

Avant Gates develops industrial machine gate

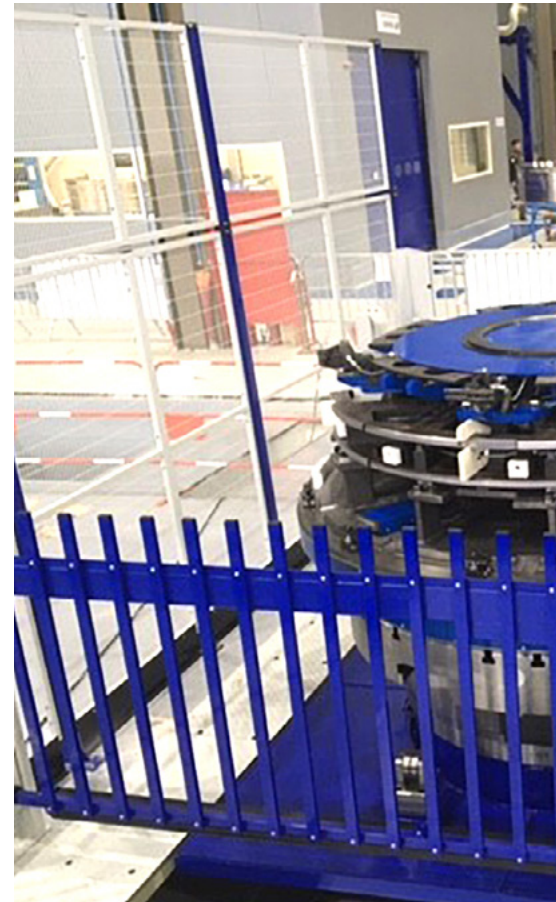


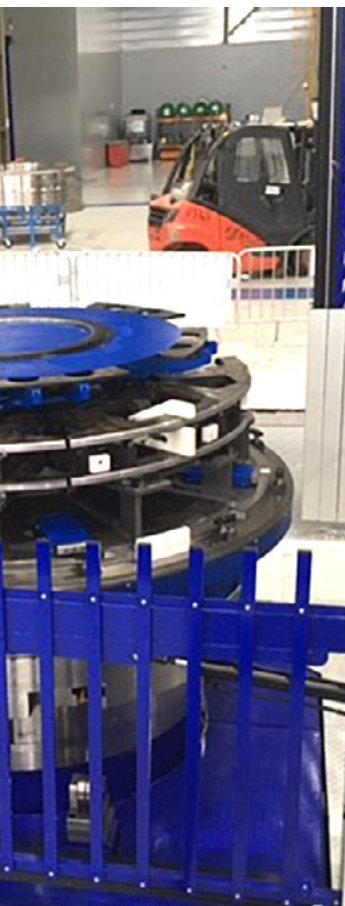
Italian manufacturer Avant Gates developed a gate to secure industrial machines for Pietro Carnaghi, an Italian company near Milan that manufactures industrial machines and tools.

The project consists of six gates. There are two gates at every machine: one that functions as the entrance and one that functions as the exit. For safety reasons the controls of the gate are connected directly to the controls of the machine. The gate only functions if the machine is switched off. At the moment the machine starts, the gate automatically closes. The risk of entrapment is prevented by using a safety edge.



Miriam Molegraaf





"It was a revolutionary project," says Gian Maria Lenisa, export manager at Avant Gates. "Together with Pietro Carnaghi we have worked on this project for six months with 25 people. It was hard work. We had to learn a lot about certifying. It was complex, because this type of application is new to us and we have had our gate certified as an industrial machine. This way our system can be implemented in the total certifying of machine safety. We can now use our gate as a safety measure for every type of machine. Meanwhile we have placed another four gates and the results are phenomenal." ■