

Volkswagen Group Africa opened its new airbag deployment centre on 28 February 2024.



R20 million

was invested in establishing this facility



The facility was built between

June 2022 and February 2024



With the addition of the new climatic chamber, the Airbag Deployment Centre can run

72 tests

per week, including 10 dashboards, 2 curtain airbags and 60 seats



Previously, the older airbag facility performed

48 tests

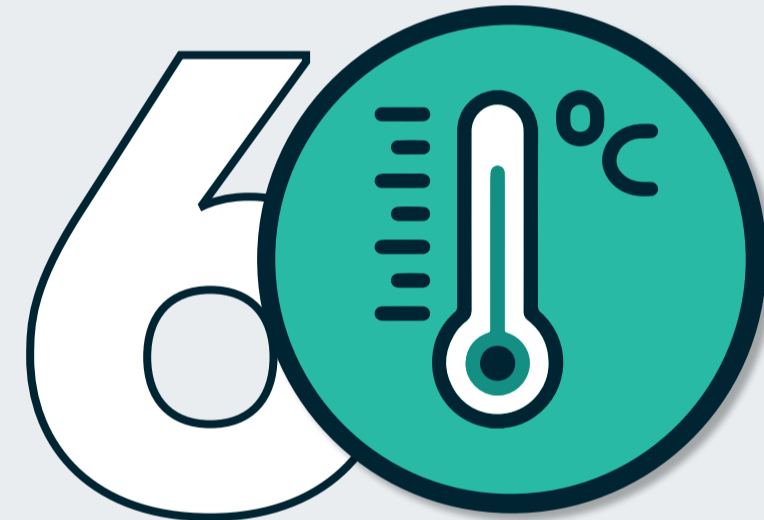
per week (3 dashboards and 45 seats)



The Centre will test airbags for the

Polo and Polo Vivo

as well as any new products that require testing in future

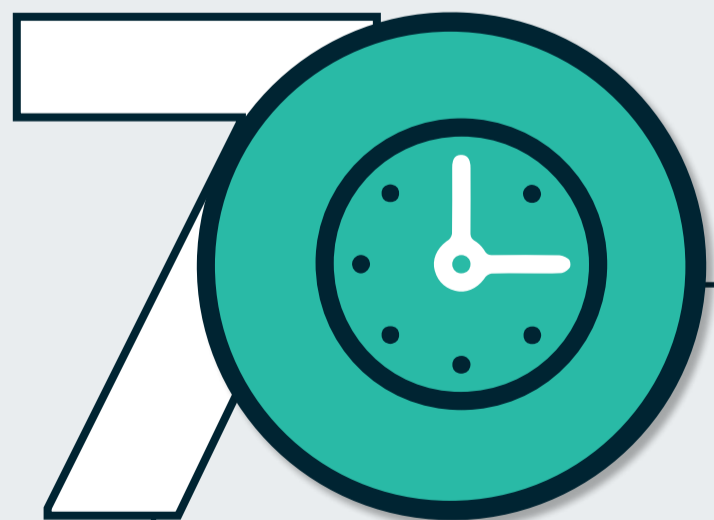


The chamber used for airbag testing is operated between

-40° and 90° Celsius

Tests are typically performed at

85°, 23° and -35° Celsius



One test takes about

100 milliseconds

however, preparing the parts for testing means the full process of testing ranges from

6 to 8 hours

per test



The testing chamber is

6m long and 3m wide

- large enough to fit a Volkswagen Amarok



The total installed energy consumption of the chamber is

100kW

with a

26kW compressor

installed for supply of ultra dry air