

MICHELIN TECHNICAL DATA

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist. / hour km mile	TKPH (1) TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap liter gallon	Measuring Recommended Rim (1)	Other Approved Rims (1)
X-CRANE + 176F ● 525/80 R 25 Tubeless	086926 33880	80 49.7		528 20.8	1482 58.3	682 26.9	4508 177.5	28 35.3		500 132.1	17.00/1.7 CR	17.00/2.0
Bar	5	6	7					5	6	7		
Psi	73	87	102					73	87	102		
Machine - Use (kg - lbs)	CRANES AND SIMILAR SPECIALIZED MACHINES			CRANES AND SIMILAR SPECIALIZED MACHINES			CRANES AND SIMILAR SPECIALIZED MACHINES			CRANES AND SIMILAR SPECIALIZED MACHINES		
30 KM/H	6700"	7700	8900									
19 MPH	14774	16979	19625									
40 KM/H	6150	7100	8200									
25 MPH	13561	15656	18081									
50 KM/H	6000	6900	8000									
31 MPH	13230	15215	17640									
60 KM/H	5900	6800	7850									
37 MPH	13010	14994	17309									
65 KM/H	5750	6650	7650									
40 MPH	12679	14663	16868									

(1) More informations in the Michelin Databook 2019.

● 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.

MICHELIN® X-CRANE +

LIFTING YOUR PRODUCTIVITY TO NEW HEIGHTS



385/95 R 25 X-CRANE + TL 170F *
445/95 R 25 X-CRANE + TL 174F *
525/80 R 25 X-CRANE + TL 176F *





LIFTING YOUR PRODUCTIVITY TO NEW HEIGHTS



CRANES



LOWER OPERATING COSTS

Wear life increased by up to 20% (2) thanks to a new, more resistant rubber compound in the tread



GREATER OPERATOR COMFORT AND RELIABILITY

Improvement in irregular wear patterns so that the crane generates fewer vibrations thanks to a more rigid rubber compound in the tread (2)

Increased reliability due to better resistance of the cables, the C² Technology and a longer-lasting bead area (2)



LESS WASTE

More environmentally friendly because tyres can be regrooved



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X-CRANE + 170F ● 385/95 R 25 Tubeless	682834 32768	80 49.7		380 15	1365 53.7	633 24.9	4165 164	23 29		280 74	9.50/1.7 CR	10.00/1.5 11.25/1.3
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Bar	5	6	7	8	9			5	6	7	8	9
Psi	73	87	102	116	131			73	87	102	116	131

Machine - Use (kg - lbs)	CRANES AND SIMILAR SPECIALIZED MACHINES				
30 KM/H	4750	5440	6125	6815	7500
19 MPH	10474	11995	13506	15027	16538
40 KM/H	4370	5005	5635	6270	6900
25 MPH	9636	11036	12425	13825	15215
50 KM/H	4255	4870	5490	6105	6720
31 MPH	9382	10738	12105	13462	14818
60 KM/H	4180	4785	5390	5995	6600
37 MPH	9217	10551	11885	13219	14553
65 KM/H	4085	4575	5270	5860	6450
40 MPH	9007	10088	11620	12921	14222

Machine - Use (kg - lbs)	CRANES AND SIMILAR SPECIALIZED MACHINES				
70 KM/H	3990	4570	5145	5725	6300
43 MPH	8798	10077	11345	12624	13892
80 KM/H	3800	4350	4900	5450	6000
50 MPH	8379	9592	10805	12017	13230
90 KM/H	3570	4090	4605	5120	5640
56 MPH	7872	9018	10154	11290	12436
100 KM/H	3230	3700	4165	4630	5100
62 MPH	7122	8159	9184	10209	11246

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X-CRANE + 174F ● 445/95 R 25 Tubeless	738428 30097	80 49.7		442 17.4	1485 58.5	693 27.3	4542 178.8	25 31.5		380 100.4	11.00/1.7 CR	11.25/2 DC 635x280 CR
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Bar	5	6	7	8	9			5	6	7	8	9
Psi	73	87	102	116	131			73	87	102	116	131

Machine - Use (kg - lbs)	CRANES AND SIMILAR SPECIALIZED MACHINES				
30 KM/H	5340	6095	6850	7615	8375
19 MPH	11775	13439	15104	16791	18467
40 KM/H	4910	5605	6300	7005	7705
25 MPH	10827	12359	13892	15446	16990
50 KM/H	4780	5460	6140	6820	7505
31 MPH	10540	12039	13539	15038	16549
65 KM/H	4590	5240	5890	6545	7205
40 MPH	10121	11554	12987	14432	15887

Machine - Use (kg - lbs)	CRANES AND SIMILAR SPECIALIZED MACHINES				
70 KM/H	4485	5120	5755	6395	7035
43 MPH	9889	11290	12690	14101	15512
80 KM/H	4270	4875	5480	6090	6700
50 MPH	9415	10749	12083	13428	14774
90 KM/H	4015	4580	5150	5725	6300
56 MPH	8853	10099	11356	12624	13892
100 KM/H	3775	4305	4840	5380	5920
62 MPH	8324	9493	10672	11863	13054

(1) More informations in the Michelin Databook 2019.

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(2) Comparison of the Michelin® X-CRANE® 445/95 R25 X Crane and the Michelin® X-CRANE + 445/95 R25 X Crane + field study in real life conditions made by Michelin April 2009 to Oct 2013 in Italy, France, Serbia, Dubai same size and usage.

