

Dreaming of GigaLiner?  
Our dream will soon  
become reality in Europe!

*the better*



Length: 29 m  
Volume: 202 m<sup>3</sup>



# RailRunner® Technology: Future orientated and environment friendly

## **+20 % Payload**

RailRunner® has the lowest tare weight per train: Tare weight per load unit is 9.8 t lower when compared to pocket car or 21.3 t lower than CargoBeamer

## **30 % less wear**

RailRunner®'s rail bogie has self-steering axles with lower wheel to track friction forces and 30 % less wheel wear and lower wear of rail track

## **Aerodynamics**

RailRunner® creates less wind resistance because of the reduced distance between its load units when connected on rail and saves 3–5 % in traction energy

## **Air Suspension**

RailRunner® bogies are air suspended with lower vertical and horizontal dynamic forces and reduced vibration plus shock absorber reduced forces save further 2–3% energy

## **CO<sub>2</sub>-Savings**

A RailRunner® train with 49 load units reduces the CO<sub>2</sub>-emission by 7,000 t per year (compared to trucks) when operating 6 days per week over 1.000km

## **Less Noise**

Disc brakes, Air suspension and self-steering axles reduce the noise level by an additional 5 dB below todays standards applicable in 2020