

— MODULAR SYSTEM HALL

# A focused steel system for storage, production, agriculture and sports.

Standardized galvanized profiles, bolted assembly and structural families verified for each project.

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**15-25 m**

standard product range

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**6 m+**

eaves height options

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**Modular bays**

longitudinal expansion

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**Project-specific**

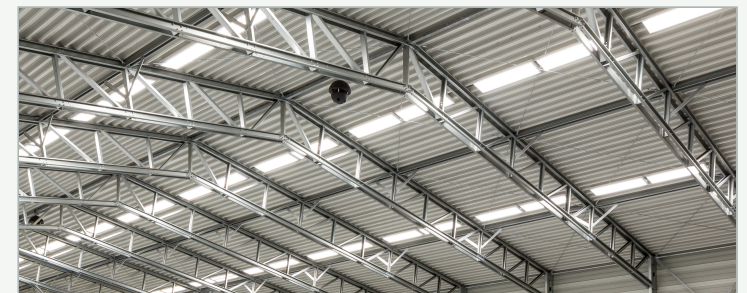
analysis and delivery



— THE EKO HALL APPROACH

# Industrial buildings assembled from standardized parts and configured around real use.

Ekohall brings span, height, bay layout, cladding and operational needs together within one coordinated system.





— **PRODUCT PROGRAM**

## Six core packages plus project-specific wide-span solutions.

### **EKO-600**

**15 x 40 m**

600 m<sup>2</sup> / agriculture, storage and small operations.

### **EKO-640**

**16 x 40 m**

640 m<sup>2</sup> / workshop, service and storage.

### **EKO-P 800**

**20 x 40 m**

800 m<sup>2</sup> / clear-span storage, production and logistics.

### **EKO-P 1000**

**20 x 50 m**

1,000 m<sup>2</sup> / the flagship package for growing operations.

### **EKO-LONG 1000**

**16 x 64 m**

1,024 m<sup>2</sup> / long sites and linear process flow.

### **EKO-MULTI 1200**

**30 x 40 m**

1,200 m<sup>2</sup> / two spans with a central column line.

## 25 m clear span

Wide-span storage, sports and production buildings are configured according to local loads, door openings, cladding and operating requirements.



— **EKO-P FLAGSHIP RANGE**

## Efficient and easily scalable at a 20 metre span.

EKO-P 800 and EKO-P 1000 are designed for commercial and industrial projects that need a broad, uninterrupted interior.

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### Clear-span interior

Freedom for racking, vehicles, benches and equipment.

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### Longitudinal modules

40 or 50 metre starting length, extendable by adding bays.

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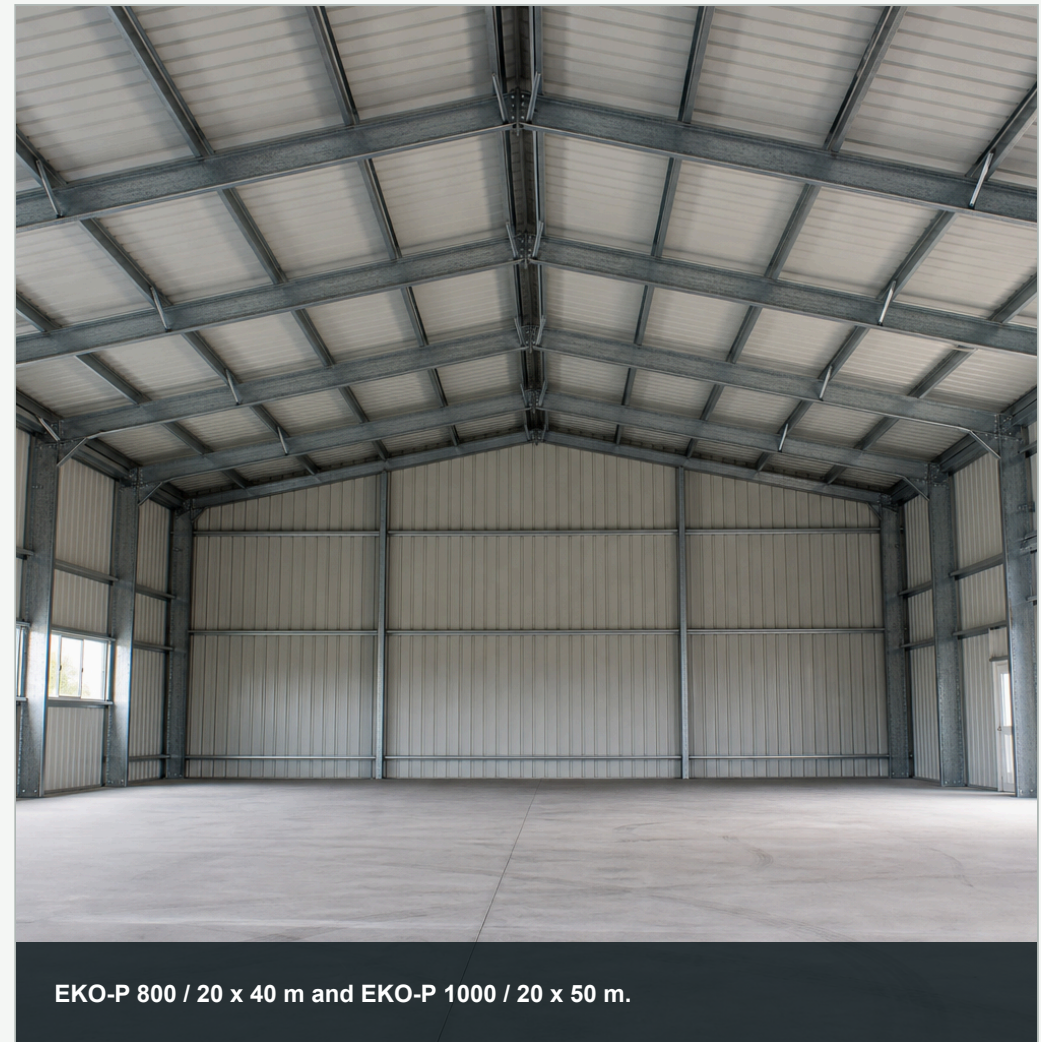
### Bolted system

Coded parts and a repeatable on-site assembly sequence.

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### 6 m eaves

Height options coordinated with operations and door requirements.



EKO-P 800 / 20 x 40 m and EKO-P 1000 / 20 x 50 m.



Natural ventilation, generous access and an operation-specific interior layout.

— EKO-600 / EKO-640

## An economical scale for agriculture, equipment and small operations.

The 15 and 16 metre span ranges are positioned for simple, expandable buildings with a controlled initial investment.

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### Livestock shelter

Side openings and ridge ventilation can be incorporated.

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### Feed and equipment

Large doors and vehicle access are planned around the use case.

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### Workshop and service

Adaptable for maintenance, storage and light production.

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### Longitudinal growth

Usable area can expand by adding new bays.



— LONG AND MULTI-SPAN BUILDINGS

## Two growth strategies shaped by site geometry and process flow.



### EKO-LONG 1000

16 x 64 m

1,024 m<sup>2</sup>

A linear solution for narrow, long sites where storage, service or production flow must continue without interruption.



### EKO-MULTI 1200

30 x 40 m

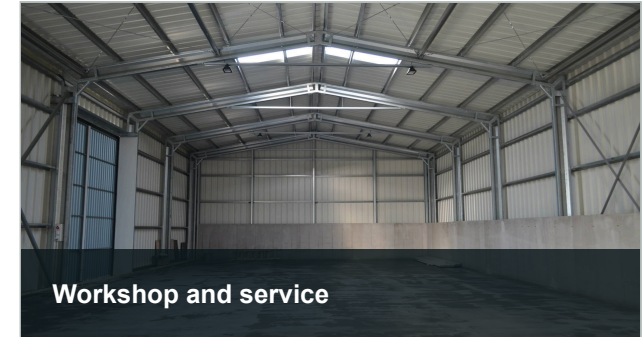
1,200 m<sup>2</sup>

2 spans

An economical way to cover a large area where an intermediate column line does not restrict operations.

— APPLICATIONS

## Industrial simplicity adapts to different sectors.



**One structure,  
different envelopes**

Doors, windows, daylight panels, ventilation, canopies and cladding are coordinated with the structural system.



## — ROOF AND WALL ENVELOPE

# Cladding selection defines building performance and budget.

### Trapezoidal sheet

Economical, lightweight and quick to install, with added layers where condensation or insulation requires.

### Sandwich panel

For storage, production, sports and commercial volumes that require thermal insulation.

### Doors and daylight

Sectional, sliding or large industrial doors plus roof and wall daylight solutions.

### PV-ready design

Solar panel loads and fixing arrangements are evaluated during the project stage.



Roof, wall and accessory packages can be configured separately.

— PROJECT PROCESS

## Five defined steps from quotation to delivery.

01

### Requirements

Width, length, eaves height, location, use and openings are received.

02

### Package

The product family, bay arrangement and preliminary scope are selected.

03

### Engineering

Loads, structural system and stability members are analysed.

04

### Production

Profiles, connections and assembly sets are prepared with part codes.

05

### Delivery

Shipment and erection sequence are managed to the project program.

## Engineering included

The structural system is delivered with analyses based on project conditions. Final profile, connection and anchorage decisions are confirmed using project-specific data.



## — PROJECT SCOPE

# We define the scope clearly from the start.

Structure, cladding, transport and erection can be defined as separate packages.

|                          |                                                                                                    |                     |                                                                                                           |
|--------------------------|----------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Structural system</b> | Primary and secondary members, bracing, connection components, bolts and anchor sets.              | <b>Project data</b> | Location, ground/foundation information, use, cladding, openings and special loads.                       |
| <b>Options</b>           | Trapezoidal sheet, sandwich panel, gutters, accessories, door/window framing and special openings. | <b>Verification</b> | The final system is defined through structural analysis, serviceability and connection checks.            |
| <b>Execution</b>         | Transport, crane and erection services are planned separately for the project location.            | <b>Quotation</b>    | Preliminary package price, delivery period and scope are finalized in the project-specific written offer. |