

SCHELKMANN GIANT TYRES



PROFILÜBERSICHT
TREAD RANGE

50
YEARS

SR55D / E4**truck mining**

150% Profiltiefe, lange Laufleistung sowie guter Schutz gegen Verletzungen durch hochschnittfeste Gummimischung. 150% tread depth specially designed for dump trucks operating in highly abrasive environment.

**NEU NEW****SR60N / E3
SR60D / E4
truck mining**

Nicht laufrichtungsgebundenes robustes Profildesign, ideal für verschleißintensive Einsätze. Non-directional and robust tread design, is ideal in high wear rate operations.

**SR63N / E3
SR63D / E4
truck traction**

Kompaktes Profil mit hervorragenden Traktionseigenschaften und ausgezeichneter Selbstreinigung. Compact tread design, offers good traction and excellent self-cleaning characteristics.

**SR64N / E3****truck traction**

Griffiges Profil für knickgelenkte Dumper auf losem, rutschigen Untergrund. Hervorragende Selbstreinigung. Good traction characteristics, with excellent self-cleaning capabilities for articulated dump trucks, running on loose and slippery surfaces.

**SR66D / E4****truck traction**

Einsatz wie SR64N, 150% Profiltiefe für niedrigeren Stundenkostensatz. Similar to SR64N with 150% tread depth profile and good cost / hour rates.

**SR74N / L3****loader traction**

Der Allrounder-Reifen für universelle Lade- und Transporteinsätze. Excellent 'All-Round Tyre' for all general purpose loading and transportation applications.

**SR75D / L4****loader traction**

Einsatz wie SR74N, 150% Profiltiefe für niedrigeren Stundenkostensatz. Similar to SR74N with 150% tread depth profile and good cost / hour rates.

**SR80D / L4****loader traction**

Laufrichtungsgebundenes Profil mit 150% Profiltiefe für härteste Einsätze. Hohe Traktionseigenschaften mit niedrigen Stundenkostensatz. Directional design with 150% tread depth profile for very harsh conditions, offering excellent traction characteristics.

**SR81SD / L5****loader traction**

Laufrichtungsgebundenes Profil mit 250% Profiltiefe für härteste Einsätze. Hohe Traktionseigenschaften mit niedrigen Stundenkostensatz. Directional design with 250% tread depth profile for very harsh conditions, offering excellent traction characteristics.

**SR82SD / L5****loader mining**

Nicht laufrichtungsgebundenes L5 Profil mit 250% Profiltiefe und widerstandsfähiger Lauffläche. Geeignet für härteste Einsätze. Non-directional L5 cut-resistant tread design with deeper 250% tread depth profile, is suitable for all tough operations.

**SR83D / L4****loader mining**

Nicht laufrichtungsgebundenes L4 Profil mit 150% Profiltiefe. Hoher Schutz gegen Einfahr- und Schnittverletzungen. Non-directional L4 design with 150% tread depth profile, provides excellent protection against cut and rock damage.

**NEU NEW****SR83SD / L5****loader mining**

Nicht laufrichtungsgebundenes L5 Profil mit 250% Profiltiefe. Extrem hoher Schutz gegen Einfahr- und Schnittverletzungen. Non-directional L5 design with 250% tread depth profile, provides extremely high protection against cut and rock damage.

**Winter / E3 L3****loader & trucks**

Reifen mit hervorragender Traktion auf Eis und Schnee. Tread design with excellent traction on snow and ice.

**SR78N / L3
SR79K / L4****loader smooth**

Reifen für den Einsatz ohne Traktionserfordernisse mit extrem hohem Schutz gegen Einfahr- und Schnittverletzungen. Tyre with extremely high protection against cut and rock damage, but without any traction characteristics.


















| Einsatzbereich Field of application | Profile Treads | Breite x Länge in mm pro Segment Width x length in mm per segment | Profiltiefe in mm Tread depth in mm | Ca.-Gewicht in kg/Segment Approx. weight in kg/segment | Gesamtgewicht kg/Reifen Total weight kg/tyre |
|--|--|--|--|---|---|
| Radlader/Muldenkipper Wheel loaders/dump trucks | SR 74 N L3 100%, loader traction | | | | |
| 15.5R25 | 330 | 330 x 910 | 22 | 8 | 34 |
| 14.00R25 | | | | | 36 |
| 16.00R25 | | | | | 40 |
| 20.5R25 | | | | | 70 |
| 525/80R25 | 450 | 450 x 750 | 30 | 12.5 | 67 |
| 18.00R25 | | | | | 80 |
| 18.00R33 | | | | | 90 |
| 23.5R25 | | | | | 112 |
| 25/65R25 | 530 | 530 x 770 | 42 | 18 | 99 |
| 555/70R25 | | | | | 97 |
| 21.00R25 | | | | | 136 |
| 625/70R25 | | | | | 102 |
| 26.5R25 | 600 | 600 x 800 | 36 | 20 | 123 |
| 705/70R25 | | | | | 113 |
| 24.00R35 | | | | | 135 |
| 24.00R49 | | | | | 158 |
| 29.5R25 | 680 | 680 x 760 | 44 | 27 | 165 |
| 29.5R29 | | | | | 207 |
| 30/65R25 | | | | | 141 |
| 30/65R29 | | | | | 157 |
| 750/65R25 | | | | | 141 |
| 27.00R49 | | | | | 243 |
| Radlader/Muldenkipper Wheel loaders/dump trucks | SR 75 D L4 150%, loader traction | | | | |
| 15.5R25 | 370 | 370 x 820 | 37 | 13,5 | 63 |
| 17.5R25 | | | | | 67 |
| 20.5R25 | | | | | 96 |
| 555/70R25 | 450 | 450 x 720 | 47 | 16 | 98 |
| 18.00R25 | | | | | 104 |
| 18.00R33 | | | | | 120 |
| 23.5R25 | 530 | 530 x 755 | 52 | 21 | 128 |
| 25/65R25 | | | | | 118 |
| 21.00R35 | | | | | 162 |
| 24.00R35 | | | | | 232 |
| 24.00R49 | 600 | 600 x 825 | 69 | 31 | 270 |
| 26.5R25 | | | | | 180 |
| 26.5R29 | | | | | 190 |
| 705/70R25 | 600 | 600 x 825 | 58 | 30 | 167 |
| 29.5R25 | | | | | 255 |
| 29.5R29 | | | | | 265 |
| 30/65R25 | | | | | 225 |
| 30/65R29 | | | | | 242 |
| 755/70R25 | | | | | 227 |
| 27.00R49 | 375 | | | | |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 80 D L4 150%, loader traction | | | | |
| 23.5R25 | 530 | 530 x 680 | 49 | 22 | 155 |
| 26.5R25 | 610 | 610 x 680 | 53 | 25 | 194 |
| 29.5R25 | 700 | 700 x 690 | 58 | 25 | 256 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 81 SD L5 250%, loader traction | | | | |
| 20.5R25 | 480 | 480 x 640 | 72 | 21 | 140 |
| 23.5R25 | 560 | 560 x 640 | 72 | 24 | 172 |
| 26.5R25 | 610 | 610 x 680 | 80 | 33 | 224 |
| 29.5R25 | 700 | 700 x 750 | 95 | 49 | 340 |
| 29.5R29 | 700 | 700 x 750 | 95 | 49 | 340 |
| 30/65R29 | 700 | 700 x 750 | 95 | 49 | 390 |
| 35/65R33 | 880 | 880 x 750 | 97 | 61 | 472 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 82 SD L5 250%, loader mining | | | | |
| 23.5R25 | 550 | 550 x 670 | 86 | 35 | 233 |
| 26.5R25 | 620 | 620 x 670 | 86 | 38 | 265 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 83 D L4 150%, loader mining | | | | |
| 20.5R25 | 460 | 460 x 800 | 44 | 21 | 116 |
| 23.5R25 | 550 | 550 x 792 | 51 | 29 | 170 |
| 26.5R25 | 610 | 610 x 872 | 53 | 36 | 213 |
| 29.5R25 | 700 | 700 x 912 | 58 | 47 | 282 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 83 SD L5 250%, loader mining | | | | |
| 17.5R25 | 445 | 445 x 760 | 70 | 23 | 121 |
| 20.5R25 | 470 | 470 x 760 | 70 | 24 | 144 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 60 N L4 150%, loader mining | | | | |
| 45/65R39 | 1000 | 1000 x 876 | 67 | 74 | 640 |
| 45/65R45 | 1000 | 1001 x 876 | 67 | 74 | 666 |
| Radlader/Felseinsatz Wheel loaders/rock application | SR 60 D L5 250%, loader mining | | | | |
| 45/65R39 | 1000 | 1000 x 876 | 97 | 97,5 | 812 |
| 45/65R45 | 1000 | 1001 x 876 | 97 | 97,5 | 845 |



SCHELKMANN

GIANT TYRES

MADE FROM EXPERIENCE

| | | | | |
|---|---|---|---|---|
| Profile für Muldenkipper Treads for dump trucks | SR 55 D | SR 60 D | SR 63 N | SR 63 D |
| |  |  |  |  |
| | SR 74 N | SR 75 D | SR 80 D | SR 81 SD |
| |  |  |  |  |
| Profile für Radlader & Transportgeräte Treads for Wheel loaders & trucks | SR 82 SD | SR 83 D | SR 83 SD | Winter |
| |  |  |  |  |
| Profile für Dumper Treads for dumper | SR 64 N | SR 66 D | SR 68 D | |
| |  |  |  | |
| | | | | |
| Profile in Vorbereitung Treads in progress | 35/65R33 SR 80 D 880 | 45/65R39/45 SR 80 D 1000 | 45/65R39/45 SR 81 SD 1000 | 53/80R63 SR 60 D 1200 |
| | | | | |
| | | | | |
| | | | | |

| Einsatzbereich Field of application | Profile Treads | Breite x Länge in mm pro Segment Width x length in mm per segment | Profiltiefe in mm Tread depth in mm | Ca.-Gewicht in kg/Segment Approx. weight in kg/segment | Gesamtgewicht kg/Reifen Total weight kg/Tyre | | | | |
|---|--|--|--|---|---|-----------|----|----|----|
| Muldenkipper Dump trucks | SR 55 D E3 150%, stripes, truck mining | | | | | | | | |
| 18.00R25 | 480 | 480 x 2426 / 480 x 2600 | 50 | 73 / 78 | 151 | | | | |
| 18.00R33 | 480 | 480 x 1906 | 50 | 57 | 171 | | | | |
| 21.00R33 | 530 | 530 x 1991 / 530 x 2172 | 60 | 76 / 83 | 242 | | | | |
| 21.00R35 | 530 | 530 x 2172 | 60 | 83 | 249 | | | | |
| Muldenkipper Dump trucks | SR 60 N E3 100%, stripes, truck mining | | | | | | | | |
| 27.00R49 | 680 | 680 x 2970 | 50 | 150 | 400 | | | | |
| 30.00R51 | 800 | 800 x 2970 | 50 | 168 | 470 | | | | |
| 33.00R51 | 800 | 800 x 2970 | 50 | 168 | 500 | | | | |
| 37.00R57 | 940 | 940 x 3500 | 67 | 249 | 727 | | | | |
| 40.00R57 | 1000 | 1000 x 3500 | 67 | 296 | 890 | | | | |
| Muldenkipper Dump trucks | SR 60 D E4 150%, stripes, truck mining | | | | | | | | |
| 24.00R35 | 600 | 600 x 3165 | 68 | 135 | 275 | | | | |
| 27.00R49 | 680 | 680 x 2975 | 88 | 232 | 590 | | | | |
| 30.00R51 | 800 | 800 x 2975 | 88 | 257 | 760 | | | | |
| 33.00R51 | 800 | 800 x 2975 | 88 | 257 | 855 | | | | |
| 36.00R51 | 850 | 850 x 2975 | 88 | 288 | 912 | | | | |
| 37.00R57 | 940 | 940 x 3500 | 97 | 376 | 1098 | | | | |
| 40.00R57 | 1000 | 1000 x 3500 | 97 | 384 | 1152 | | | | |
| Muldenkipper Dump trucks | SR 63 N E3 100%, stripes, truck traction | | | | | | | | |
| 27.00R49 | 680 | 680 x 2640 | 59 | 97 | 291 | | | | |
| Muldenkipper Dump trucks | SR 63 D E4 150%, stripes, truck traction | | | | | | | | |
| 18.00R33 | 490 | 490 x 2810 | 59 | 74 | 153 | | | | |
| 24.00R35 | 600 | 600 x 3180 | 69 | 130 | 245 | | | | |
| 27.00R49 | 680 | 680 x 2580 / 680 x 2838 | 79 | 151 | 424 | | | | |
| Muldenkipper Dump trucks | SR 63 D E4 150%, truck traction | | | | | | | | |
| 18.00R25 | 490 | 490 x 870 | 59 | 25 | 135 | | | | |
| 18.00R33 | | | | | 152 | | | | |
| 24.00R35 | 600 | 600 x 810 | 69 | 32 | 242 | | | | |
| 24.00R49 | | | | | 278 | | | | |
| 27.00R49 | | | | | 403 | | | | |
| 33.00R51 | 850 | 850 x 800 | 90 | 54 | 594 | | | | |
| 36.00R51 | | | | | 665 | | | | |
| Muldenkipper Dump trucks | SR 64 N E3 100%, truck traction | | | | | | | | |
| 26.5R25 | 610 | 610 x 750 | 45 | 20 | 140 | | | | |
| 670/80R25 | | | | | 114 | | | | |
| 705/70R25 | | | | | 147 | | | | |
| 29.5R25 | 640 | 640 x 785 | 46 | 25 | 175 | | | | |
| 29.5R29 | | | | | 184 | | | | |
| 30/65R25 | | | | | 147 | | | | |
| 30/65R29 | | | | | 163 | | | | |
| 755/70R25 | | | | | 147 | | | | |
| Muldenkipper Dump trucks | | | | | SR 66 D E4 150%, truck traction | | | | |
| 20.5R25 | | | | | 470 | 470 x 830 | 44 | 17 | 98 |
| 555/70R25 | 95 | | | | | | | | |
| 525/80R25 | 89 | | | | | | | | |
| 23.5R25 | 106 | | | | | | | | |
| 625/70R25 | 540 | 540 x 830 | 44 | 20 | 103 | | | | |
| 25/65R25 | | | | | 138 | | | | |
| 26.5R25 | | | | | 152 | | | | |
| 670/80R25 | 610 | 610 x 755 | 58 | 24 | 150 | | | | |
| 705/70R25 | | | | | 141 | | | | |
| Lader & Transportgeräte Loaders & transport vehicles | SR 68 D L4/E4 150%, truck traction | | | | | | | | |
| 20.5R25 | 510 | 510 x 970 | 47 | 25 | 117 | | | | |
| 555/70R25 | | | | | 110 | | | | |
| 23.5R25 | | | | | 140 | | | | |
| 26.5R25 | 590 | 590 x 970 | 47 | 28 | 168 | | | | |
| Lader & Transportgeräte Wheel loader & trucks | Winter L3/E3 100%, loader & trucks | | | | | | | | |
| 14.00R24 | 350 | 350 x 730 | 36 | 10 | 50 | | | | |
| 16.00R25 | | | | | 59 | | | | |
| 26.5R25 | | | | | 125 | | | | |
| 29.5R25 | | | | | 144 | | | | |
| 25/65R25 | | | | | 118 | | | | |
| 30/65R25 | | | | | 118 | | | | |
| 625/70R25 | | | | | 120 | | | | |
| 775/65R29 | | | | | 145 | | | | |
| 800/65R29 | | | | | 145 | | | | |
| 30/65R29 | | | | | 140 | | | | |
| 33.25R35 | 178 | | | | | | | | |
| 705/70R25 | 400 | 400 x 730 | 36 | 11,8 | 150 | | | | |
| 440/80R24 | | | | | 71 | | | | |
| 20R24 | 450 | 450 x 730 | 36 | 12,6 | 69 | | | | |
| 18.00R25 | | | | | 68 | | | | |
| 875/65R29 | | | | | 183 | | | | |
| 23.5R25 | | | | | 89 | | | | |
| 555/70R25 | | | | | 79 | | | | |
| 23.5R25 | 480 | 480 x 730 | 36 | 14 | 89 | | | | |
| 555/70R25 | | | | | 79 | | | | |



Die Kompetenz in EM-Reifen.

Das SCHELMANN-Kalterneuerungsverfahren ermöglicht eine Runderneuerung von EM-Reifen bis 57" (in Kürze bis 63"), wie sie in den schwierigsten Rohstoffabbaugebieten dieser Welt zum Einsatz kommen. Je nach Klima, Geschwindigkeit und Belastung der Baumaschinen werden aus unterschiedlichen Natur- und Synthese-Kautschuken Mischungen für die Runderneuerung hergestellt, die eine EM-Neureifenlaufleistung garantiert.

Das SCHELMANN PRECURED RETREADING SYSTEM (SPR-System), mit seinen geringen Vulkanisationstemperaturen, schont die Karkasse und sorgt somit für eine höhere Laufleistung.

SCHELMANN-eigene Patente sind Beleg für unseren Innovationswillen, technologisch und qualitativ immer führend bei der Erneuerung von Baumaschinenreifen zu sein.

The Experts in OTR Tyres

The SCHELMANN pre-cured retreading process, currently enables tyre sizes up to 57" to be retreaded. However, for the newer and larger capacity dump trucks now being used in some of the largest mines in the world today, the Schelkmann range will shortly be extended to meet the new 63" wheel sizes. Furthermore, in order to guarantee 'New Tyre - Performance Levels', a wide selection of rubber compounds, consisting of different natural and synthetic rubbers can be manufactured, depending on such variables as climate conditions, speed and the applied loads of each machine.

The SCHELMANN PRE-CURED RETREADING SYSTEM (SPR-System) with its low curing temperatures, is very gentle on casings, thereby enabling better performance rates.

SCHELMANN's commitment to continuous improvement and innovation, along with its world-wide patents portfolio, will ensure Schelkmann remains a global technological leader in the retreading of OTR / Giant Tyres.