

BMW GROUP PLANT DINGOLFING. FACT SHEET AND SITE PROFILE.



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BMW Group Plant Dingolfing

Communications

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Aerial view of BMW Group automotive plant 02.40.

Production programme/technologies:	BMW 4 Series, 5 Series, 6 Series, 7 Series and 8 Series cars, as well as BMW iX Component production (incl. e-drive production, body shells for Rolls-Royce) Central aftersales logistics
Annual production volume 2020:	232,000 BMW vehicles
Daily full capacity production:	1,500 vehicles/day
Employees:	17,000 staff
Apprentices:	850 apprentices in 15 occupations
Investments:	Several hundred million euros per year in new models and technologies

BMW GROUP PLANT DINGOLFING SITE PROFILE.

Plant Dingolfing is the BMW Group's largest European production site.

Around 1,500 BMW 4 Series, 5 Series, 6 Series, 7 Series and 8 Series cars, as well as the new fully-electric BMW iX, come off its production lines every day. A total of around 232,000 vehicles were built at the plant in 2020.

Home of BMW's large model series.

As the BMW Group's "lead plant" for the luxury class, Plant Dingolfing has traditionally produced BMW's large model series. Since the early 1970s, every generation of the BMW 5 Series, 6 Series and 7 Series has been built here, including M, plug-in hybrid and Individual variants. In recent years, these have been joined by the 4 Series models, as well as the updated BMW 8 Series. Since July 2021, the plant in Lower Bavaria has also produced the company's new technology and innovation flagship: the fully-electric BMW iX. With a total of six BMW model series produced on site, Plant Dingolfing is one of the world's most flexible car plants.

Region's biggest employer.

Around 17,000 people currently work at the site and 850 apprentices are being trained in 15 occupations. This makes the BMW Group site in Dingolfing not only by far the region's biggest employer, but also one of the country's largest industrial production sites and vocational training facilities. A sophisticated commuter bus system brings employees from all over Lower Bavaria to their workplace in Dingolfing and back home again – with more than 250 buses on the roads every day, clocking up a total of over 40,000 km.

More than a car factory.

In addition to cars, vehicle components such as pressed parts and chassis and drive systems are also produced in Dingolfing. Component plant 02.20 is also home to the company-wide Competence Centre for E-Drive Production, which supplies the BMW Group's vehicle plants worldwide with electric motors and high-voltage batteries for production of plug-in hybrids and pure electric models.

The car bodies for all Rolls-Royce models are also built at the site. The so-called Dynamics Centre, a large storage and transshipment facility at the heart of the BMW Group's central aftersales logistics, provides the global BMW and MINI retail organisation with original parts and equipment.

Dingolfing – A town with a rich automotive tradition.

Dingolfing has a long tradition as a car-building location: It began as the home of mid-sized car manufacturer Hans Glas GmbH – famous in Germany in the 1950s and '60s for its “Goggomobil” microcars. The takeover of Hans Glas GmbH in 1967 by the carmaker BMW, which until then had been mainly based in Munich, marked the beginning of Dingolfing’s history as a “BMW town”, as well as BMW’s expansion. BMW initially relocated production of vehicle components to Dingolfing. In the early 1970s, the decision was made to build a completely new vehicle plant, which would later become Plant 02.40. Commissioned in 1973 in the midst of the oil crisis, the plant has since become a success story for the BMW Group and the region. More than 11 million BMW cars “made in Dingolfing” have since rolled off its assembly lines, winning over customers around the world. Milestones in the plant's history can also be found at: <https://www.bmwgroup-werke.com/dingolfing/de/unser-werk/historie.html>

Successful transformation: Lean, green, digital.

In preparation for future model generations and to remain at the forefront of technological change in the automotive industry, the BMW Group is investing several hundred million euros a year in its Dingolfing location. In this way, it is actively driving the plant’s transformation towards digitalisation, alternative drive trains and sustainability.

Competence Centre for E-Drive Production.

Electrical component production at the plant is currently being massively expanded and the workforce increased to up to 2,000 employees. Between 2020 and 2022 alone, 500 million euros will be channelled into expanding component plant 02.20 – with the aim of being able to produce electric powertrain components for more than 500,000 electrified vehicles from next year. Dingolfing has established itself over the years as the company’s Competence Centre for E-Drive Production, supplying not only the site’s own vehicle plant – but also the global production network – with battery modules, high-voltage batteries and e-drives for electric BMW and MINI models.

The site has a long history when it comes to alternative drive trains. Component plant 02.10 began supplying parts for the BMW Hydrogen 7 and the MINI E and BMW Active E pilot fleets in the early 2000s. Since 2013, the BMW i3 has also used key electrification components from Dingolfing.

E-mobility and drive train diversity at the vehicle plant.

The vehicle plant began building electrified vehicles in 2016, with plug-in hybrid variants of the BMW 7 Series and – later on – of the BMW 5 Series. By the end of 2020, they accounted for over 8% of total production. The percentage of electrified vehicles is expected to increase rapidly to around 50% by the mid-2020s.

The BMW iX, which became the first pure battery-electric vehicle to come off the production lines in Dingolfing earlier this year, will play an important part in this. All-electric variants of the upcoming BMW 5 Series and 7 Series model generations have already been announced. Pure electric vehicles like the BMW iX are already being manufactured efficiently, with the flexibility to make substitutions, on a single assembly line alongside plug-in hybrids and models with internal combustion engines.

The BMW iX – paving the way for future technologies.

In July 2021, the Dingolfing site began building the BMW Group's new innovation and technology flagship, the BMW iX. The BMW iX combines all key automotive technologies of the future in a unique way – from automated driving to electrification and lightweight construction to digital services and an ultramodern display and operating concept. Around 400 million euros have been invested in integrating this new model at the Dingolfing vehicle plant alone. The BMW iX paves the way for future technologies in many areas. For example, its product modules and newly established manufacturing and validation processes will also benefit future generations of the BMW 7 Series and 5 Series.

Unique to production of the BMW iX is the high level of in-house activity and close cooperation between individual technologies at the location – such as on in-house production of the lightweight body or electric powertrain components, which are all manufactured on site.

Carbon-neutral production from 2021

The BMW iX is also setting new standards for sustainability – and not only through locally emission-free driving and the use of sustainable materials: Production of the new technology flagship at Plant Dingolfing relies exclusively on regional and directly sourced green hydroelectric power from the Isar and Lech rivers. The BMW Group production site in Lower Bavaria aims to further reduce the carbon footprint of its manufacturing processes significantly overall. In concrete terms, the goal is to lower CO₂ emissions per vehicle by 80% by 2030. The plant is already applying numerous other levers to achieve this: from building technology to energy-efficient installations to increased use of renewable energies. Other aspects of sustainability at the site range from packaging planning through transport logistics and recycling, up to and including topics such as biodiversity or water management. Plant Dingolfing is therefore able to achieve a recycling rate of just over 90% and an even higher recoverability rate of more than 99%. The plant's own wells supply over 40% of its water needs, thereby helping conserve the region's drinking water reserves.

The whole site will also be net carbon neutral from 2021, through the use of corresponding climate certificates.