weldon.

PRODUCT CATALOGUE

CONTAINERS

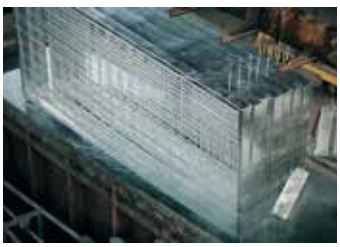
MODULAR BUILDINGS

TECHNICAL CONTAINERS

STEEL STRUCTURES

ACOUSTIC BARRIERS

ENERGY PYLONS



GALVANISATION PLANT

weldon.

CONTENTS LIST

ABOUT THE COMPANY:

- Weldon is one of the leading manufacturers of containers, modular buildings, steel structures of halls and warehouses, energy pylons and acoustic screens.
- We possess rich, long-term experience, necessary for the implementation of complex projects, a team of designers and engineers and a non-destructive testing department.
- We have at our disposal three manufacturing plants equipped with modern machinery, a paint shop and a hot-dip galvanisation plant.
- Our products are distributed and used in many European countries where they enjoy the reputation of being of high quality. With all our products we use licenced semi-products of highest quality.
- Professional installation teams ensure comprehensive service at the investment and operation stage.

QUALITY CERTIFICATES:

- Quality management system **ISO 9001:2015**
- Environment management system **ISO 14001:2015**
- OHS management system per **PN-N 18001:2004**
- Certificate: Quality system in welding per **PN EN ISO 3834-2:2007**
- Certificate: In-house plant production control per **EN 1090 – 1:2009 + A1:2011 ; EXC3 class**
- Certificate: Welding of rail vehicles and their components per **EN15085-2:2007**
- NATO Commercial and Government Entity CODE **NCAGE: 2312H**
- **AQAP 2110:2016**

SOCIAL AND OFFICE CONTAINERS

Social and office containers have been designed for wide circles of individual and institutional customers with particular focus on the construction industry. They contain all structure components that permit efficient logistical handling (e. g. replaceable panels, blocks for slings, etc.).

The social and office containers are used above all as temporary facilities and they prove themselves perfectly in difficult areas as backlots for construction investment projects, gravel pits, mines or with seasonal works. Due to the modular structure the buildings may be expanded as needed.

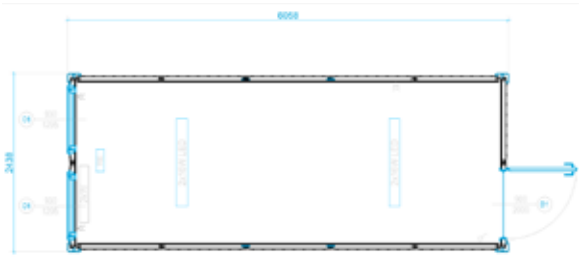
DIMENSIONS	Le = 6058 mm, We = 2438 mm, He = 2800 mm Li = 5850 mm, Wi = 2230 mm, Hi = 2500 mm
STRUCTURE	welded frame of floor, roof ceiling and poles located in corners of the module, structural components coated with anti-corrosion paints in RAL colours, drainage of rain water with PVC gutters inside corner poles.
FLOOR	Galvanised corrugated sheet steel, mineral wool 100 mm thickness, cement-chip panel 20 mm thick, PVC fitted carpet.
ROOF CEILING	Galvanized sheet steel, chipboard, mineral wool 100 mm thick, white laminated sheet 12 mm thick.
MULTI-LAYER EXTERNAL WALLS (PANELS)	Profiled varnished sheet steel, mineral wool 60 mm thick, vapour insulation foil, white laminated panel 12 mm thick
MULTI-LAYER INTERNAL WALLS (PANELS)	Laminated panel, wooden frame, laminated panel
PVC WINDOWS	930 x 1295 mm (RU) white, equipped with external blinds
DOORS	Single-wing, steel, white door, 900 x 2000 mm Internal doors: single-wing white, panel door 900 x 2000 mm, 800 x 2000 mm
ELECTRIC SYSTEM	Lighting and wall outlet system
HEATING SYSTEM	Heating system: electric radiator
PLUMBING	Plumbing of PP piping, waste water drainage of PVC piping; fully equipped toilet (toilet bowl, wash basin, electric water heater, mirror with shelf, toilet paper holder).

At the customer's request, we can provide containers in any selected colours.

SOCIAL AND OFFICE CONTAINER

MS – SB1

This is the basic version of the office container – the open usable area is 13 sq m. The container is equipped with a complete electric system: lighting, sockets, heating.

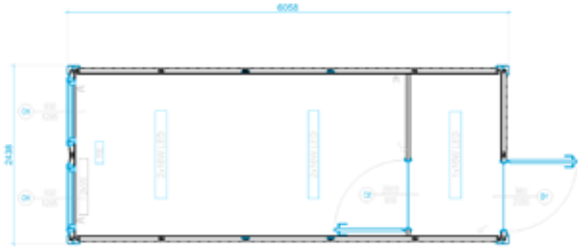


MS-SB1

SOCIAL AND OFFICE CONTAINER

MS – SB2

The MS-SB2 social and office container is a modification of basic office container MS-SB1. Thanks to its internal wall, a vestibule of 2.7 sq m is created. The remaining part of the container has an area of up to 10 sq m of usable space.

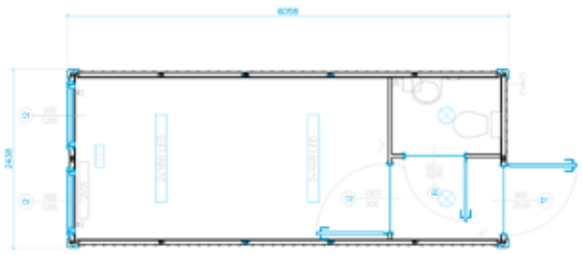


MS-SB2

SOCIAL AND OFFICE CONTAINER

MS – SB3

An independent social/ common segment. Beside the usable area for any intended arrangement, a vestibule is provided and a bathroom with wash bowl and toilet. Recommended for locations lacking a traditional infrastructure.



MS-SB3

SANITARY CONTAINERS

A sanitary backlot is an indispensable component of the majority of buildings and facilities. Containers of such type may be installed both as an integral component of major modular buildings, as well as in the form of independent sanitary units.

They are indispensable with large construction investment projects, at manufacturing plants or transport corridors – roads, parking lots, petrol stations. Frequently used by organisers of mass events to meet sanitary conditions.

DIMENSIONS	Le=6058 mm, We=2438 mm, He=2800 mm, Hi=2500 mm
STRUCTURE	welded frame of floor, roof ceiling and poles located in corners of the module, structural components coated with anti-corrosion paints in RAL colours, drainage of rain water with PVC gutters inside corner poles.
FLOOR	Galvanised corrugated sheet steel, mineral wool 100 mm thickness, cement-chip panel 20 mm thick, PVC fitted carpet.
ROOF CEILING	Galvanized sheet steel, chipboard, mineral wool 100 mm thick, varnished sheet steel (cartridge system).
EXTERNAL WALLS	Profiled varnished sheet steel, styrofoam with a thickness of 75-180 mm, varnished sheet steel
INTERNAL WALLS	Varnished sheet steel, styrofoam with a thickness of 75 mm, varnished sheet steel
PVC WINDOWS	565 x 535 mm (U), white, matte glazing
DOORS	Single-wing, steel, white door, 900 x 2000 mm Internal: single-wing white, panel door 900 x 2000 mm, 800 x 2000 mm
ELECTRIC SYSTEM	Lighting and wall outlet system
HEATING SYSTEM	Electric radiator
PLUMBING	Plumbing of PP piping, waste water drainage of PVC piping
WASHING CONTAINER EQUIPMENT	Toilet bowl, urinal, shower, wash basin, multi-user wash basin gutter electric water heater, mirror with shelf, toilet paper holder
KITCHENETTE EQUIPMENT	Single-compartment sink, fridge, two-burner cooker

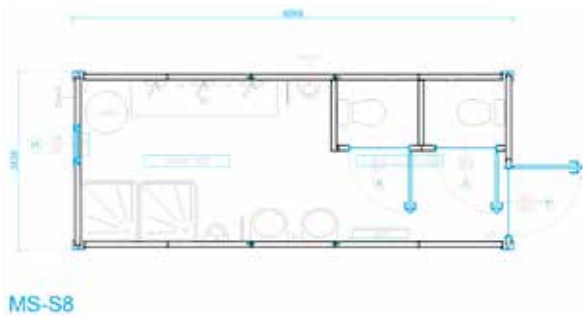
At the customer's request, the container may be manufactured in any selected configuration.

SANITARY
CONTAINER

MS – S8

FULL WASHING AND TOILET EQUIPMENT

Equipment: two toilets, five washbasins (two separate and three in the shape of a single gutter), two urinals and two showers. The module is used independently or as a component in a bigger modular building.

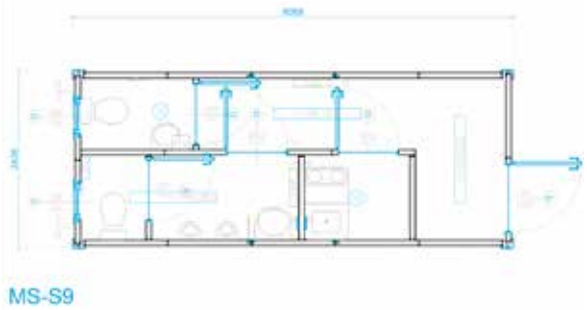


MS-S8

SANITARY
CONTAINER

MS – S9

The MS-S9 sanitary container is a complete sanitary centre with a kitchen backlot. The sanitary centre is divisible, it consists of two parts. The kitchen backlot is a separate container room with kitchen appliances (water tap, sink, electric cooker and fridge). The module is used independently or as a component of a bigger modular building.



MS-S9

SANITARY
CONTAINER

MS – S10

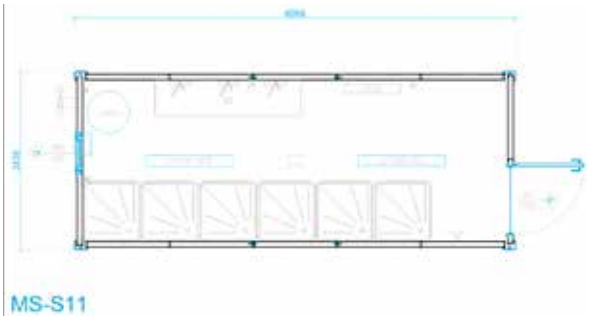
The MS-S10 sanitary container is a multi--user wash room, equipped with four long washbasin gutters with 12 taps and electric water heater with a capacity of 200 litres.

MS-S10

SANITARY
CONTAINER

MS – S11

The MS-S11 sanitary container is a multi--user shower unit. Equipment: six showers, washbasin gutter with three taps and an electric water heater with a capacity of 300 litres. Most frequently it is combined with basic office containers or the MS-S10 washing container into a larger modular building.

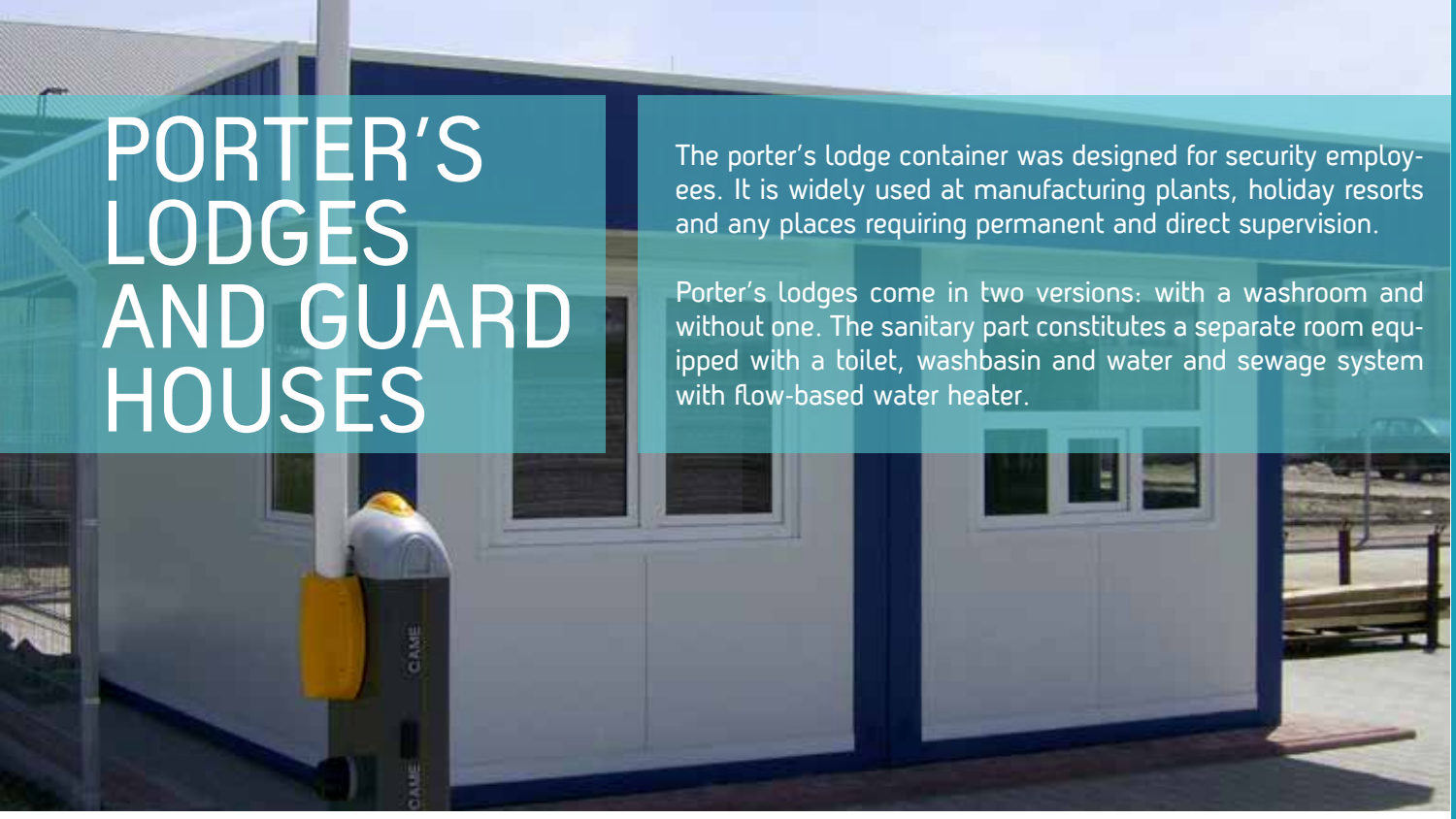


MS-S11

LIVING CONTAINERS

The living container is a solution that follows the example of a separate hotel room. The residential part takes up 7 sq m of space and the rest consists of a separated sanitary centre with a toilet, washbasin and shower. The module is equipped with a multi-functional integrated kitchen unit (tap, sink, electric cooker, fridge) and electric water heater of 80 litres. Upon special customer request, it is possible to use any selected finishing materials: wall panels, plinths or carpeting.

DIMENSIONS	Le=6058 mm, We=2438 mm, He=2800 mm, Hi=2500 mm
STRUCTURE	welded frame of floor, roof ceiling and poles located in corners of the module, structural components coated with anti-corrosion paints in RAL colours, drainage of rain water with PVC gutters inside corner poles.
FLOOR	Galvanised corrugated sheet steel, PU foam / styrofoam / mineral wool, cement-chip panel 20 mm thick, PVC fitted carpet.
ROOF CEILING	Galvanized sheet steel, 12 mm chipboard, PU foam / styrofoam / mineral wool, varnished sheet steel (cartridge system)
EXTERNAL WALLS	Varnished sheet steel, PU foam of 75 mm - 180 mm, varnished sheet steel
INTERNAL WALLS	Varnished sheet steel, styrofoam 75 mm, varnished sheet steel
PVC WINDOWS	565 x 535 mm (U) white, matte glazing 1465x1135 mm (RU+U) white / 930x1295 (RU) white
DOORS	Single-wing, steel, white door, 900 x 2000 mm Internal doors: single-wing white, panel door
ELECTRIC SYSTEM	Lighting and wall outlet system
HEATING SYSTEM	Electric radiator
PLUMBING	Plumbing of PP piping, waste water drainage of PVC piping
WASHING SYSTEM EQUIPMENT	Toilet bowl, urinal, shower, wash basin, electric water heater, mirror with shelf, toilet paper holder
KITCHENETTE EQUIPMENT	Single sink, fridge and dual electric coker

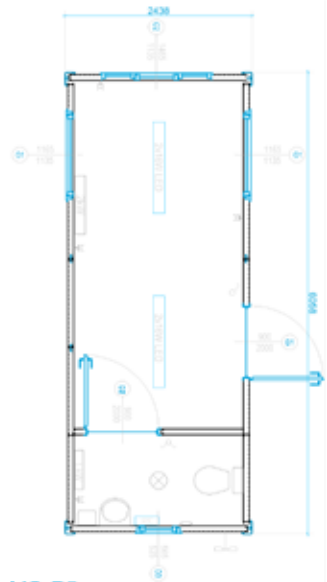


PORTER'S LODGES AND GUARD HOUSES

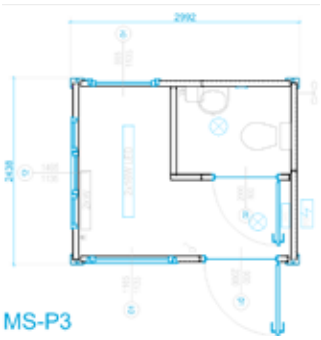
The porter's lodge container was designed for security employees. It is widely used at manufacturing plants, holiday resorts and any places requiring permanent and direct supervision.

Porter's lodges come in two versions: with a washroom and without one. The sanitary part constitutes a separate room equipped with a toilet, washbasin and water and sewage system with flow-based water heater.

DIMENSIONS	20' Le = 6058 mm, We = 2438 mm; He = 2800 mm, (Hi=2500 mm) 10' Le = 2992 mm, We = 2438 mm; He = 2800 mm, (Hi=2500 mm)
STRUCTURE	welded frame of floor, roof ceiling and poles located in corners of the module, structural components coated with anti-corrosion paints in blue or a different colour as suggested by the customer, drainage of rain water with PVC gutters inside corner poles.
FLOOR	Galvanised corrugated sheet steel, 100 mm mineral wool, cement-chip panel 20 mm thick, PVC fitted carpet.
ROOF CEILING	Galvanized sheet steel, 12 mm chipboard, 100 mm mineral wool, varnished sheet steel (cartridge system)
EXTERNAL WALLS	Multi-layer panels: Varnished sheet steel, styrofoam of 75-180 mm, varnished sheet steel
INTERNAL WALLS	Dividing walls, layers: Varnished sheet steel, styrofoam 75 mm, varnished sheet steel
PVC WINDOWS	PVC windows: RU windows and openable work window – size and location determined individually with the customer
DOORS	External: Single-wing, steel, white door, 900 x 2000 mm Internal doors: single-wing white, panel door, 800 x 2000 mm
ELECTRIC SYSTEM	Lighting and wall outlet system
HEATING SYSTEM	Electric radiator



MS-P5

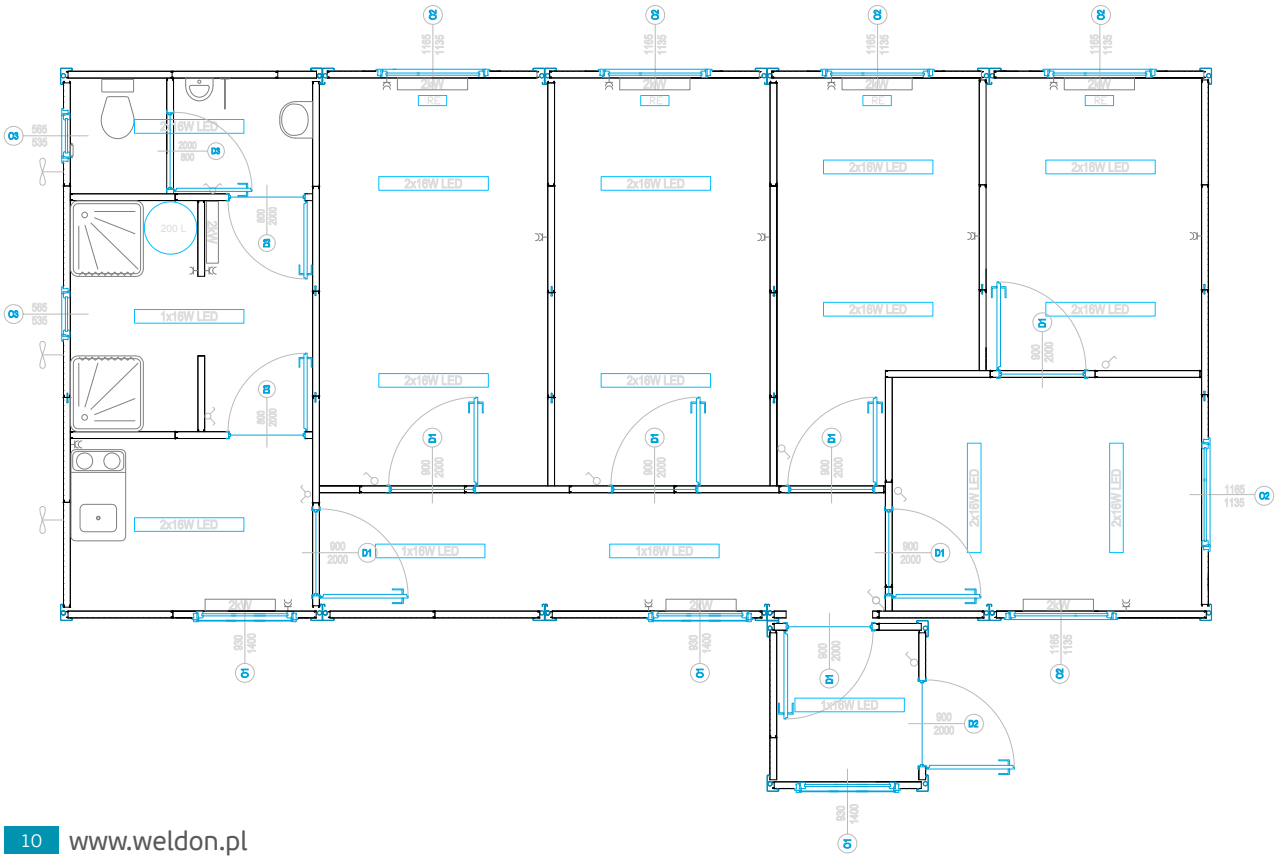


MS-P3

MULTI-MODULAR BUILDINGS

Multi-modular buildings are solutions provided for construction sites of big investment projects: office backlots, company subsidiaries, hotel buildings, kindergartens, schools, public and service buildings. Due to their modular structure it is possible to create various spatial versions, and the possibility of stacking enables the achievement of three-storey buildings.

The building may be finished according to customer needs with any selected materials. This technology is beyond competition under conditions, where time and usage comfort are decisive for the success of the enterprise being undertaken.



MARINE AND STORAGE CONTAINERS

Perfect as a warehouse in an enterprise or on a construction site

CONTAINER TYPE	Marine warehouse container, ISO 20', 40', 40' HC
EXTERNAL DIMENSIONS 20'	Le=6058 mm, We=2438 mm, He=2591 mm.
INTERNAL DIMENSIONS	Li= 5898 mm, Wi=2344 mm, Hi=2376 mm
SPACE	32,85 cu m^3
WEIGHT	Ca. 2500 kg
CERTIFICATION	Germanischer Lloyd
LOCK	Lock box
ADVANTAGES	Simple container loading and unloading – dimensions are set by ISO standards, repeatable dimensions, robust structure, burglary protection. Utilised e. g. as warehouses in various branches of the industry.
FLOOR	Frame – welded steel profiles of 3 or 4 mm in the floor, additionally U-profiles, dock for forklift: internal steel profiles located along the container side (longer) wall.
CORNERS	4 x standard welded corners, dimensions per ISO standard, thickness 6 mm
FLOOR MATERIAL	Veneered, water-resistant multi-layer panel, all joints insulated with elastic insulation material
CORNER PILLARS	3 mm welded steel profiles, welded to the ceiling roof, floor and neighbouring wall
WALLS	Profiled sheet steel with a thickness of 1,5 mm and profile depth up to 35 mm, welded all around with the floor, roof and side pillars; the walls include four protected ventilation openings
DOORS	Double-wing doors of profiled sheet steel, openable to the outside (to approx. 260°) with special rubber seal and two bolts on each wing, 2,310 x 2,280
EQUIPMENT	- able to store over 20 tons of material - selectable wooden or steel floor - stacking up - transportable by crane or forklift - optional electric system - optional burglary protection

TECHNICAL CONTAINERS

Technical containers – are containers adapted to individual customer needs. The starting point for the manufacture of a technical container is most frequently a standard office container or a marine container. Technical containers are used as rooms for different types of machines and equipment, for control rooms of machines and devices working near e.g. a manufacturing hall. A technical container fulfils the role of a secure and mobile building for the equipment installed inside it. Due to standard dimensions and fixing eyes the transport of a technical container is considerably facilitated.

INTENDED USE

- boiler rooms
- hydrophore and pump rooms
- containers for control equipment for the raiLiay industry
- containers for technical equipment for the telecommunications industry
- meteorological containers
- external server rooms
- container casings of power generating sets

ADDITIONAL EQUIPMENT OPTIONS

- alarm system
- special electric system (lightning and plug sockets). e. g. explosion-proof
- ventilation and air conditioning
- burglary protection
- firefighting system
- not standard coatings, e.g. anti-graffiti or with enhanced corrosion resilience
- technological holes in the floor or in walls

STRUCTURE	The container is made on a welded floor frame, roof ceiling and corner pillar base. The entire structure is protected with special anti-corrosion coating. Water is drained using PVC gutters located in the container corner poles or using external gutters. All the specified elements are joined together to form a durable and integral whole.
FLOOR	As standard, the floor is made of corrugated galvanized sheet steel, its inside is filled with mineral wool 100 mm thick, plywood or chipboard and finished with PVC carpeting or another material, e. g. grooved steel panels, anti-slip plywood or dielectric floor mats. Permitted standard floor load – 200 kg/ sq m. Upon the customer's request we can the floor can be made with a capacity increased to 1000 kg/ sq m; the container can also be made without floor filling.
ROOF CEILING	Galvanised steel sheet, mineral wool 100 mm thick, ceiling finished with laminated panels or varnished sheet steel - depending on needs.
WALLS	External walls are made of multi-layer panels with galvanized and painted sheet steel, and the core is made of styrofoam, mineral wool or polyurethane foam.
EQUIPMENT	Windows and doors according to customer needs. Electric system: lightning and plug socket system. As standard, the container includes a power splitter, shock protection system and EMC system. Inside the container there is internal lightning and a single-phase system with sockets for the supply of receivers. To meet the most exquisite conditions we equip the buildings with heating, air conditioning and ventilation systems.
TRANSPORT	We ensure full logistic service from the moment of loading until putting the building on its foundations.

We can manufacture containers according to individual customer or in-house designs.

FAECAL MATTER CONTAINERS

Sanitary containers are equipped with a complete water and sewage system, thanks to which they constitute a closed sanitary centre. Sometimes it is however necessary to install sanitary containers in places where it is impossible to connect them to a sewage system. This role may be taken over by a specially designed and executed faecal matter container, assembled directly under the sanitary container.

The faecal matter container is executed in a standard 10' or 20' container and can be part of a whole modular building or sanitary centre. Its high capacity in turn – 8 cu m – makes it possible to use toilets over a long period of time without emptying it. The faecal matter container possesses in its top left corner a suitable tight inflow opening and a pipe for pumping out the sewage.

	TECHNICAL DETAILS
EXTERNAL DIMENSIONS	20' L=6058 mm, S=2438 mm, Hi=750 mm 10' L=2438, S=2992, He 923 mm
CAPACITY	8m^3, 3m^3
STRUCTURE	Welded steel frame of 3 mm thick sections, external walls – sheet steel of 3 mm, corrosion protection with primer and top coat, as standard matte-painted in RAL 7035, equipped with a vent with check valve.
SEWAGE INFLOW	PVC pipe, diameter 110 mm
PUMP-OUT OPENING	Standard connector for 110 mm hoses

PUBLIC BUILDINGS

Modular construction additionally enjoys continued appreciation among small and medium businesses. Most frequently, the presented technology is applied as trade outlets, service buildings, pharmacies, office buildings, medical practices, schools and kindergartens.

In particular attention should be paid to advantages offered by modular construction technology, where the investment process is shortened to the minimum and all obligations related to the construction of the building rest with the contractor. In addition, if required, the building may be further expanded based on purchased or rented modules. Such a building, if required, may be transported to more attractive surroundings or easily rearranged to meet other needs.

Taking into account the high cost of investment project development using traditional technologies and the range of permits that must be obtained before starting construction, it must be said that modular technology is a practical solution and an alternative to other solutions available on the market.

FOOTBALL TRAINING FIELD BACKLOTS

modern training backlots
for future champions

ADVANTAGES OF THE OFFERED BUILDINGS

- Structure modularity – the building consists of independent modules
- Our buildings – contrary to wooden buildings – are used under extreme conditions AT construction sites, on the backlots of large investment projects as company offices, public buildings. The structure is very durable, has a very strong, rigid frame, solid walls, roof and floor and carpeting characterised by very high abrasion resilience.
- The cloakroom is very easily maintained, after a while it is possible to paint it, or clad it with other façade materials. The systems are surface-mounted – they are easily accessible, if necessary.
- The building walls are easy to keep clean and tidy.
- The steel structure has higher resistance than a wooden structure against weather conditions, deformation, biological corrosion, insects and rodents.
- The building walls may be clad with any façade material, which enables the achievement of an individual character of the particular facility.
- We have an architectural and construction design for a sanitary and cloakroom unit for adaptation to local conditions

Dozens of projects completed
across all of Poland!

CONTAINER RENTAL

Containers are one of many elements of infrastructure used during execution of construction investment projects. Because building projects are executed over a specific period of time, and many contractors do not posses warehouse or social bases, we offer the hire of all types of containers.

Such solution is very advantageous economically and very practical for contractors. Rental is accomplished through our selected trade partner network across the entire country.

TRANSPORT AND ASSEMBLY OF CONTAINERS	Containers are assembled on paved surfaces, concrete slabs and slab footing. — DELIVERY of containers (one transport = two 20' containers) — RECEIPT of containers (one transport = two 20' containers) — DELIVERY of containers together with HdS unloading (one transport = two 20' containers) — RECEIPT of containers with HdS loading (one transport = two 20' containers) Price to be settled following individual inquiry
RULES OF HIRE	The price of assembly and dismantling of containers according to individual agreements with customers. — the settlement period container rental is one month — negotiable prices — rent conditions are described in the rent contract — the service includes: technical consulting, transport to the site, service, assembly and dismantling

STEEL STRUCTURES

We manufacture high-quality large steel structures in this regard, we offer the execution of industrial halls, warehouses and other structures.

We possess the in-house plant production control conformity certificate per EN 1090-1:2009+A1:2011 permitting us to execute welded and bolted steel components up to EXC3 class.

The company also fulfils the requirements of welding processes per PN-EN ISO 3834-2:2007 and spanning CL1 certification per EN 15085-2:2007.

The systems are certified by TUV SUD Poland.

ACOUSTIC BARRIERS

Solutions for a calm and quiet neighbourhood.

Panel acoustic parameters:
129/1 and 145/1
R_w = 33 dB
ΔL_R = 28 dB (Class B3)
ΔL_α = 18 dB (Class A4)

129/2 and 145/2
R_w = 31 dB
ΔL_R = 25 dB (Class B3)
ΔL_α= 12 dB (Class A4)

129/3 and 145/3
R_w = 32 dB
ΔL_R = 28 dB (Class B3)
ΔL_α = 10 dB (Class A3)

Approval no.: IBDiM-K0T-2018/0172 issued by the Polish Road and Bridge Research Institute

‚Weldon-2' Green Wall acoustic panels are foreseen for the protection of people and animals against harmful noise from road and rail traffic or industrial activity. We offer various panel types depending on the filling: 129/ 1, 145/ 1, 129/ 2, 145/ 2, 129/ 3 and 145/ 3

PROPERTIES

- very good acoustic parameters; system modularity; very high base robustness and resistance; facade material colour – green/grey; other colours available upon customer request
- structure permitting the overgrowth of panels
- panel frames are protected against corrosion by galvanisation, in addition they can be protected by paint coats in any RAL colour

BARRIER PARAMETERS

- Panel thickness
  s = 129 mm (129/1,129/2,129/3)
  (slide-in, e. g. into HEA lub HEB 160)*
  s = 145 mm (145/1, 145/2, 145/3)
  (slide-in, e. g. into HEA ub HEB 180)*

* and bigger dimensions with Distance elements

- Standard panel length l = 3960 mm
  (for a pillar spacing of 4 m)
  up to 5960 mm
  (for a pillar spacing of 6 m)

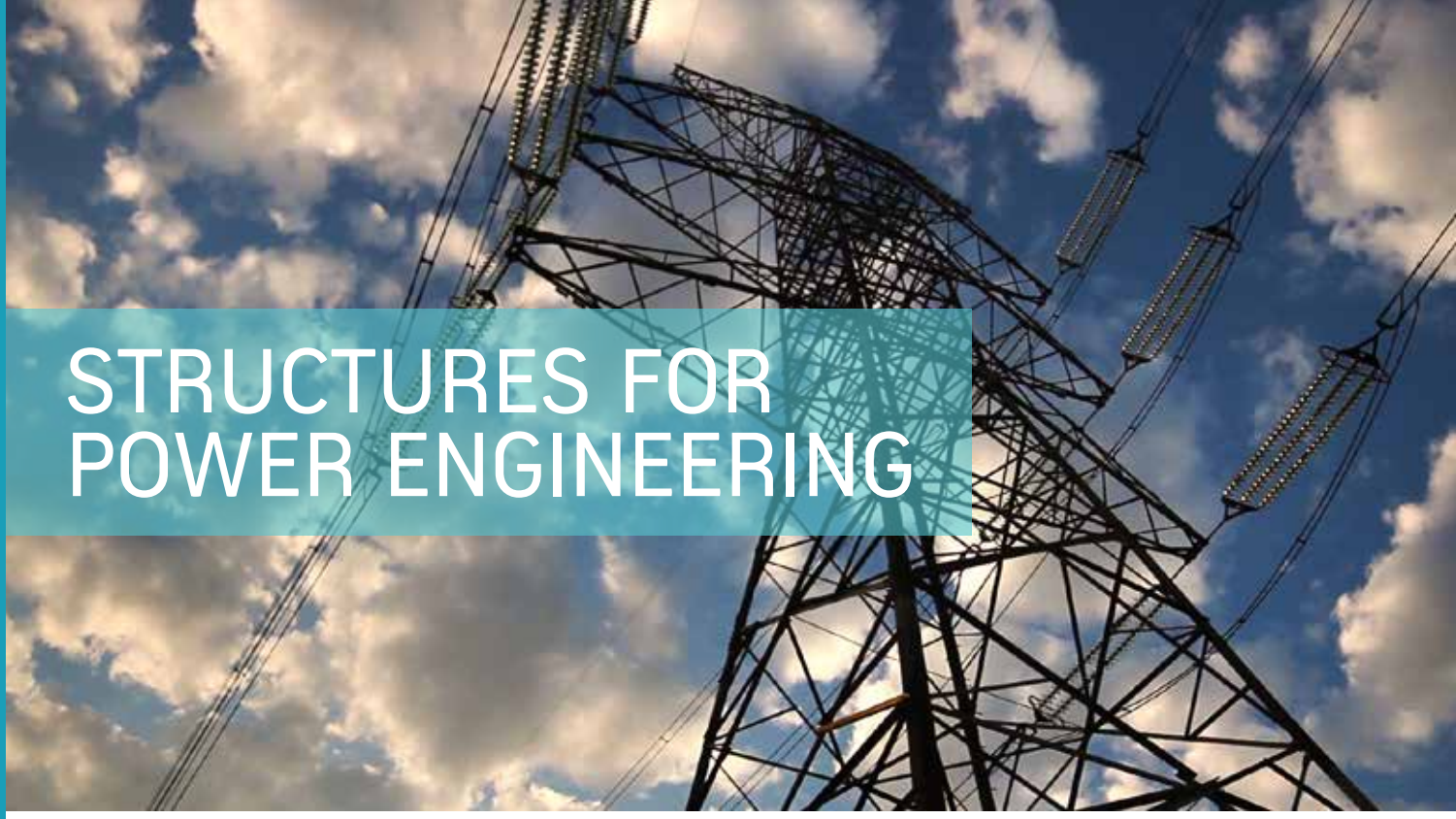
- Standard panel height h = 2 000 mm
  up to 2 000 mm

ADVANTAGES

- Landscape aesthetics improvement
- Noise protection
- Dust protection

The structure of the offered acoustic screens from the Weldon-2 Green Wall series ensures that the most demanding design criteria are met. They are a unique solution ensuring safe separation of protected locations from road and rail traffic and the noise of industrial plants. A unique property of the offered panels is the usage of materials permitting overgrowth by climbing plants. The overgrown panel significantly improves the natural properties of the surroundings and naturally intertwines with the environment around it. A solution used in such a way creates the perfect barrier against dust and noise.

The offered solution features high parameters of noise reduction confirmed by acoustic tests performed with the Polish Building Research Institute in Warsaw, University of Technology in Gliwice and National Technical Assessment describing the technical data of individual panels as issued by the Polish Road and Bridge Research Institute in Warsaw.



STRUCTURES FOR POWER ENGINEERING

We manufacture various kinds of steel structures for commercial power engineering sites, like: structures of electrical power engineering poles; support structures for apparatus intended to be used at electrical substations; support structures for equipment such as transformers, supports, connection components and insulators, adapted for operation in the full range of voltage ratings.

At our facilities, we produce all types of steel lattice pylons and full range of the steel structures for the power industry, like: line gateways, elevation components, supports, reinforcements and anchors.

We hold licence agreements with the companies Energoprojekt Kraków and Energoprojekt Poznań, for the manufacture of lattice pylon series EB24, EBW24, EOW24, EO24, PSK-1/240, PSK-2/240.

STRUCTURES FOR COMMERCIAL POWER ENGINEERING OBJECTS:

— galvanized steel electricity pylon for voltages of 110 kV, 220 kV and 400 kV.

— galvanized steel support structures for apparatus, electrical substations with voltages of 110 kV, 220 kV and 400 kV.

— galvanized steel structures for electric lines and substations, for voltages of 15 kV.

— other auxiliary galvanized steel structures for infrastructure of the electric lines and substations, in full range of voltages.

STRUCTURES FOR THE TELECOMMUNICATIONS INDUSTRY:

— galvanized steel structures of broadcast-transmission towers.

— galvanized steel structures of telecommunications masts, lattice and bar type objects.

— galvanized steel structures of antenna masts, installed outdoors and on building roofs.

CORROSION PROTECTION:

— 2500 sq m paint shop,

— Weldon Hot Dip Galvanizing plant.

MODULAR HALL SYSTEM

The modular hall system was designed by the employees of our research and development department for entrepreneurs

interested in shortening the building construction time and in reducing its construction cost. An advantage of the system, beside the possibility of freely determining its length, is the simplicity of assembly resulting from repetition of used elements and their small number.

The structure consists of ready-made modules that enable the construction of a building of length starting at 30 meters up to any length expected by the customer, aLiays a multiple of 6 m. The height of side wall is 4.5 or

4.8 meters depending on building width and the roof inclination is 13°. The proposed solution is intended for industrial purposes, in particular for warehousing and manufacturing purposes.

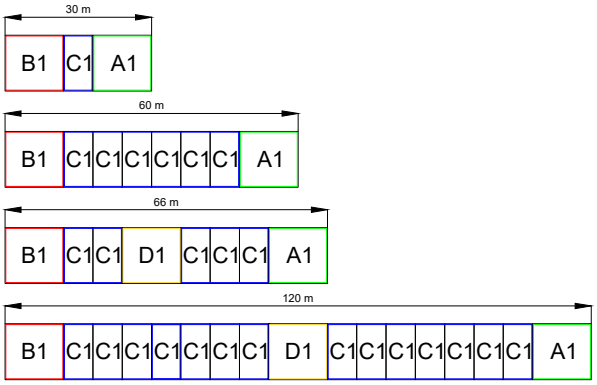
Modular technology may also be used in a variety of ways in farming and services. The hall structure consists of hot rolled sections (main load-bearing structure) and cold bent sections (structure under casing of hall). The building may use corrugated roof panels or layer panels as well as any doors, gates, gutters and any other accessories. The hall structure consists of four types of modules:

A1 – external closed module
B1 – external open module
C1 – internal repeatable module
D1 – internal strut module

The above modules may be used to assemble a hall of 30 meters (modules B1 + C1 + A1) to 60 meters (modules B1 + 6 x C1 + A1).

In case of halls beyond a length of 60 meters, it will be necessary to introduce additional strut modules (D1), and when

the length of the hall exceeds 150 meters, expansion joints must be introduced and additional A1 and B1 modules adapted.



dimensions in construction axis		hall width [m]				
height of the side walls [m]	type	12,0	12,0	12,0	12,0	12,0
4,50	2S	+	+	-	-	-
4,50	3S	+	+	-	-	-
4,80	2S	-	-	+	+	+
4,80	3S	-	-	+	+	+
height of the ridge [m]		5,90	6,25	6,90	7,25	7,60
ridge elevation above side wall [m]		1,40	1,75	2,10	2,45	2,80

NON-INSULATED WALLS	In a business that does not require a constant temperature, and if the building will not be heated, we suggest the use of a system with corrugated sheet steel in any colours. The solution takes into account the option of additional building thermal insulation at any time of its use.
MULTI-LAYER PANEL WALLS	If our expectations require the use of a system of solutions that would guarantee modern aesthetics, the fulfilment of demanding insulation and fire safety parameters, we recommend a solution utilising high-quality multi-layer panels.
EQUIPMENT	As part of comprehensive service execution, we deliver and install all equipment suggested by you, e. g. a broad range of industrial gates and doors, windows and lighting equipment. In addition, our offer spans the installation of a roof ladder, smoke flaps and a mezzanine.
FAÇADE COLOURS	We offer the execution of the facade colour based on our colour range – or upon special request – according to any selected colour choice.
ATRAKCYJNE KOWeTY REALIZACJI	In terms of halls exceeding 18 metres, this is one of the lightest structures based on hot-rolled profiles.
WeYBKI MONTAŻ	All components are joined by bolts, facilitating and quickening assembly and excluding the utilisation of additional specialised tools. Installation requires the use of a crane.
ŁATWOŚĆ ARANŻACJI	The modular hall system ensures high flexibility in terms of internal arrangement of the building and the placement of gates, doors and windows.
TRAWAŁOŚCI ESTETYKA	All structural components are protected by a specialised industrial coat that can be provided in any colour. Upon special request, the structure may be protected by hot-dip galvanisation. If needed, the structure may be dismantled and set up elsewhere.

TECHNICAL PARAMETERS	
Name	Modular hall system
Structure material	Structural steel S235, purlins S450 GD
Frame construction	Main structural framework, hot-dip galvanized sections,
Hall width [m]	roof purlins, cold bent sections
Modular spacing of frames [m]	12, 15, 18, 21, 24
Hall length [m]	6
Spacing of wall struts [m]	Starting at 30 m, multiples of 6 m modules.
Spacing of roof purlins [m]	1.40; 1.45; 1.50
Height of side wall [m]	4.50; 4.80
Height at ridge [m]	5.90; 6.25; 6.90; 7.25; 7.60
Roof inclination	13*

FRAMEWORK BUILDINGS, SUPERSTRUCTURES

Weldon Sp. z o.o. is the majority shareholder of AmTech sp. z o.o., a manufacturer of profiles and light steel structures of the SUNDAYsystem® brand. From the moment of commencement of our operations in 1996, SUNDAYsystem® technology was applied in hundreds of completed investment projects in Poland and abroad. We specialise in residential, commercial, public buildings and superstructures for existing buildings. The rating of the company and the quality of accomplished projects are confirmed by numerous prizes and awards and the approvals and certificates held. The highly qualified staff of architects, design engineers and assembly teams ensures high service quality.

The offered framework construction system was submitted to detailed tests by research and testing institutions. On the basis of obtained opinions, the Polish Building Research Institute approved this system for application in the territory of Poland (technical Approval no. AT-15-2687/97 of June 1997).

We ensure comprehensive service starting from consulting through design, manufacture and execution of buildings to the condition expected by the investor. We specialise in prefabrication of buildings and single-family houses, focusing on low energy requirements, environment protection and short execution time. Since 2007 we also operate as a construction company.

www.amtech.com.pl

Budynek szeregowy - Munina k/Jarosławia

Budynek przedszkola w Dębicy

SUPERSTRUCTURES

Weldon sp. z o.o.
39-102 Brzezówka 90A, Poland
phone no. +48 14 64-66-730
e-mail: kontakt@weldon.pl

www.weldon.eu
www.stahlbau-weldon.de
www.weldon.pl
www.kontenery.weldon.pl

Dębica Galvanisation Plant
Metalowców 25,
39-200 Dębica, Poland
phone no.: + 48 14 670-48-15
www.ocynkownia.weldon.pl
e-mail: ocynkownia@weldon.pl