

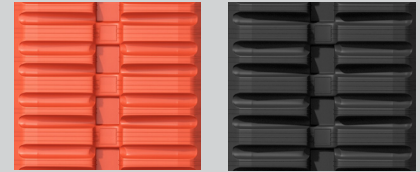
TECHNOLOGY IN ACTION:

Technology Design Formulation (TDF)[™]

McLaren has invested years in research and development to create the highest quality rubber compounds and track designs. Our continuous improvement of rubber track technologies has ultimately led us to the development of **NextGen TDF** – the latest chapter in rubber track manufacturing.



//// NEXTGEN TDF[™] *series* **Track Loader Rubber Tracks**



NextGen TDF[™] rubber tracks are developed from the ground up specifically for track loaders. They are all-season rubber tracks with maximum durability.

Internally, the tracks are built with multiple layers of innovative rubber compounds, the company's key strength. In their core, the tracks are made with heat treated carbon steel forgings, which are braced with a proprietary steel belting system.

Externally, NextGen TDF features multiple lugs per pitch and delivers a smooth ride. A double offset tread pattern minimizes vibration and reduces undercarriage wear. This unique tread pattern is designed to provide enhanced flexibility, traction, even on snow and ice. The Multi-Lug Pitch System protects the rubber track body and quarantines cuts and cracks.

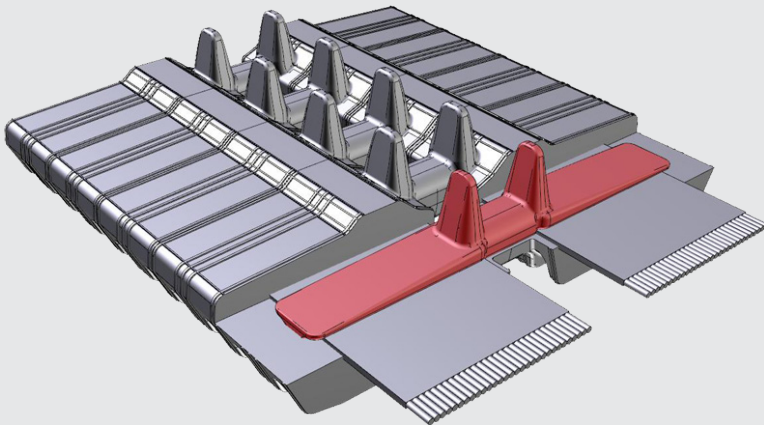
NextGen TDF is available in non-marking rubber compound, such as orange or gray.



/// NEXTGEN TDF[™]
series
Track Loader Rubber Tracks

• **SpoolRite Belting Technology**

Exclusively designed by McLaren to increase tensile strength, it utilizes pre-stressed and aligned non-overlapping continuous belting system to guarantee equal tension throughout the track belts. This technology is vastly superior to alternative overlapping or standard continuous cable track systems. It is essential for deep and heavy digging applications or high-power operations with heavy work load environments



• **Unique Track Body Armor**

Traditional track pattern designs expose large areas of the track body, which is the most vulnerable area on a rubber track. The NextGen TDF track system is designed to use the tread lugs to protect the track body, as opposed to the traditional track patterns that are common in the industry.

• **Smoother Ride with Reduced Vibration**

More tread lugs provide for a smoother ride. Traditional tread lug usually has only one lug per pitch. In contrast, NextGen TDF has multiple lugs per pitch, which reduces operator fatigue and back pain. The double offset pattern minimizes vibration and prolongs the life of the undercarriage.



• **Crack and Cut Quarantine System**

Crack and Cut Growth: Minor cuts and cracks usually grow to encompass an area much larger than the original cut or crack. This causes more surface damage and premature track failure. The McLaren multiple lug profile simply contains the growth of cuts and cracks.

• **Four-Step Metal-to-Rubber Bonding**

The enhanced bond between the forged links and the rubber track reduces corrosion between the forgings and the rubber in wet environment. The higher bonding strength also prevents link ejection even under extreme stress and heavy loads.

• **Extra Large-Diameter Cables**

With up to 2x times the tensile strength of the standard rubber tracks, this unique for the industry feature prevents track breakage under extreme shock loads and maximizes the full potential of the machine's power.

• **The Perfect Snow Track**

Winter is often considered a downtime season. Not with NextGen TDF. The unique tread design combined with specialized rubber compound delivers great performance in snow.