

Flexible

Relocatable

Cost effective

new
generation



Giertsen Hall

Quality and product development since 1875



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Giertsen Hall NG1

Quality based on 40 years experience within Aid & Relief



NG1 Steel

- 10 x 24/32 m
- Galvanized steel frame
- Weight 2.750 kg
- Installation 6-8 persons 1 day
- Modules 4 m sections



NG1 Aluminum

- 10 x 24/32 m
- Aluminum frame
- Gross weight 1.600 kg
- Installation 4-6 persons 1 day
- Modules 4 m sections

PVC cover

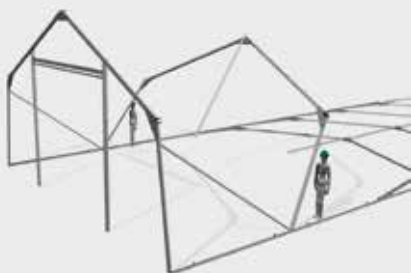
- Flame retardant
- Snow-load 0,75kN
- Wind load 32 m/s
- Door opening 4,1 x 4 m

Storage space

- Approximately 500 m³ storage volume for 10x24 m

New and improved installation manual

- Safe installation
- Fast installation
- Self-explaining illustrations
- "Step by step" installation



- Designed according to the technical specification of World Food Programme (WFP)
- Rigid frame and fewer components makes logistics easier
- Easy, fast and safe installation
- Until 7 units in one 20" container

Giertsen Integrated Solar Power (GISP)



Successful pilot project in Dadaab, Kenya

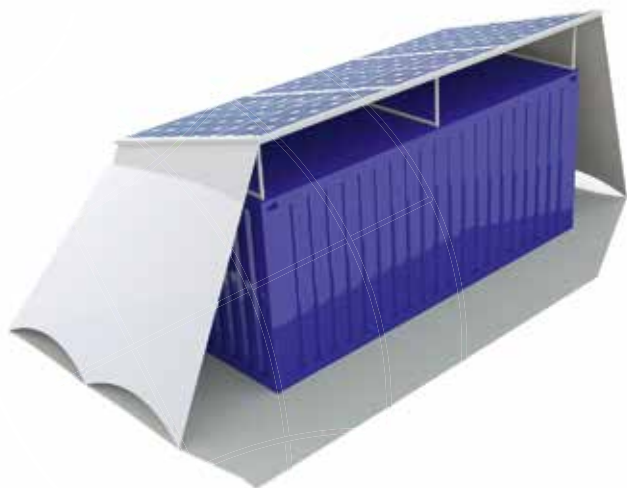
- No CO₂ foot prints
- No fuel costs
- No logistic
- Limited maintenance
- Environmental friendly
- Reduced vulnerability to power loss
- Energy independence
- Maximum reliability
- Online monitoring system
- Ready for hybrid solutions

The payback time for investing in GISP is influenced by various parameters as diesel cost, life span of diesel generators, logistic programs, maintenance, spare parts, security transport and miscellaneous.

GISP is based on state of the art components to ensure sustainable energy and limited maintenance. The green electrical power eliminates the carbon footprint.

GISP is a plug and play solution ready to connect to any kind of hybrid solutions. The different solutions is tailor-made to fit the

- NG15 multipurpose hall 6 x 15 m; 12,8 kWp
- NG1 10 x 24 m; 34, 5 kWp plus additional 3 kWp if solar also is mounted on the container station.



We Cover the World

Giertsen Hall NG15



Features:

- 6 m wide and modular sections of 3 meters starting from 6 m (6 x 6 m).
- Aluminum framework of high quality
- PVC fabric, flame retardant
- With or without windows
- Two folding doors 2 x 2 m is standard
- Withstand windload of 30 m/s
- 6x6 m – 36 sq.m: 410 kg: 20 units/20' container
- 6x9 m – 54 sq.m: 520 kg: 16 units/20' container
- 6x12 m – 72 sq.m: 630 kg: 14 units/20' container
- 6x15 m – 90 sq.m: 740 kg: 14 units/20' container
- Fast, easy and safe installation

Designed according to the technical specification of World Food Programme (WFP)



Accessories:

- Sun shader
- Whirlybird ventilation
- Ventilation hood
- Mezzanine
- Solid door
- Flooring system
- Inner canvas
- Insulated hard walls
- Giertsen Solar Panels
- Solar Lantern
- Storm kit

Multiple fields of use:

- Class room
- Transition shelter
- Meeting room
- Workshop
- Accommodation
- Nursing
- Hospital
- Car parking shelter
- Storage hall
- Peace keeping
- Dining hall



NG3 – a quick overview

- Cost effective
- Width: 10, 12, 15, 20 and 25 meters
- Length: Unlimited, 4 meter modules, 5 meter modules for Africa
- Wall height: 3,4,5 and 6 meters
- Great storage and flexible logistics
- Fans and ventilation system available
- Various types of gates and personell entrances
- Quick installation
- Lightweight construction
- High quality canvas
- High re-sale value

GiertsenHall – The relocatable building system

NG3 suits you requirement for temporary or permanent storage or production location in most environments. The lightweight prefabricated construction is made of fire resisting and UV-protected canvas and high quality galvanised steel.

CONSTRUCTION AND INSTALLATION

Our in-house engineering department can adapt all Giertsen halls to your needs, as well as local requirements and building regulations. Installation is easy, quick and safe and we offer supervisors or a full technical team for construction and dismantling on short notice.

EXTRA OPTIONS

Folding gates, uplift gates, windows, inner lining, insulation, heating, cooling, various etc. are optional according to your needs.



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Giertsen Hall NG5

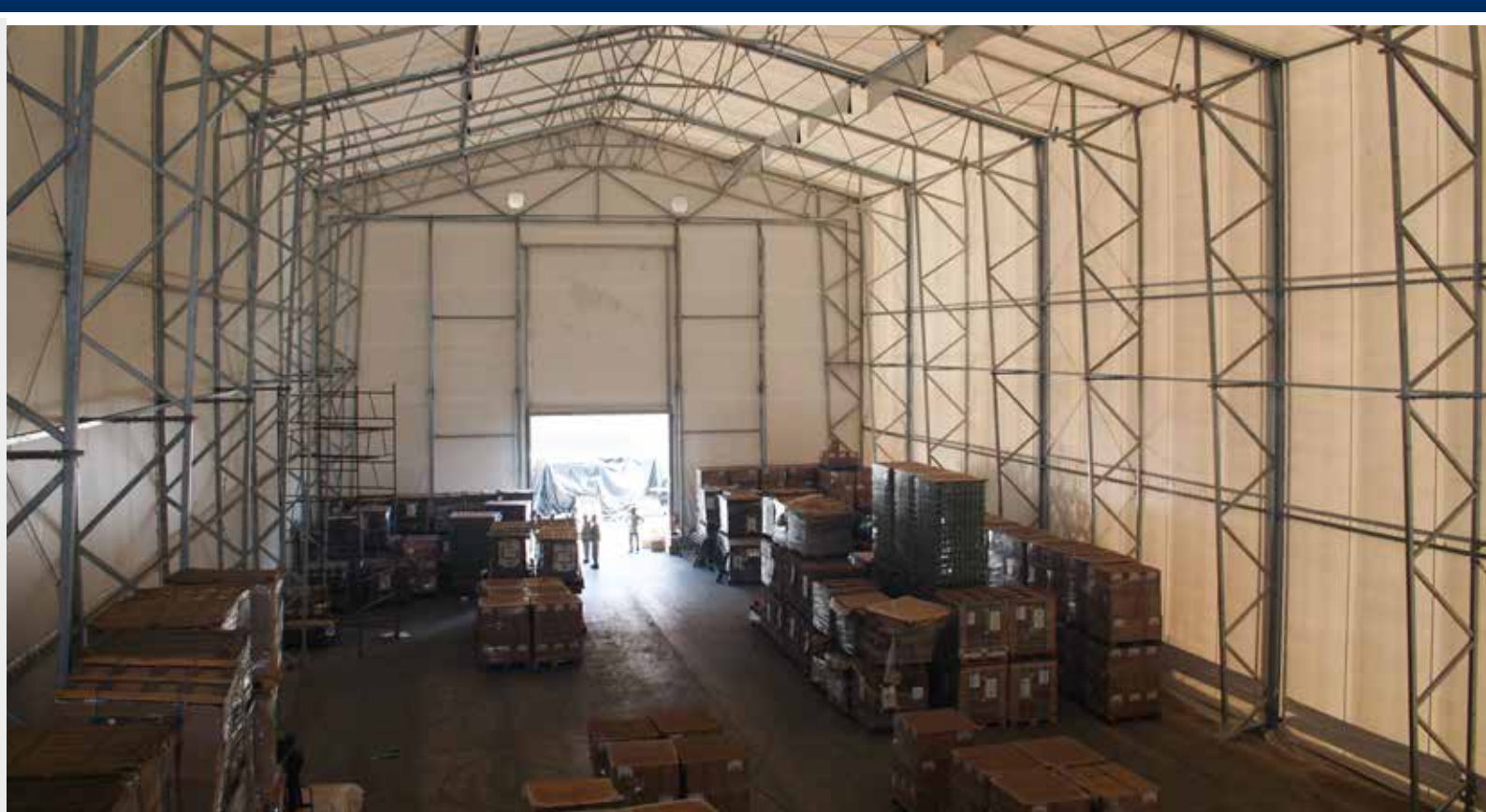


Multiple fields of use:

- Storage hall
- Production hall
- Maintenance hall
- Hangar
- Sports hall
- Concerts and arrangements



– when size and quality matters



Features:

- State of the art design
- Cost effective
- Large storage space for flexible logistics
- Various types of gates and entrance doors
- Quick installation
- Lightweight construction
- Double coated, high strength PVC fabric
- Span from 10 to 40 metres
- Wall height from 3 to 9 metres, other heights on request
- Length as required
- Delivered in accordance to the Norwegian building regulations for snow- and wind load

Large storage capacity

Giertsen Hall NG5 suits the requirements for temporary and permanent storage or production facility in most environments because of its spacious and traditional form. The hall is a lightweight, prefabricated construction made of high quality galvanized steel. It is covered in PVC canvas; a material that is fire retardant, UV stabilised and protected against fungus.

We can offer installation supervisors or full technical teams at short notice to erect or dismantle the hall. This gives our customers the advantage of an easy and quick relocatability, if needed. Giertsen HallSystem AS also offers in-house engineers to customise all Giertsen halls to your needs, as well as local requirements and building regulations.

Optionals:

- Fans and ventilation systems
- Logo
- Various colours
- Dehumidifier
- Inner canvas
- Insulation
- Windows
- Folding gates
- Heating and cooling
- Lighting

We Cover the World

– highly attractive advantages

Giertsen Hall NG7



Features:

- Team of engineers available to customise dimensions
- Quick and safe installation
- Flexible solutions

Giertsen Hall NG7

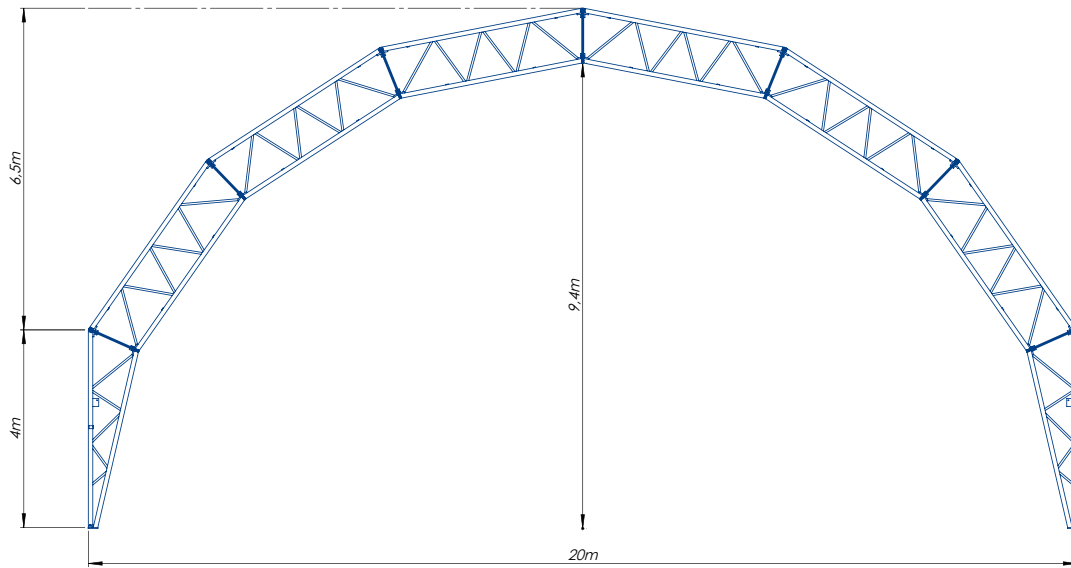
We have delivered aircraft hangars to a number of large airlines, peace keeping and military organisations worldwide. Short installation and dismantle time and low costs are attractive advantages.

The aircraft hangar is mainly used for aircraft material storage and maintenance service but can also be customised to suit your need. It can house a 737W, amongst other.

GiertsenHall NG7 is an ideal and customised aircraft hangar

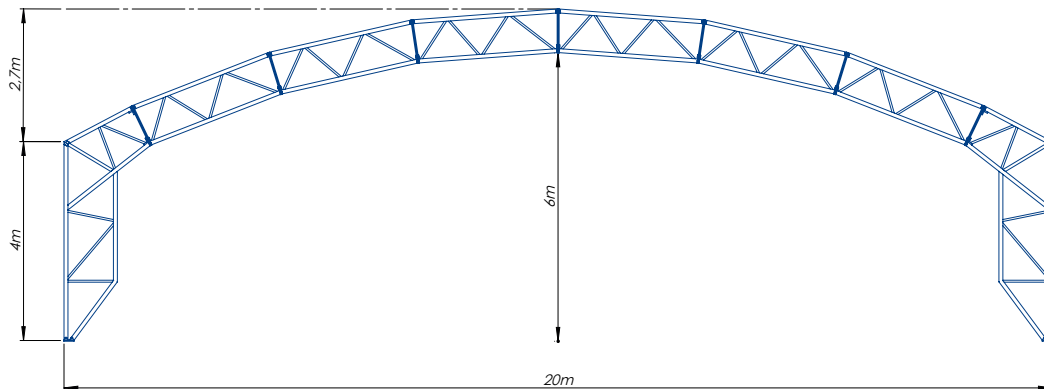
Different design for different needs

NG3



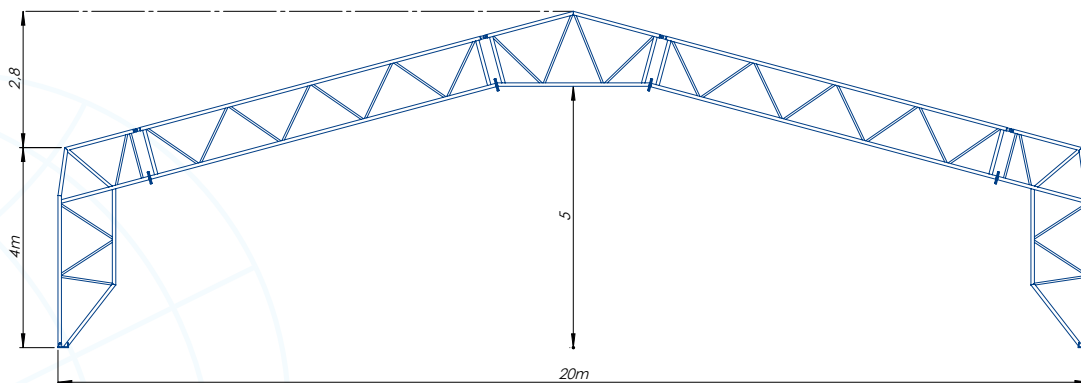
20 m span and 4 m wall - Basic Wind Speed of 30 m/s, Snow Load of 0 kN/m², Service Load of 0,3 kN/m²

NG4



20 m span and 4 m wall - Basic Wind Speed of 30 m/s, Snow Load of 0 kN/m², Service Load of 0,3 kN/m² (Africa model)

NG5



20 m span and 4 m wall - Basic Wind Speed of 30 m/s, Snow Load of 0 kN/m², Service Load of 0,3 kN/m²

Optionals

Ventilation

Whirlybird for all types of halls:

Ventilation generated by wind only. Green and sustainable way of controlling the internal environment of the halls.



Dehumidifiers

Dehumidification for all kind of halls:

Where humidity is a problem - WGH has the solution. Humidifier can be connected to ventilation pipes for better distribution.

Tailor made duct system for higher efficiency is also available.



LED light

LED-light tailor made:

A rugged, simple and "fool-proof" system which is easy to adapt to various conditions and various sizes of tents, halls and hangars. Resists rough treatment and has low electrical consumption making it suitable for our GISP system.



Outdoor security light

LED security light:

Deterrent against unwanted visitors. Long lifespan and durable.



Waterproof el-connectors/wire

Giertsen TH-630 3-way distributor and connectors for lighting cabling system. The connectors are also used by military. Plug-and play and ready to hook up instantly. Tailor made for each hall.



Heat- and smoke detector

Detector 1:

A conventional heat- and smoke detector system with a control unit and wired serial detectors. This is a simple and inexpensive solution.



Detector 2:

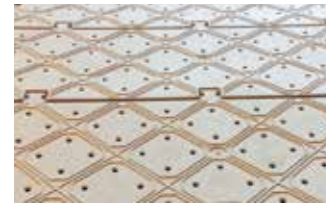
The aspiration heat- and smoke detector system is sophisticated and very easy to install and dismantle; tubes are delivered in sections of 1.5 m or 3 m, connected with detachable joints and are fixed to structure with Velcro or strips.



Optionals

«Roll it out» Flooring

Heavy duty flooring on roll enabling rapid installation. Made to be mounted- and demounted repeatedly. Takes loads up to 5 tons when mounted on a hard and smooth surface. **Insulated flooring:** Can be delivered with high tech-insulation



Solid door

Solid door with lock makes the Multi Purpose hall comfortable as transition shelter, staff house, office, school hall, warehouse or workshop.



Inner canvas

Inner canvas: Where cold or hot climate is affecting the living/work conditions. An insulated inner canvas will keep any hall warmer in cold weather or cooler in hot weather. Can be delivered with insulation with U-value down to 0,42 W/m2K.



Mezzanine

Mezzanine (sleeping loft)

The mezzanine opens for new possibilities: A place to sleep or store and have the living/working space underneath.



Roof sun shading

Sun shading:

Gives a good sun protection and increases the life of the canvas. Various options of fabric: PVC with or without logo, Green, Black woven or Silver woven.



Solar Lantern

Solar Lantern

1.4 billion people have no electricity and depend on the weak and polluting kerosene lamp for studies and work after dark. The Solar Lantern is developed according to the standards of Lighting Africa. This multipurpose solution gives a good, flexible light and a possibility to charge cell phones.



Storm kit

Storm kit

To fix the halls to the ground. For strong winds above 32 m/s.



Ground anchors

Ground anchors with high performance, but low weight and high retractable strength. Possible use: e.g. retaining walls, slope stabilisation, bridge repair, pipelines, guyed structures and erosion control.





Stock Points in several countries

Ghana - Kenya - UAE - South Sudan - Poland - The Philippines - Chile

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