

Issue 08



FRANKE INNOVATIV

The Magazine for Customers and Partners

SPECIAL EDITION

**Plant 5 - Space
for the Future**





Dear customers & partners,

With the inauguration of our new production plant Plant 5, we are opening a new chapter in the history of Franke. Plant 5 is the largest investment to date and a visible sign of fundamental change. Under the motto of Franke 2020, profound changes were initiated in the fields of investment, organization and corporate culture.

Over the past ten years, we have invested a lot of energy in the development of special bearings for highly dynamic applications. Thanks to concentrated development work as well as good quality and delivery reliability we were able to win many well-known customers for such bearings in special branches.

This product group will be manufactured in plant 5 in the future. Plant 5 is a further step towards the reorganization of the company by product group, thus duplicating the successful organization of our linear systems in plant 3. Our experience has shown that this will lead to fundamental improvements in terms of delivery reliability.

With new capacities, new organization and a motivated team, we feel well prepared for future tasks.

The management of Franke GmbH
Daniel Groz & Sascha Eberhard

Plant 5 in Detail



According to the shape of the available property we have adjusted the production building to the maximum limits to make the best use of the space.

Plant 5 borders directly on the company's premises and extends the surface area by 2,500 sqm. In a further construction phase, a warehouse and logistics building is being built to accommodate the raw material for production.



The floor area of the building consists of a rectangular main hall with a flanged attachment. The production area extends over the entire ground floor.

More than 450 pile foundations were anchored up to 10 meters deep in the ground. The base plate is 40 cm thick and provides a secure base for vibration-free placement of the machines. Individual areas of the ground - such as the measuring room



and test booths - are decoupled from each other in order to avoid mutual interference by vibrations.

Like the building itself, the material flow could be planned very well. The entire warehouse and production area is on one level. This results in short distances and a nearly ideal flow of material.



HIGHLY DYNAMIC WIRE RACE BEARINGS

Plant 5 summarizes all relevant areas for the manufacture of highly dynamic bearings. An optimal production flow and modern machines ensure short processing times.

Efficient production planning leads to high production quality of the products. At the same time other areas of the company gain new space for their own development.

New spaces will be created there in order to modernize the other plants of production technically and to optimize processes in production and administration.

Facts & Figures

Start of plannings:	September 2015
Start of built:	Juli 2016
Start of machining:	September 2017
Completed:	November 2017
No. of working places:	40
Size of property:	3.981 sqm
Size of building LxWxH:	72 x 28(54) x 9 m
Production space:	2.500 sqm
Office/technique space:	900 sqm
Energy saving class:	KfW 70
Heating system:	Gas & Heat recovery
Air condition:	automatical
Lighting:	LED
Photovoltaic system:	delivers 70 kWp

Environment and Energy

Not only in terms of architecture, but also in terms of energy consumption and work climate, state-of-the-art technologies have been used. Building insulation, alignment of the windows, sun protection and ventilation system are state of the art and ensure a consistently comfortable building climate using an automatically controlled system.

The ventilation system has components for heat recovery for the winter period. Hot and cold air can be used for heating or cooling depending on the weather.

High-quality LED bulbs ensure a uniform and glare-free illumination of the entire hall.



The photovoltaic plant on the green roof produces electricity, which is used for the operation of the hall as well as fed into the public grid.

NEW: Plant 5 - Production of High Dynamic Bearings

In the new plant 5 all manufacturing steps are brought together, which are necessary for the production of highly dynamic special bearings. Here, production equipment, quality assurance, test and inspection booths are located and enable an optimal production flow.

Plant 3 - Production of Linear Systems

The combination of all production steps for linear systems under one roof has proven itself for many years and is regarded as a blueprint for flexible and controllable production. Team spirit, quality and delivery reliability are the model for the future direction of the entire company.

Plant 1 & Plant 4 - Produktion Wire Race Bearings / Offices

There will be space in order to optimally align the bearing production according to value streams. We can meet increasing requirements such as lot sizes from 1 piece, short delivery times and high delivery reliability with a powerful organization. The highest level of customer service in standard and special bearings is our aim.

Plant 2 - Production of Wire Race Bearings (Housing Parts)

Machines moving from plant 2 to new plant 5 leave room for new resources. The capacities of the machining plant are increasing. With new utilization planning, we will be able to respond flexibly to demand peaks in the future.

TECHNICUM - Training / Research / Laboratory / Maintenance

The TECHNICUM will create space for training and ideas and will connect with the inventor spirit in our region: the early Romans already have characterized the term Technicum. The Franke Technicum unites the training, production development, workshop and the Franke laboratory. All training-relevant machines, as well as the assembly and testing facilities of the R&D department, find their place here. In addition, offices, meeting points and assembly areas are created. By combining these areas, we are leveraging synergies between training and development. The teams are already working together successfully. Our company training is becoming more attractive and meets the ever-increasing demands on a modern industrial company.

Growing step by step. For our Customers.

Heading for the Future:



Franke 2020

Investments Plant 5

Machinery
Tools & Devices
Technicum
Canteen
Office Space
Entrance/Reception

Organisation

Product Groups:
- Special Bearings
- High dyn. Bearings
- Linear Systems
Teams organized by product groups
Matrix Organisation

Corporate Culture

Brand Values:
- innovativ
- competent
- reliable
- flexible

1930
Erich Franke invents the wire race bearing

1950
- first exhibition
- Company settles in the Obere Bahnstraße

1970
- Development of new linear systems
- Plant 2 is being built

1990
- Development CT-bearings
- Development Aluminum Roller Guides
- Plant 3 is being built

2010
- Bearing up to Ø 2 m
- Light weight bearings from CFK and 3D-Print
- Franke Sales App

1930 1940 1950 1960 1970 1980 1990 2000 2010 2015 2020

1940
- first product catalogue

1960
- New rotary tables
- Egon Franke becomes general manager

1980
- Bearings for knitting machines become serial application
- New general managers: Michael Helbig/Gerhard Groz
- New building for offices

2000
- First website
- New general Managers: Daniel Groz/Sascha Eberhard
- Communication- and trainings-center is being built

2015
- Franke 2020: whole company organisation is changing massively.
- Plant 5 is being built



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