

Welcome to Boxberg – The right location for professional test drives and more



TAKE ADVANTAGE OF THE WIDE VARIETY OF OPTIONS FOR YOUR TEST DRIVES

The Boxberg proving ground is located 90 km north-east of Stuttgart, and occupies an area of 94 hectares. We offer various test tracks and spaces for your vehicle and system trials. Numerous test modules allow you to perform all important test drives that are significant when developing passenger cars, commercial vehicles and motorcycles. Testing rigs, modern measure equipment and our engineering service complete our portfolio.

YOUR SAFETY IS OUR TOP PRIORITY

Our control center is in continuous radio contact with all test drivers, while track marshals monitor the driving. Fire department and rescue vehicles are continuously on alert on the proving ground. An electronic access control system for vehicles ensures that only authorized drivers can enter the individual sections of the track, thereby limiting the number of vehicles on the tracks. Double crash barriers as well as tire walls and crash zones ensure increased safety when carrying out driving maneuvers.



The extensive safety concept at the Boxberg site is TÜV tested, providing safety for your test drives.

Contact and directions

Do you have any questions or would you like further information about the Bosch proving grounds? Then contact us directly at any time or visit our homepage.

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GPS coordinates

Lat. 49° 26' 35" North
 Long. 09° 37' 50" East

How to find us

The Boxberg proving ground is about ten minutes' drive from the A 81 Autobahn (Heilbronn-Würzburg), and is signposted from the Boxberg exit ("BOSCH"). There are numerous leisure facilities and accommodation options in the immediate vicinity.

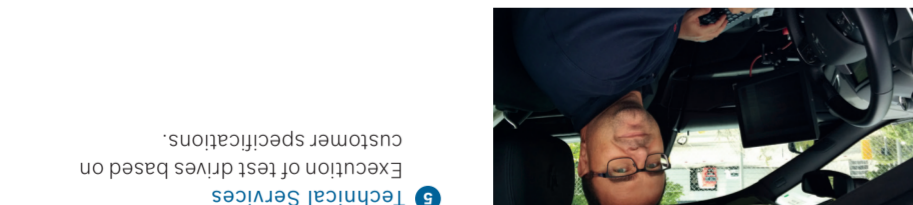


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The right tracks for your test drives

Bosch Mobility Solutions

Boxberg proving ground



4 Technical Services

- ▶ Execution of test drives based on customer specifications.
- ▶ Test vehicles can be equipped and adapted in our workshops. Our highly qualified workshop service comprises of:
 - ▶ Tire change and balancing work
 - ▶ Wheel alignment
 - ▶ Brake test as well as adapting brake systems
 - ▶ Providing braking trailers
 - ▶ Equipping vehicles with electrical and sensor systems



1 Workshop



3 Catering

- ▶ The two catering and exhibition areas provide pleasant surroundings in which to round off a successful day.
- ▶ Meeting room and viewing platform with space for 20 – 30 people as well as a direct view of the driving-dynamics area and the brake-measurement tracks.
- ▶ The large conference hall with presentation technology is the ideal choice for events involving groups of up to 100 people.



2 Large conference hall



Exceptionally equipped – An overview of our facilities

- FROM PREPARATION TO EVALUATION**
- ▶ In addition to our test tracks, we have spaces which enable you to work with efficient commercial vehicle hall with pit procedures. Workshops are available to you for vehicle preparation. Tests can be evaluated immediately and on the spot in offices of various sizes. Our large conference hall as well as other meeting rooms offer plenty of space for all kinds of events. The exclusive pavilion directly at the driving-dynamics area provides a special atmosphere for your event.
 - Technical facilities**
 - ▶ Six car workshops
 - ▶ Commercial vehicle hall with pit
 - ▶ Charging station for electric vehicles
 - ▶ Gas station
 - ▶ Prototype garages
 - ▶ Large conference hall
 - ▶ Three meeting rooms
 - ▶ Six offices in the car area
 - Offices and presentation spaces**
 - ▶ Pavilion at the driving dynamics area
 - ▶ Two catering areas
 - Events and catering**
 - ▶ Pavilion at the driving dynamics area
 - ▶ Two catering areas

A proving ground with many possibilities – Overview of Boxberg

efficient trials

thanks to extensive test tracks, expert points of contact and short distances between the test track and main building. This saves time in the procedure.

more than
15 km

of test tracks are available for test drives and system trials.

more than
80

development facilities from the automotive sector are located within a radius of 120 km.

20 track sections

in the Boxberg proving ground: The varied test tracks offer ideal conditions for all customers and all kinds of vehicles. This ranges from motorcycles and cars to heavy commercial vehicles and off-roaders.

Driving-dynamics area
Overall diameter: 300m
Circles with a radius of 12.5, 25, 30, 50, 60, 80, 100 und 120m are marked out.

Floodable brake-measurement tracks
Friction coefficients between $\mu=0.1$ and $\mu=1.0$

Entanglement track
Suitable for tests with off-road vehicles.

Fording and splash water basins
Shallow pool:
length 100m, depth down to 0.3m
Deep pool:
length 30m, depth down to 1.0m

Rough road tracks
Nine different road surfaces for testing running gear and electronics: potholes, washboard, vibration track, cobblestones, tracks with different levels of unevenness.

Uphill tracks
Gradients of 5%, 10%, 15%, 20% and 30%

Noise-measuring track
Test carriageway according to DIN ISO 10844:2014

Building area
With conference rooms, workshops and offices

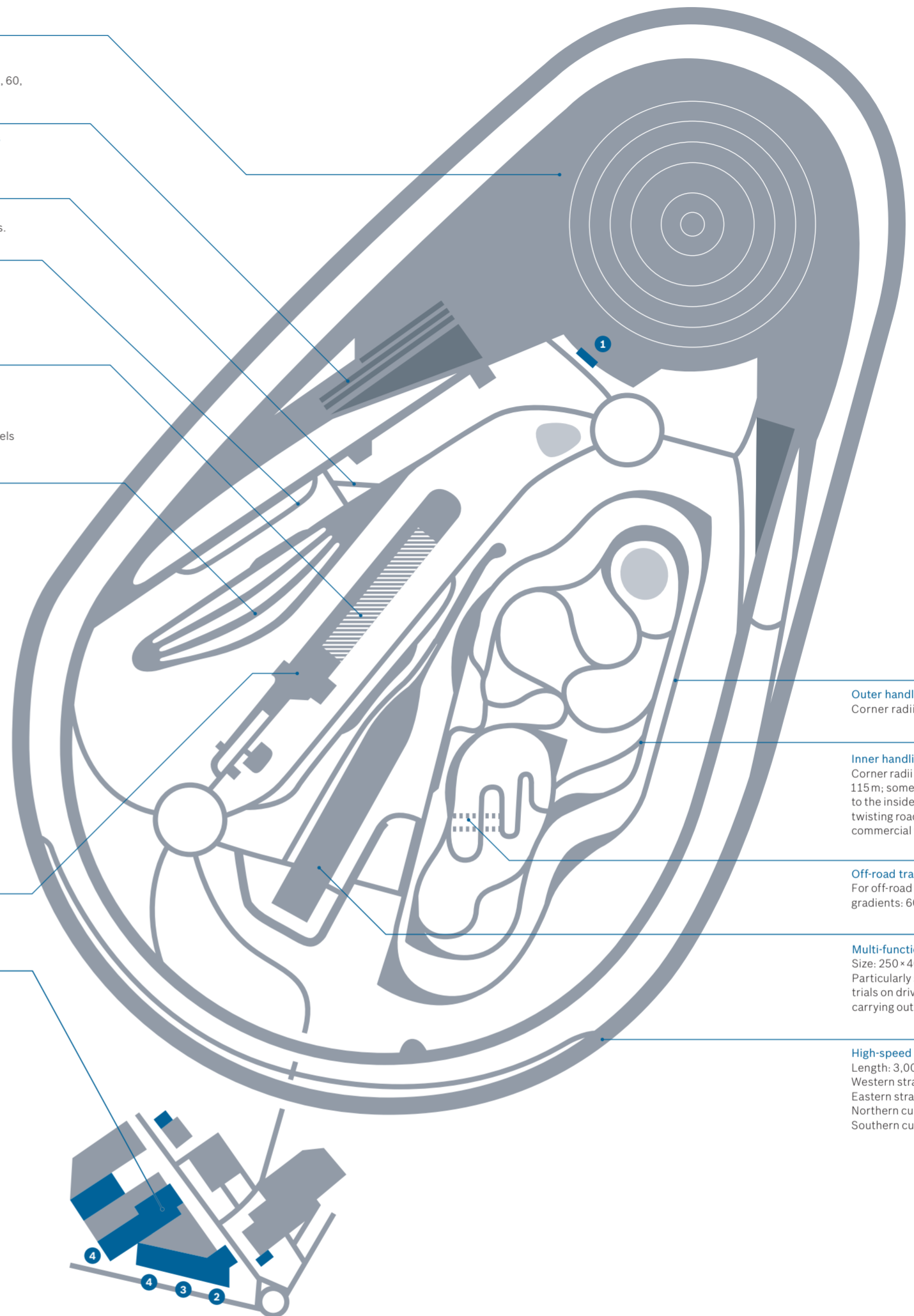
Outer handling course
Corner radii between 48m and 101m

Inner handling course
Corner radii between 1 m and 115m; some corners slope away to the inside or outside; including twisting road; not suitable for commercial vehicles or buses

Off-road tracks
For off-road vehicles, gradients: 60%, 65%

Multi-functional area
Size: 250x40m
Particularly suitable for extensive trials on driver assistance systems and carrying out driver training

High-speed oval
Length: 3,000m
Western straight: 360m
Eastern straight: 360m
Northern curve: 670m
Southern curve: 1,630m



High-speed oval
The oval offers three lanes for highspeed laps up to 200 km/h and banked curves up to 65% with corner radii of 190m and 350m.



Uphill tracks
The optimal location for traction tests on asphalt, wet tiles and tiles as slippery as ice, as well as for hill braking and moving off on various gradients.



Off-road tracks
The steep course with gradients up to 65% is excellently suited to tests with off-road vehicle.



Fording and splash water basins
This shows how resistant electronic systems are to splash and surge water. The water level can be set to a depth of as much as 1.0m.



Rough road tracks
Here, the running gear and electronics are really put through their paces. Tracks with different levels of unevenness: potholes, washboard, vibration track, cobblestones.



Floodable brake-measurement tracks
This provides various surfaces such as checkerboard, asphalt, tiles, blue basalt, concrete as well as an aquaplaning track.



Handling course
The handling course can be divided into individual sections, containing corners with different radii and slopes. Furthermore, there is a wet handling course.



Driving-dynamics area
The driving-dynamics area with its smooth asphalt surface covering a diameter of 300m is suitable for all kinds of tests and part of the area can be flooded on request.