Keeping indoor skydivers in the air with ABB’s precise control technology

Over 1 million people a year visit the world’s leading indoor skydiving facility, Windoor Realfly on Spain’s Costa Brava, 150 km along the coast from Barcelona.

The air speed can be varied from 150 to 300 km/h in less than a second.

The upward rush of wind in the tunnel can go from 0 to 300 km/h in around 10 seconds, that’s as fast as an F1 car accelerates...

...and as strong as a class 5 hurricane.

1 minute of indoor skydiving is same as 1 freefall jump.

The fans are controlled by ABB’s variable speed drives and programmable logic controllers operated from the tunnel driving booth.

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1,000 m³ every 2 seconds...

...at a rate of more than 1,000 cubic meters a second, or enough to inflate a hot air balloon every 6 seconds.

Thanks to ABB technology, downtime is dwarfed to 1 day a year for planned maintenance...

...and as strong as a class 5 hurricane.

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To learn more about the case visit www.abb.com/drives