

- The defective Double Coin tire must be replaced with a comparable new Double Coin tire by an authorized Double Coin Radial OTR tire dealer.
- Blemished, Non-Adjustable (stamped on tire), re-treads or road hazard tires are specifically excluded

## HOW TO CALCULATE THE PRORATED AMOUNT

The replacement price will be calculated by multiplying the current Double Coin "predetermined price for adjustment" or current advertised selling price at the adjustment location (whichever is lower) by the percentage of usable original tread that has been worn off at the time of adjustment. Please refer to the chart below for calculation of prorated credit. You pay for mounting and any other applicable taxes and fees for the comparable new Double Coin replacement tire.

## WHAT THIS WARRANTY DOES NOT COVER

Irregular wear or tire damage due to:

- Road hazards (including punctures, cuts, snags, impact breaks, etc.)
- Wreck, collision, or fire.
- Improper inflation, overloading, high speed spinup,

misapplication, misuse, negligence, racing, chain damage, or improper mounting or demounting.

- Mechanical condition of the equipment.
- Tires with weather cracking are not covered.
- This limited warranty is applicable only in the United States, Mexico, and Canada. Any tire used or equipped on equipment registered or operated outside the U.S., Mexico, and Canada are not covered by this warranty.
- Tire branded or marked "Non-Adjustable" (N/A) or "Blemished" (Blem), or previously adjusted.

Failure, damage, or irregular wear due to:

- Accident or vandalism
- Mechanical condition of equipment
- Misapplication of tire
- Alteration of the tire or addition of alien material or transfer from one machine equipment to another
- Loss of time or use, inconvenience, or any incidental or consequential damages
- Material added to a tire after leaving a factory producing Double Coin tires: (example: tire fillers, sealants, or balancing substance). If the added material is the cause of the tire being removed from service, the tire will not be adjusted.
- Loss of time, inconvenience, loss of use of equipment, incidental or consequential damage.

## YOUR LEGAL RIGHTS

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you.

No representative or dealer has authority to make any representation, promise, or agreement on behalf of Double Coin, except as stated herein.

Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. Under no circumstances is this warranty a representation that a tire failure cannot occur.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

This limited warranty is applicable only in the United States, Mexico, and Canada.

## TO OBTAIN AN ADJUSTMENT

- You must present the tire to be adjusted to a current Double Coin Radial OTR Tire Dealer. (Please consult your telephone directory for locations or visit our dealer locator on our web at [www.doublecointires.com](http://www.doublecointires.com)).
- You must pay for taxes, fees or any additional services you order at the time of adjustment.

- No claim will be recognized unless submitted on a Double Coin claim form (supplied by the Double Coin Tire Dealer), completely filled out and signed by you, the owner of the tire presented for adjustment, or your authorized agent.

## FOR SERVICE ASSISTANCE OR INFORMATION

- First contact the nearest Authorized Double Coin Radial OTR Tire Dealer.
- If additional assistance is required:
  - Visit our website at: [www.doublecointires.com](http://www.doublecointires.com)
  - E-mail the Double Coin Customer Relations Department at: [info@doublecointires.com](mailto:info@doublecointires.com) or
  - Write to:
    - Double Coin Customer Assistance Service Department
    - 406 E. Huntington Drive, Suite 200
    - Monrovia, CA 91016

## SAFETY WARNINGS

Serious injury or property damage may result from:

- TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING.
- TIRE FAILURE DUE TO EXCESSIVE HIGH SPEED.
- EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING. Only specially-trained persons should mount tires.
- FAILURE TO MOUNT RADIAL TIRES ON APPROVED RIMS
- FAILURE TO DEFLATE SINGLE OR DUAL ASSEMBLIES COMPLETELY BEFORE DISMOUNTING.
- TIRE SPINNING. On slippery surfaces such as snow, mud, ice, etc., do not spin tires. Personal injury and severe damage may result from excessive wheel spinning, including tire disintegration or axle failure.

## DOUBLE COIN

406 E. Huntington Drive, Suite 200  
Monrovia, CA 91016  
1-888-226-5250  
[www.DoubleCoinTires.com](http://www.DoubleCoinTires.com)

## AMOUNT OF CREDIT ISSUED TO THE CUSTOMER FOR WORKMANSHIP AND MATERIAL CONDITIONS

| AGE OF TIRE           | PERCENTAGE OF ORIGINAL TREAD DEPTH REMAINING |            |            |            |            |            |            |           |
|-----------------------|--|------------|------------|------------|------------|------------|------------|-----------|
|                       | 81% TO 100%                                  | 71% TO 80% | 61% TO 70% | 51% TO 60% | 41% TO 50% | 31% TO 40% | 21% TO 30% | 0% TO 20% |
| Less than 180 days    | Actual%                                      | 70%        | 60%        | 50%        | 40%        | 30%        | 20%        | 0%        |
| 180 days to 1 year    | 80%  | 70%        | 60%        | 50%        | 40%        | 30%        | 10%        | 0%        |
| Less than two years   | 75%  | 65%        | 60%        | 50%        | 40%        | 30%        | 10%        | 0%        |
| Less than three years | 50%  | 50%        | 40%        | 40%        | 40%        | 30%        | 10%        | 0%        |
| Less than four years  | 40%  | 30%        | 30%        | 30%        | 30%        | 20%        | 10%        | 0%        |
| Less than five years  | 20%  | 20%        | 20%        | 20%        | 20%        | 20%        | 10%        | 0%        |
| More than five years  | 0%   | 0%         | 0%         | 0%         | 0%         | 0%         | 0%         | 0%        |

**TIE  
FO**

**DOUBLE COIN**





**RES BUILT  
OR EVERY**

**LOAD  
SITE**

**TERRAIN**

**TASK**

**OPERATOR**



**THE SMART MONEY IS ON**



Corporate office:  
406 E. Huntington Drive, Suite 200  
Monrovia, CA 91016 USA

Tel: 1 (888) 226-5250

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[www.DoubleCoinTires.com](http://www.DoubleCoinTires.com)