



## Large building with strong cranes

This project was commissioned by the Russian company Stadler Plant near Minsk. The steel factory hall serves as a production facility for a sustainable and promising project: The production of modern, electrically powered trains. The trains will run between Moscow and the surrounding airports.

The total area of the site is huge and amounts to 30,000 m<sup>2</sup>. Since the trains are to be produced using cranes, the production hall has been designed to house several cranes that can hold up to 30 tons' weight. The structure of the steel factory hall, therefore, has to be sufficiently strong and stable. With a height of 20 metres and a width of 85 metres, this is a real challenge! The entire hall construction is designed for maximum production efficiency.

The customer was impressed by the short time span between the idea and the erection of the building. This project shows that the Astron system meets the demands of every building application – no matter if timber production, data centre or factory hall with cranes!

Builder	L Engineering JLLC - Belarus
Building Usage	Industry
Surface	30,000 m <sup>2</sup>
Span	74 m
Frame Type	Crane rail beams
Wall System	LPA900
Roof System	LPR1000

