



## Pressemitteilung 10/2020

RICHTIGRADFAHREN.DE



Lenksystem / Steering system Sattelstütze / Seatpost

Mountain-Bike				Safety Level	
	Sprunghöhe/Jump Height ≤ 60 cm	max. 120 kg	max. 100 kg		
	Sprunghöhe/Jump Height ≤ 60 cm	max. 140 kg	max. 120 kg		
	Sprunghöhe/Jump Height ≤ 60 cm	max. 160 kg	max. 140 kg		
	Sprunghöhe/Jump Height ≤ 120 cm	max. 120 kg	max. 100 kg		
	Sprunghöhe/Jump Height ≤ 120 cm	max. 140 kg	max. 120 kg		
	Sprunghöhe/Jump Height ≤ 180 cm	max. 120 kg	max. 100 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 60 cm	max. 120 kg	max. 100 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 60 cm	max. 140 kg	max. 120 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 60 cm	max. 160 kg	max. 140 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 120 cm	max. 120 kg	max. 100 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 120 cm	max. 140 kg	max. 120 kg		
<b>E-BIKE</b>	25 km/h Sprunghöhe/Jump Height ≤ 180 cm	max. 120 kg	max. 100 kg		
Road-/Gravel-/Travel-Bike				Safety Level	
		max. 100 kg	max. 100 kg		
		max. 120 kg	max. 120 kg		
<b>E-BIKE</b>	25 km/h + 45 km/h	max. 100 kg	max. 100 kg		
<b>E-BIKE</b>	25 km/h + 45 km/h	max. 120 kg	max. 120 kg		
City-/Trekking-Bike				Safety Level	
		max. 100 kg	max. 100 kg		
		max. 120 kg	max. 120 kg		
		max. 140 kg	max. 140 kg		
		max. 160 kg	max. 160 kg		
		max. 180 kg	max. 180 kg		
<b>E-BIKE</b>	25 km/h	max. 120 kg	max. 100 kg		
<b>E-BIKE</b>	25 km/h	max. 140 kg	max. 120 kg		
<b>E-BIKE</b>	25 km/h	max. 160 kg	max. 140 kg		
<b>E-BIKE</b>	25 km/h	max. 180 kg	max. 160 kg		
<b>E-BIKE</b>	45 km/h	max. 140 kg	max. 120 kg		
<b>E-BIKE</b>	45 km/h	max. 160 kg	max. 140 kg		
Cargo-Bike				Safety Level	
	einspung/mehrsprung single track/multi track	max. 250 kg	max. 140 kg		
	einspung/mehrsprung single track/multi track	max. 300 kg	max. 160 kg		
<b>E-BIKE</b>	25 km/h einspung/mehrsprung single track/multi track	max. 250 kg	max. 140 kg		
<b>E-BIKE</b>	25 km/h einspung/mehrsprung single track/multi track	max. 300 kg	max. 160 kg		
Jugend/Young adult				Safety Level	
		max. 100 kg	max. 100 kg		
Kinderrad/Youth-Bike				Safety Level	
	12"-24"				

Stand 2020

ergotec „Safety Level Tabelle“

## ergotec Safety Level System

The ergotec Safety Level System is a safety classification for steering systems and seat posts on bicycles. This system makes it traceable and transparent which handlebars, stems and seat posts are suitable for the different types of bicycle with the respective system weight. This ensures more quality and safety for the corresponding bike types, especially for e-bikes.

Handlebars and stems bear a high level of responsibility, because the weight of the bicycle, rider and backpack act on the so-called steering system. The higher the weight of the dimensions moved, the higher the forces acting on the bicycle and thus on the components described above.

In our own test centre, all ergotec handlebars, stems and seat posts are subjected to long-term tests, both individually and in combination. These tests are carried out in accordance with the DIN EN ISO test standards. In addition, tests are carried out according to our own higher safety level requirements.

The Safety Level System is divided into 6 levels / strength levels and shows which components are suitable for which vehicle and can be combined with each other without hesitation. The higher the level, the higher the strength and also the safety.

The ergotec Safety Level safety-classification for steering systems and seat posts thus provides a simple overview and assistance for the use of the required components.

After 5 successful years, the ergotec Safety Level System has been relaunched. Cargo bikes and gravel bikes have now also been integrated into the Safety Level System. In addition, the MTB area has been taken into account with an extended Level 6+. Level 6+ is intended to take account of the different areas of application and the increasing proportion of e-bikes. As there are very different vehicle categories in this area (Active / All Mountain / Cross Country / Dirt Jump / Downhill / Enduro / Trail), the possible jumping heights were also included. This was made possible not only by the extensive tests carried out in the ergotec test centre, but also by the many years of cooperation with the 4 x world champion Tomas Slavik and the resulting findings from the competition.

Head of development Rolf Häcker explains: "The relaunched ergotec Safety Level System is an extension of the existing Safety Level System, whereby there are no shifts within the previous classifications of the level".