

# CompactMaster SkidSteer

## 31 X 10 - 20/7.50 | 147 A5



### Tire dimensions

Article approximate data							
Overall diameter	[mm]	782		Weight	[kg]	65.7	
Overall width	[mm]	235		Rolling circumference	[mm]	2527	
Tread width	[mm]	218		Rolling resistance* <sup>4)</sup>	[%]	1.8	
Tread edge diameter	[mm]	772		Static radius*	[mm]	376	
Usable Tread Height (60 Joule indicator)	[mm]			Tread depth	[mm]	33.0	
Minimum dual spacing	[mm]	285/285					

\*at reference load

### Tire load capacity [kg]<sup>1</sup>

Application	Lift Truck		Side Loader	Airport	Port Trailer	Other Vehicles	Multi Directional	Gantry Crane
	Load Wheel	Steer Wheel						
Cycle Length (one way) km	< 1.6		< 1.6	< 2	< 3	< 2	< 1.6	< 0.6
Max. laden speed (km/h)	25 (for distance exceeding the km within in 1h indicated in footnote, consult Continental)						15	10
Cyclic Load	Yes		Yes	No	Yes	Yes/No	Yes/No	Yes
Speed	Load[kg]							
	4645	4645	4645	4645	4645	4645	4645	4645
1	4430	3075	3350	3075	3075	4060	3350	4060
5	4430	3075	3350	3075	3075	4060	3350	4060
10	4430	3075	3350	3075	3075	3630	3350	3630
15	4430	3075	3075	3075	3075	3075	3075	-
20	4215	3075	3075	3075	3075	3075	-	-
25	4000	3075	3075	3075	3075	3075	-	-

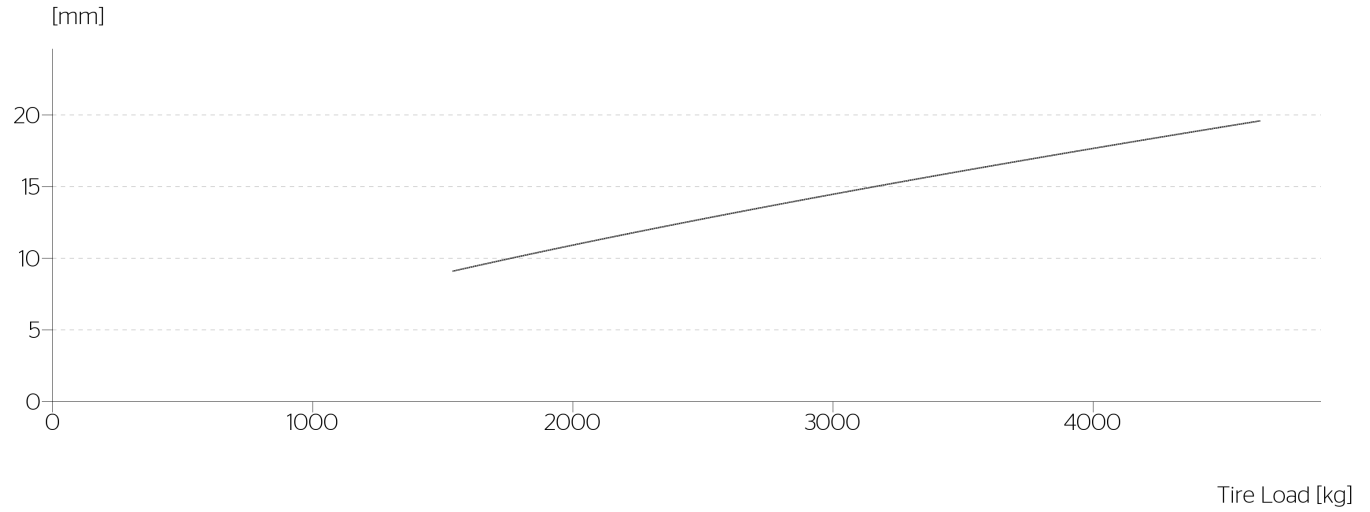
### Base version

	SIT		S		M	
Robust	Art. No.	13765170000	Art. No.	not available	Art. No.	not available
Clean	Art. No.	not available	Art. No.	not available	Art. No.	not available
Antistatic	Art. No.	not available	Art. No.	not available	Art. No.	not available

### Notes

- <sup>1)</sup> Valid for intermittent service only. Consult engineering department for tire load capacity in case of continuous service.
- <sup>2)</sup> In case max. distance / hour is exceeding 6km please contact our technical customer service for approval
- <sup>3)</sup> For tires used on straddle carriers and straddle fork lifts with max. speed of 25 km/h the load capacity of steered wheels have to be used.
- <sup>4)</sup> The rolling resistance measurement is referring to the Robust version

**Deflection**



$$\text{Ground Contact Area [cm}^2\text{] Approximately} = \frac{\text{Tire Load [kg]}}{\text{Ground Press. [MPa]} \times 10}$$

**Ground Pressure**

