

CRANE

TYRE SOLUTIONS



YOUR TRUSTED PARTNER FOR CRANE MOBILITY SOLUTIONS

We're dedicated to providing the best customer experience, which reflects in the innovative solutions that we develop with applications, operators and safety in mind. Our mobility solutions for mobile cranes are no different; we developed our expertise in the field, with our clients.

OUR EXPERTISE HAS BEEN PUT TO TEST FOR DECADES

At Michelin, we've been putting our crane solutions to the test in the harshest and most realistic conditions from our Ladoux research center for over 50 years. Our knowledge has been developed and improved across the multiple industries our tyres serve, whether it's construction machinery, long distance travel machines like hauler trucks, or personal cars.

OUR COMPLETE RANGE OF TYRE SOLUTIONS FOR CRANES

We develop solutions to help clients respect their productivity targets, without compromising on safety. Our crane tyre solutions allow our clients to travel longer distances at higher speeds and in respect of safety regulations, with the driving precision and traction they require on both on and off-road job sites.

Our cranes product range counts multiple long-lasting tyre solutions with great wear resistance that can be used all year round.

10 year service life

Tyres are made from different types of materials that have the properties which are essential for the tyre to perform properly. These properties may change over time. These changes depend on numerous factors such as the storage conditions, usage and, in particular, the load, speed, tyre pressure, maintenance, weather conditions etc. to which the tyre is subjected throughout its useful life.

These factors impact a tyre's service life. The design of Michelin tyres is intended to deliver long lasting performance and ensure that the machine remains operational for the longest possible periods. If we take a look at the conditions of use of mobile cranes, we see a reduction in the average distance travelled every year. As a result, the tyres stay fitted to the cranes for a longer period of time. Accordingly, Michelin recommends that the service life of mobile crane tyres be limited to a maximum of 10 years.

ISO 14001 CERTIFICATION

Michelin tyres are manufactured in our ISO 14001 certified factories, where environmental impact has been reduced by more than 16% since 2005. (Michelin Environmental Footprint)

ENSURING SAFE AND EFFICIENT CRANE OPERATIONS

Whether it's while traveling from one job site to the next, or just getting around inside a construction site, safety is without a doubt the most important element to consider when it comes to crane operations. That's why fleet managers carry out rigorous and regular inspections of the machines with close monitoring, as well as preventative tyre changing.

SAFETY ELEMENTS LINKED TO CRANE TYRES



TRAVEL ON PUBLIC ROADS

Braking distance: cranes are heavy and require long braking distances, especially now that tyre solutions allow them to travel at higher speeds. Proper operator training and the right tyre for the application can make a big difference.

Vibrations: in addition to having an impact on operator comfort, vibrations can lead to potential safety issues like loose parts.

Inflation pressure: while inflation pressure is important for all pneumatic tyres, when it comes to cranes, poor pressure adjustment can have significant impact on safety.



CONSTRUCTION SITES

Life around the crane: as they often work on sites with construction staff and even civilians nearby, cranes require optimal maneuverability. Their tyres must therefore provide the right levels of traction and grip for safe operations.



SURFACE CONDITIONS

Winter conditions and loose ground: cranes working in conditions with soft work surfaces like snow or mud will require tyres that offer more traction and self-cleaning.





CHOOSE THE BEST PRODUCT FOR YOUR APPLICATION



MICHELIN X-CRANE 2



DESIGNED FOR SAFETY BUILT
FOR EFFICIENCY

- **Lower operating cost**
 - High speed
 - Regroovable tyre
 - Optimized traction and wear life
 - Low fuel consumption
- **Safety of operators**
- **DURACOIL* and REGENION technologies**



3PMSF*
SNOW/ICE



COMFORT



SPEED



LOAD
CAPACITY



SUSTAINABILITY

* This information or benefit applies only to the MICHELIN 445/75 R22.5 X-CRANE 2 173J (174G) TL.

MICHELIN X SNOPLUS



DESIGNED TO BE USED WHEN
EXCEPTIONAL TRACTION ON
SNOW AND ICE IS REQUIRED

- **Lower operating cost**
 - All-season use
 - Outstanding productivity on snow and ice
 - Handling precision



SNOW/ICE



COMFORT

MICHELIN

X-CRANE +



LIFTING YOUR PRODUCTIVITY TO NEW HEIGHTS

- **Lower operating cost**
 - High speed
 - Low fuel consumption
 - regroovable tyre



SPEED



SUSTAINABILITY

MICHELIN

XVC



DESIGNED FOR APPLICATIONS REQUIRING HIGH LOAD CAPACITY ON THE ROAD

- **Lower operating cost**
 - The 505/80 R25 brings 183 Load Index capacity (8750 Kg, 19290 lb) at 70 km/hour (43 mph)
- **Good comfort on the road**



LOAD CAPACITY



COMFORT

MICHELIN

XGC



DESIGNED TO BE USED WHERE
EXCEPTIONAL TRACTION ON OFF-ROAD
APPLICATIONS IS REQUIRED

- **Lower operating cost**

- Excellent tyre life
- High comfort, especially off-road



TRACTION



COMFORT

MICHELIN

XMH S



DESIGNED FOR LOAD AND
UNLOAD TRUCK USAGE

- **Lower operating cost**

- High summit protection with heavy block tread pattern
- Specialized compound for long distance and high wear resistance
- Casing conception optimized for an off road usage



RESISTANCE

PURCHASE ORDER

NAME:

ACCOUNT NUMBER:

DIMENSIONS	PRODUCT NAME	CAI	QTY
525/80 R 25 TL 176F	X-CRANE +	086926	
505/95 R 25 TL 183E	XVC	565628	
445/95 R 25 TL 177E	X SNOPLUS	123857	
445/95 R 25 TL 174F	X-CRANE +	738428	
445/80 R 25 TL 170E	XGC	264520	
445/75 R 22.5 TL 173J	X-CRANE 2	763336	
445/95 R 25 TL 178F	X-CRANE 2	460886	
385/95 R 25 TL 170E	XMH S	254174	
385/95 R 25 TL 170E	X SNOPLUS	705961	
385/95 R 25 TL 170F	X-CRANE +	682834	
385/95 R 24 TL 170E	X SNOPLUS	432272	
385/95 R 24 TL 170F	X-CRANE	778245	

STAMP:

