Industrial buildings / halls

Production Logistics Retail
Contents

Impressions .......................................................... 4

01 Industrial buildings / halls ........................................ 12
  Diverse uses ......................................................... 14
  Production buildings ............................................ 16
  Logistics buildings ................................................ 18

02 Holistic concepts .................................................. 20
  Consultancy ......................................................... 22
  Planning ............................................................ 24

03 Individual architecture ............................................. 26
  Façade variants ..................................................... 28
  Windows, gates & doors ......................................... 30
  Office spaces ....................................................... 32

04 Systematic modular construction ................................ 34
  Building concept .................................................. 36
  Supporting structure ............................................. 38
  Design ............................................................... 40
  In-house production / Assembly ................................ 42

05 Future-oriented equipment ....................................... 44
  Room structure ..................................................... 46
  Building envelope ............................................... 48
  Hall fittings ......................................................... 50
  Building services ................................................... 52
  Electrical engineering ............................................ 54
  Outdoor facilities ................................................... 56
  Energy ............................................................... 58

06 Comprehensive support .......................................... 60
  Commissioning service ........................................... 62
  Building management ............................................ 64

07 GOLBECK – The company .......................................... 66
Impressions

What does the perfect hall look like?

There can be only one answer to this question: custom-made in form and function and at the same time economical in every respect. The solutions that we develop for you are as unique as your sector, your business operations and your company. Halls that are individual in form, function and sustainability, which we implement in the best possible time.
The future thought out in advance

A new location, a requirement for more space, optimised processes, greater energy efficiency: There are many good reasons for building a new hall or extending an existing one. GOLDBECK is at your side. With many years of experience and the knowledge to implement building requirements economically.
For all sectors

Diversity meets success

Every sector has its own requirements, whether for private use or for leasing purposes. GOLDBECK builds tailor-made halls with the ability to be flexible to meet customers’ needs. For every use, in every size, from the small, precision manufacturing plant to the production hall to the logistics centre.

- Production halls
- Logistics buildings
- Cold storage and deep freeze storage
- Exhibition halls
- Sales halls

GOLDBECK halls are custom-made for all sectors – from production to logistics to retail.
Production halls

Tailor-made for your processes

The heart of every industrial company beats in production. Raw materials are turned into quality products here. Man and machine unite in high-performance choreography. We have your production processes firmly in view and consider future developments for them. You will receive the production space that you need both today and tomorrow for a successful business operation.

- Filigree supporting structures
- High demands on building services engineering (HVAC)
- Flexible for changes and extensions of use
- Bright, open working atmosphere
- Resilient, wear-resistant hall floors
GOLDBECK understand that in Logistics, speed counts, which is why we build our logistics buildings in the best possible time. By doing so this gives rapid processes a high performance framework, precisely adapted to your goods flows. A space that is largely free of support columns means that you gain extra space for transporting, order picking and storage. We manage the optimum structural requirements so that your goods reach their destination quickly and efficiently.

- Greatest freedom from support columns
- Large area layout
- Optimum transport routes
- Perfect transport connections
A construction project is much more than just erecting a building. We accompany you comprehensively from the selection of a suitable plot, through the complete planning and construction work, to the long-term management of your hall. We are at your side with a multitude of sophisticated services and our personal support. This makes collaboration reliable and provides you with more space for your day-to-day business.
Comprehensive consultancy

In person from the beginning

The building of a hall is a complicated process with much to consider. GOLDBECK have the knowledge and experience of every aspect required. This starts with the regional circumstances and extends to the individual details of the equipment. Thanks to the latest technology, you will receive in advance a meaningful picture of just how your GOLDBECK solution will look. You can digitally configure structures and take in the effects of various materials.

- Plot selection
- Legal framework conditions
- Size and scope of the project
- Energy consultation
- Profitability analyses
- Equipment options
Integral planning
Together in pursuit of success

With halls from GOLDBECK, optimum form and function meet low operating costs and certified sustainability. This is due to our integral planning. In our planning teams, architects and engineers from construction planning and building technology work hand in hand. Planning expertise converges here with interdisciplinary expert knowledge and much hall construction know-how.

- A clear picture of the property at an early stage
- Full planning and cost security
- Clear interfaces
It is true that individual architecture and design depends on the inner values but the buildings also need to be attractively packaged. GOLDBECK combines functionality with aesthetics and gives each hall an expressive face. This results in productive business units – adapted to urban development requirements and in accord with your corporate design.
The façade is much more than just a functional outer shell that provides protection. As a visual figurehead, it defines the external impact of your company and shapes the environment. There is a multitude of materials, shapes and colours available to give your hall a distinctive appearance. Let yourself be inspired! On request, we can plan and build façades individually according to your wishes. Talk to us!

- Sandwich, trapezoidal metal sheet, corrugated, concrete or panel façade
- Flexible for later conversions
- High energy efficiency
- Combinations of various elements and materials possible
- Multitude of colours and patterns

Discover the diverse examples of GOLDBECK hall façades.
Windows, gates & doors

Connections that count

The typical connection from outside to inside, a healthy working atmosphere, fast loading or unloading. Our gate and door systems provide tailor-made interfaces between man, truck and building. Horizontal and vertical light bands as well as punched windows let natural light into the building and offer numerous individual design possibilities.

- Various door systems
- Access and escape routes
- Efficient loading technology
- Light-flooded areas
Office spaces

The perfect addition

Intensive office work requires a special room. We will be pleased to extend your hall with the addition of modern office spaces. Whether it be an installation or an extension, we will create connections in both spatial and communicative ways, and combine short paths with useful structures. You will receive a room design that matches your working culture exactly. A prestigious and performance-enhancing ambience in which employees and customers feel equally comfortable.

Office spaces as:
- Supervisors’ extension
- Hall installation
- Integrated mezzanine
- Stand-alone office building
Every GOLDBECK hall is unique. The basis: a clever construction system with systemised modules. These perfectly coordinated building blocks are the reason why we can build individual halls quickly and economically, at the same time guaranteeing consistently high quality.

- Controlled quality
- Large quantities
- Short and efficient build time
- Individual buildings
- Use-oriented flexibility
- Cost and planning security
- Long lifetime
- On schedule
- Just-in-time delivery
- Well-engineered details
The GOLDBECK system of construction is based on the modular principle. The individual components fit together and can be combined and assembled into a never-ending variety of configurations ensuring buildings are tailor-made to suit your individual needs. Thus the basic rectangular shape of a hall can be extended into an angular or U-shaped form, or be augmented by additional bays.

Building concept

Custom-made flexibility

- Various structural systems in steel and concrete, depending on requirement
- Single bay or multiple bay construction
- Large overhead clearance
- Technical equipment
Supporting structure

Safety in steel and concrete

The supporting structure is the basic framework of every hall. It provides stability even under high load bearing. Our structural engineers determine the economically optimum interplay of span, load and freedom from support columns. Of course we take account of the integration of building technology or the installation of crane systems.

- Optimum and economical interplay of span, load and freedom from support columns
- Integration of building technology at the framework level
- Installation of crane systems/conveyor technology

Steel and concrete columns with trusses and crane track

Steel column with truss

Reinforced concrete stilts with trusses

Frame construction with trusses and crane track

Frame construction with solid wall sections
In the long term, a GOLDBECK hall provides you with the optimum framework conditions for successful business operations. Why is that so? Because we pay particular attention to every detail. No matter whether it concerns civil engineering, supporting structure, firewall, floor or roof. We think along holistic and interdisciplinary lines and select only materials that have been thoroughly tested.
Production and Assembly

Quality in the best possible time

3, 2, 1 – finished already. What continues to astonish builders is for us quite normal: We build quality in the best possible time. Most system elements are produced in our own manufacturing plants in Germany and the Czech Republic: regardless of the weather, in defined processes and with the latest technology. Only the final assembly is carried out on the building site – by our fitters, who are perfectly coordinated with one another.

- Short build times
- Cost efficiency
- High quality
- Hardly any weathering influences

Assembly of GOLDBECK concrete columns and trusses on the building site. All elements are coordinated. Build times can be significantly reduced this way.
Equipment

Everything inside and out

What do I need? Which technology makes sense? How can my wishes be implemented cost-effectively? There are many questions to be considered when equipping a hall. Our experts will advise you in matters of technology, safety, efficiency and visual appearance. You will benefit from the combination of proven standards and innovative concepts.
Room structure
Systematic free space

What do your requirements for the individual parts of the hall look like? How much free space do you need? Where do the social rooms make most sense? A well thought-out structure is a prerequisite for successful business operations. With us, you will get the space that you need: Halls that combine short distances, sensible partitioning and a good working atmosphere with one another.
Building envelope

Form meets function

What would a beautiful face be without the inner values? GOLDBECK façades impress not only visually, but also as a result of a multitude of technical features. The optimum, adapted to the use of the hall, insulation helps to save energy and provides a comfortable working climate. A dedicated lighting concept is part of our overall planning – for a bright, healthy and productive working atmosphere. Façade supplements such as, e.g., canopies and ladders round off the building envelope.
Only proper design makes a hall efficient. It’s good that you can count on us for comprehensive experience of the sector. Whether it be automobile parts, plastic materials, food or pharmaceuticals, warehousing or production – we know all about footprints, maintenance walkways, power supply and the requirements for the hall floor. We are also happy to take care of cranes, compressed air plant, mechanical components or the fixtures for office and social rooms. As the main contractor, we will equip your hall with everything that you need – functionally and cost-effectively.
Building services

The use is firmly in view

Water, heat, technical gases, fresh air – for us, building services are a permanent part of the overall concept. Right from the start, our planners work closely with the experts from building management. In interdisciplinary teams we consider how to make the use of your hall as constructive and cost-effective as possible. The result: A building in which all the technologies are interlinked in the best possible way and are adapted to the structural requirements.
Production installations, lighting, office communication, video monitoring, intruder alarms, fire protection – none of this would work without power. We will power up your hall perfectly. As early as the planning phase, electrical technology is an important component of our building design. We direct the energy into the correct paths and provide you with well designed technology for measuring, controlling and regulating. And with that, the prerequisite for energy-efficient operation of your building.
Outdoor facilities

Design for open areas

The outside facilities also contribute to the appearance of your company. Wide access roads, ample parking facilities, sturdy fences – we know what it depends on. But you can trust us even with the design of your open areas. From tasteful planting to stage-managed lighting, we will give your building a harmonious and low-maintenance setting.
Halls that are profitable – that is our aim. A clever energy concept is your way there. What kind of energy supply is recommended? How can we utilise existing energy? Where can energy be conserved expediently? We give the decisive answers to these questions as early as in the planning phase. How far we go during planning in the direction of sustainability is for you to decide. We would also be happy to realise a CO₂-neutral building which has self-sufficient production of up to 90% of its power requirement from solar energy and can itself use electrical storage facilities. For us, it is important to find solutions that are both economically and ecologically expedient.

- Energy consultation
- Building simulation to develop optimum energy concepts
- Energy generation by solar installation, cogeneration unit or heat pump
- Energy conservation by avoiding losses
- Use of existing energy, for example the waste heat from machines
- DGNB (German Sustainable Building Council) multiple certification
Comprehensive support

We won’t leave you alone

Production and logistics halls, with their technical equipment, electricity and energy supply are highly complex buildings. We won’t leave you alone with them! GOLDBECK commissioning managers will accompany you step by step: from planning through acceptance to the successful normal operation of your property.
Commissioning service
The optimum start

The questions begin when the keys are handed over. For new buildings are highly complex “organisms”, the functioning of which is not self-explanatory. The GOLDBECK commissioning service will accompany you step by step to successful normal operation of your property.

Phase 1
Planning
The basis for the operation of the building is laid down in the building concept; consequently the commissioning manager advises proactively here.

Phase 2
Commissioning and acceptance
As a partner at your side, the commissioning manager checks that the technical installations and systems are optimally set for start-up in the building.

Phase 3
Operation in the 1st year
In the first year, the commissioning manager checks and optimises all the components essential for the operation of the building.
Building management

Everything under control

Do you want to concentrate on your day-to-day business with the reassuring feeling that the care and maintenance of your hall is in the best hands? Then you should speak to our GOLD BECK building management team. Our colleagues will guarantee that everything is running smoothly from the technical installations to operational safety.

- Building maintenance
- Quality control
- Cleaning
- Winter service
GOLDBECK – The company

design build service

GOLDBECK designs, constructs and manages commercial properties, focusing on industrial and logistics halls, office buildings and multi-storey car parks. Furthermore, the company designs and builds schools and sports centres, hotels, retirement properties, children’s day-care centres and solar installations. The range of services also includes building management as well as building redevelopment. GOLDBECK is a partner for both small and medium-sized businesses and for large companies, investors, project developers and public sector customers. As a family company, we foster a culture of values. Cooperation is defined by commitment, humanity and a sense of responsibility.

Expertise on site – always nearby

It’s good if there is always a contact person nearby. It’s even better if he knows the regional conditions. Best of all, however, is when he can pull all the threads together and can answer all of your questions competently. Our branch network makes it possible – in Germany and throughout Europe!