BENSIS

BENSIS właściciel marki AUTOKABINA

Export Price list 04-23 valid till 30 June 2023

AKB Compact body-/workshop 20' containers.

Made in the EU

Ideal as an alternative body /workshop for small and middle-size items
This complete product line increases your turnover and profits.
Practical / Economic /Safe / Easy operation

Short summary of the features:

> Container is suitable for placing outdoors and indoors

> Fully isolated container: roof, sidewalls, bottom.

> Average lifespan of 20 years.

> Easy placement of the container e.g. by crane or forklift or similar.

> Easy leveling with non-conductor material. Rubber, wooden, concrete blocks, etc.

> Plug & play by simple electric power plug and compressed air connection.

> No specialist is needed for placement or installation.

> Good anti-corrosion and UV protection

> Pedestrians outside the door for quick and easy access (always included)

> The window can be opened and tilted. (always included)

> 2-fold solid frontal door with Anti panic lock. To enter with bigger items.

> Floor cover with an anti-slip galvanized metal sheet (3+2mm). Incl. by

> Safe workshop environment “safety first”

> High performance with a minimum of power.

> Multifunctional and practical to do all kinds of jobs.

> Compact body/workshop but very practical there where it is needed quickly.

> Long service life because of high-quality finishing and quality components.

> Conform to EN directives & safety rules

> Can be perfectly completed with your own professional products you’re selling.

> Complementary for many practical needs in variant businesses

> Standard included a pedestrian door and standard window with insulated glass pane

> Some of the models are perfect for machine rental companies

> As an alternative to the industrial paint booths for painting the smaller items

> As Pop Up body workshop

> And anything else you can think about.

Data sheet AKB Compact body/workshop containers		
(LxWxH) outside dimensions (LxWxH)	6055 x 2435 x 2591 mm	
(LxWxH) inside dimensions (LxWxH)	5915 x 2295 x 2340 mm	
Free workspace dimensions (LxWxH)	5000 x 2280 x 2100 (under plenum) / 2340 mm to container ceiling	
Forklift pockets	Spacing of forklift slots centrally: 2050 mm / optionally 950 mm	
Main front door dimensions (WxH)	2080 x 2200 mm	
Pedestrian door (WxH)	875 x 2125 mm	
Window (WxH)	945 x 1200 mm	4/16/4 mm + double glass
Filter No 1 in exhaust-paint-wall	type: Labyrinth (G3)	(WxH) 750 x 2080 mm
Filter No 2 in exhaust-paint-wall	type: Paint-stop (G3)	(WxH) 750 x 2080 mm
Backwall with 3 doors/panels	(WxH) 2080 x1490 mm	
Lockerdoor in back wall (for tools)	(WxH) 625 x1190 mm	Left door in back-wall (only for PRO models)
Servicedoor in back wall (service heaters)	(WxH) 625 x1190 mm	Middle door in back-wall (only for PRO models)
Door to operator panel in back wall	(WxH) 625 x1190 mm	Right door in back-wall (only for PRO models)
Outlet duct diameter	315 mm (only for PRO CC)	
Outlet duct height	3110 mm included rain hood (not incl.foundation blocs) only PRO CC	
Fresh air Intake from outside	Grid installed in side-wall for intake air. dia 355 mm	
Weight BASIC container	1630 kg.	
Weight of the other containers	Between 2250 kg and 2500 kg	
Isolation wall	Isolation thickness 45 mm PU. Fire resistance D-s2, up to D-s1 according to EN 13501-1	
Isolation roof	Isolation thickness 100 mm MW Fire resistance A1 (non-combustible) according to EN 13501-1. Roof casing: coated chipboard < 10 mm thick, decor white. Fire resistance D-s2, up to EN 13501-1	
Isolation floor	Isolation thickness 60 mm MW Fire resistance E according to EN 13501-1 Floor casing: chipboard 22 mm thick Fire resistance E according to EN 312:2003 Fire resistance D-s2, up to D-s1 according to EN 13501-1	
Frame color	RAL 9002	
Panel color	Outside RAL 9002 / Inside RAL 9010	
Front-door color	Inside and outside RAL 9010	
Max Load on floor	3,0 kN/m² (300 kg/m²)	
Max Load on roof	1,5 kN/m² (150 kg/m²)	
Max thrust force (wind)	V_b = 27 m/s (97,2 km/h) terrain category III If the wind speed exceeds 27 m/s (97,2 km/h), additional container protection (fixings, screws, etc.) must be installed. These calculations must be carried out by authorized specialists, taking into account local standards and conditions	
Basics od static calculations >Impact side:	EN 1990 (Eurocode 0: basics)	
	EN 1991-1-3 (Eurocode 1 ; snow)	
	EN 1991-1-4 (Eurocode 1 ; wind)	
> Resistance side:	EN 1993-1-1 (Eurocode 3 ; steel)	
	EN 1995-1-1 (Eurocode 5 ; wood)	
National application documents and other special load cases *(such as earthquake protection) are not included and must be requested separately*		

(1) BASIC container

suitable as: office, shop, etc.

Technical information	Standard container
AKB Standard container (L x W x H) 6,05 x 2,43 x 2,59m	√
Pedestrian steel door with lock (9875 x 2125mm)	√
Window with double glazing (945 x1200mm)	√
Fuse box (VDE, IT, FR) with 2-pole circuit breakers 10A, 13A and residual current circuit-breaker 63A / 0,03 A, two 2-pole 230 V sockets, light switch	√
One luminaire with TL 2x36W (IP65)	√
Classic Imperial 1,5 mm plastic floor covering	√
16A 2-P IP67 socket + plug. (L+N + GND)	√
Electrical powerline Cable 3G 2,5 (L + N + PE) 230V/16A	**To provide**

(2) BASIC Prep. booth container

Suitable as: workshop for welding,

Technical information	Basic Prep.-Booth
AKB BASIC container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Air inlet grid frame with pre-filter in front door or front panel	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Luminaire AKB DATALED 140 W ATEX (one piece installed in ceiling) Included driver	√
Complete ventilation box constructed with: panels, aluminum anodized profiles,, filter front (LxW)760 x 2080 mm with Andrea filter + paintstop filter G3 (EU3)	√
Fully closed back wall with panels. And constructed with aluminum anodized profiles	√
Exhaust ventilation (fan+motor) 4000 m^3/h - 1,5kW (**no ATEX!)**	√
Inverter 1,5 kW (no ATEX!) intake and or exhaust (man. reg. 0-10V)	√
AKB Basic power-board, with fuses: ventilation, lighting , main switch. 16A socket, (2x) 230V/16A sockets (no ATEX)	√
32A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 5G6 (3P + N + PE) PGE 5-P 400V/32A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
Air-filter/regulator/manometer/quick connection/air hose reel 9m	√

(3) PRO Prep. booth container
work area according Zone 2 (ATEX)

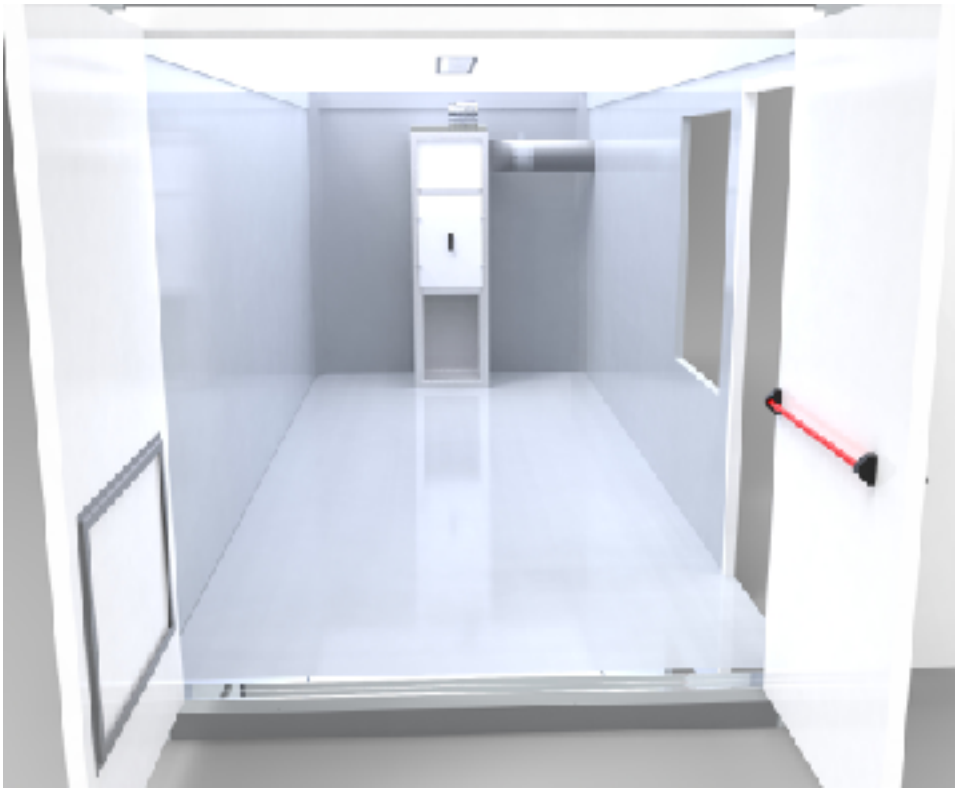
Technical information	AKB PRO Prep. Booth
AKB Standard container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Air inlet grid frame with pre-filter in front door or front panel	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Luminaire AKB DATALED 140 W ATEX (one piece installed in ceiling) Included driver	√
Complete ventilation box constructed with: panels, aluminum anodized profiles, filter front (L x W) 760 x 2080 mm with Andrea filter + paint-stop filter G3 (EU3)	√
Fully closed back wall with panels. And constructed with aluminum anodized profiles	√
Inverter 1,5 kW (no ATEX!) intake and or exhaust (man. reg. 0-10V)	√
Exhaust ventilation (fan+motor) 4000 m³/h - 1,5kW ATEX	√
Ex Light switch installed inside the booth at the entrance	√
Ex motor switch with thermic safety (start/stop ventilation)	√
AKB Basic power-board, with fuses: ventilation, lighting, main switch. 32 A socket, (2x) 230V/16A sockets (no ATEX)	√
32A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 5G6 (3P + N + PE) PGE 5-P 400V/32A	**To provide**
Compressed air connection plug (1/2” male) installed at the outside of the back wall.	√
Air-filter/regulator/manometer/quick connection/air hose reel 9m	√

(4) Basic Mix-Room container
(no front door, no steel floor covering)

Technical information	Basic Mix-Room
AKB Standard container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Classic Imperial 1,5 mm plastic floor covering	√
Air inlet grid frame with pre-filter in front panel	√
Luminaire AKB DATALED 140 W ATEX (one piece installed in ceiling) Included driver	√
Two function fumes exhaust wall + spraystation for Mix-Room (WxDxH) 600 x 600 x 2000 mm with panels and constructed with aluminum anodized profiles. Spraystation for spray samples included paint stop filter and as exhaust duct for gasses	√
Exhaust ventilation ATEX (fan+motor) **1500 m³/h - 0,37 kW**	√
Ex Light switch installed inside the booth at the entrance	√
Ex Motor switch with thermic safety (start/stop ventilation)	√
16A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 3G 2,5 (L + N + PE) 230V/16A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
ATEX electrical powerboard, with auto. fuses for: lighting, motor	√
Ex (ATEX) Electric heater 2 kW	OPTION
Air-filter/regulator/manometer/double quick connection	OPTION

(5) PRO Mix-Room container

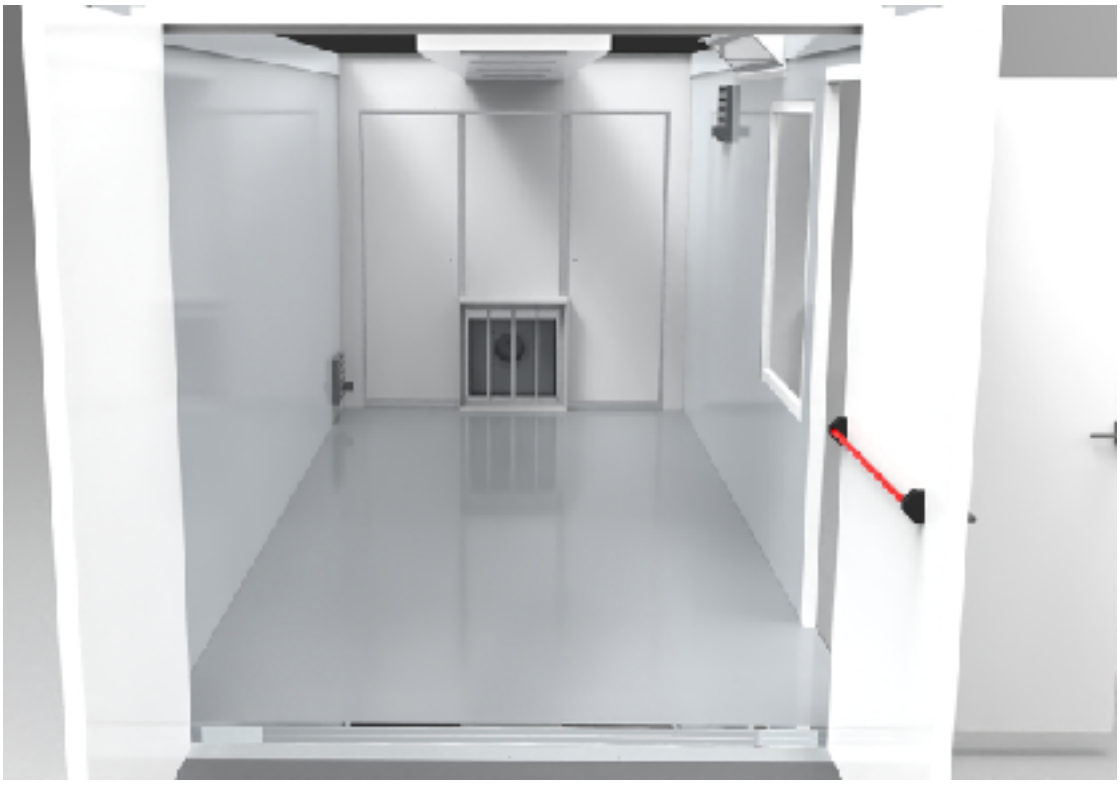
For paint mixing, paint-gun cleaning, etc.



Technical information	PRO Mix-Room
AKB Standard container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Air inlet grid frame with pre-filter in front door.	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Luminaire AKB DATALED 140 W ATEX (one piece installed in ceiling) Included driver	√
Two function fumes exhaust wall + spraystation for Mix-Room (WxDxH) 600 x 600 x 2000 mm with panels and constructed with aluminum anodized profiles. Spraystation for spray samples included paint stop filter and as exhaust duct for gasses	√
Exhaust ventilation ATEX (fan+motor) **2300 m³/h - 0,75** kW	√
Ex Light switch installed inside the booth at the entrance	√
Ex Motor switch with thermic safety (start/stop ventilation)	√
16A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 3G 2,5 (L + N + PE) 230V/16A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
ATEX electrical powerboard, with auto. fuses for: lighting, motor	√
Ex (ATEX) Electric heater 2 kW with auto switch ON/OFF thermostat	√
Air-filter/regulator/manometer/double quick connection	√

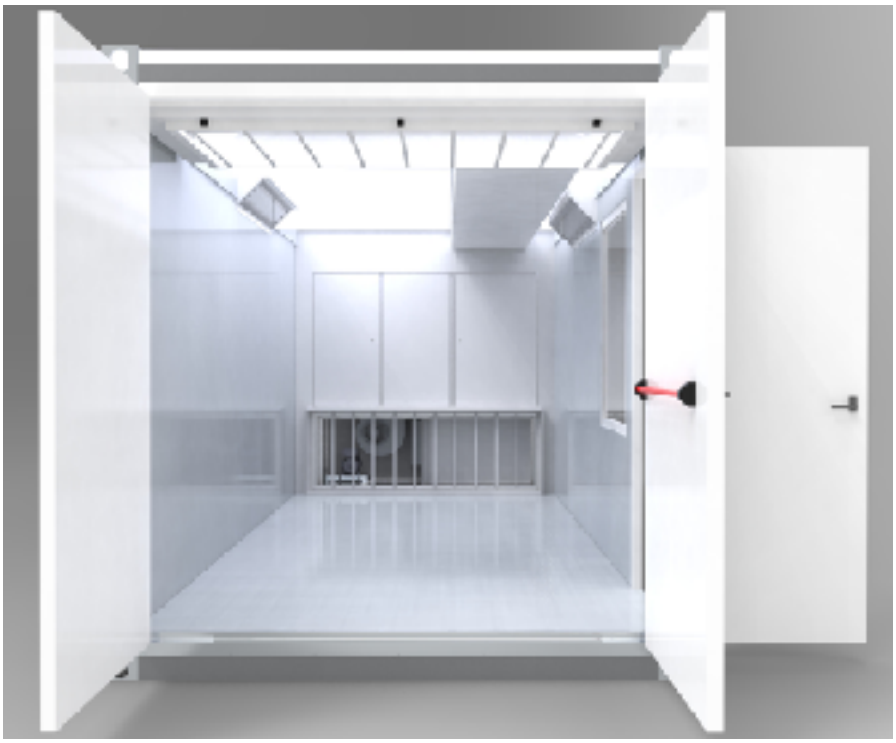
(6) OVEN / DRY Room container

For drying processes (45ºC) See option for



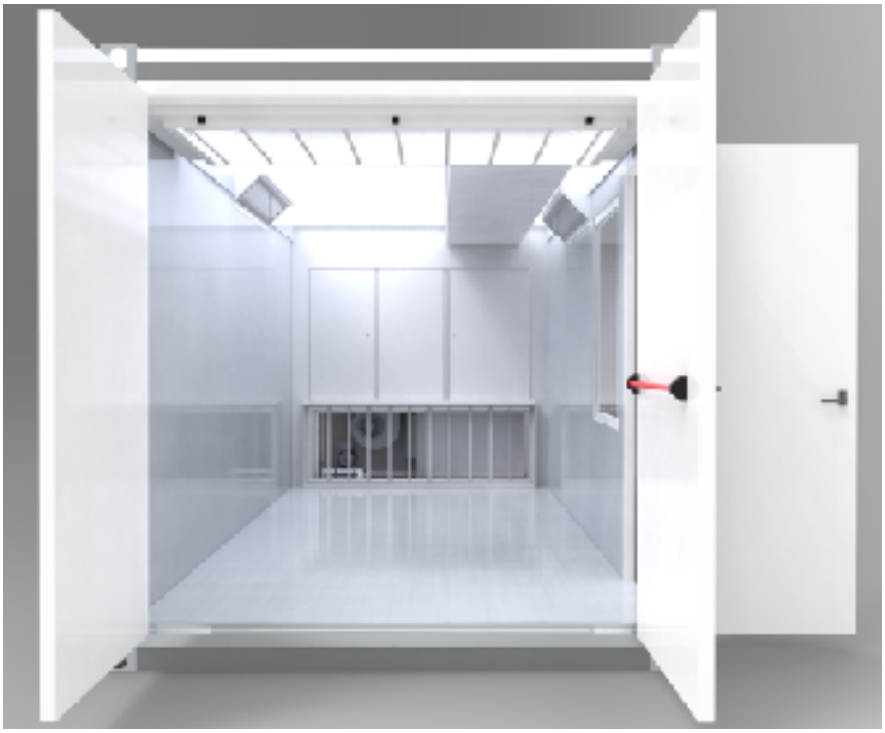
Technical information	OVEN/DRY ROOM
AKB Standard container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
One luminaire AKB DATALED 140 W ATEX installed in ceiling/side-wall corner. Included driver	√
Ventilatie (ATEX) fan+ motor. 2500 m^3/h - 1,1 kW	√
Ceiling plenum with air-diffusers for good hot air distribution	√
Fully closed back-wall with exhaust wall for air recirculation. Constructed with panels and aluminum anodized profiles.	√
Ex Light switch installed inside the booth at the entrance	√
Ex Motor switch with thermic safety (start/stop ventilation)	√
AKB Standard switchboard with fuses: for lighting, ventilation, electric heater, main switch, temperature programmer + temp. Sensor,	√
32A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 5G10 (3P + N + PE) 400V/32A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
One electric heater 18 kW (0-10) 3 - steps (maximum 45ºC air supply)	√
One electric heater 18 kW (0-10) 3 - steps (maximum **80ºC** air supply)	OPTION

(7) BASIC Paint booth container
(All kinds of paint jobs. Basic & simple



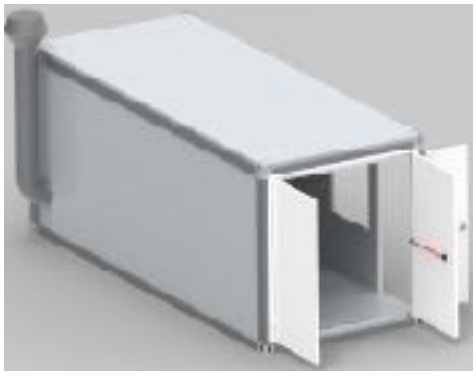
Technical information	Basic Paint Booth
AKB Standard Container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (987 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Two luminairies AKB DATALED 140 W ATEX. Included driver	√
Complete ventilation box constructed with: panels, aluminum anodized profiles, filter front (LxW) 760 x 2080 mm with Andrea filter + paint-stop filter G3 (EU3)	√
Filter ceiling Plenum) with F5 filter (W x L) 2080 x1000 mm	√
Fully closed back wall with panels. And constructed with aluminum anodized profiles	√
Intake ventilation (fan + motor) 4000 m³/h - 1,5kW	√
Inverter 1,5 kW (no ATEX!) intake and or exhaust (man. reg. 0-10V)	√
Exhaust ventilation (fan+motor) 4000 m³/h - 1,5kW ATEX	√
Air intake grid in side-wall (for paint booths)	√
Motorized damper for intake air duct	Option
Motorized damper for full air recycle in DRY mode	Option
AKB Standard power-board with fuses: for lighting, ventilation, electric heater, main switch, temperature display + temp. Sensor, manual pressure reader (water column) 1x 32 A socket, (2x) 230V/16A sockets	√
32A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 5G10 (3P + N + PE) 400V/32A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
Air-filter/regulator/manometer/quick connection/air hose reel 9m	√
Electric heater (1x)18 kW (0-10) included power regulator. (rectangle heater)	√
Δ t = 15 °C bij 4000 m³/h. Possible to reach higher temperature by lowering the airflow.	
Upgrade with electric heater (1x) 24 kW (0-10) included power regulator. (rectangle heater)	Option
Aluminium Crossflow heat recuperator in insulated box. (Δ t = 23 °C bij 4000 m³/h or 30 °C with 24 kW heater)	Option

(8) PRO-ECO Combo
Paint booth container



Technical information	PRO-ECO-COMBO Paint Booth
AKB Standard Container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Two luminairies AKB DATALED 140 W ATEX. Included driver	√
Complete ventilation box constructed with: panels, aluminum anodized profiles,, filter front (LxW) 760 x 2080 mm with Andrea filter + paint-stop filter G3 (EU3)	√
Filter ceiling Plenum) with F5 filter (W x L) 2080 x1000 mm	√
Fully closed back wall with panels. And constructed with aluminum anodized profiles	√
Intake ventilation (fan + motor) 4000 m^3/h - 1,5kW	√
Inverter 1,5 kW (no ATEX!) intake and or exhaust (man. reg. 0-10V)	√
Exhaust ventilation (fan+motor) 4000 m^3/h - 1,5kW ATEX	√
Air intake grid in side-wall (for paint booths)	√
Motorized damper for intake air duct	√
Motorized damper for full air recycle in DRY mode	√
AKB PRO Switchboard with Spraytronic 3 controller and 7" touchscreen (6x) pre-programmed buttons. Included temp. Sensor, automatic over pressure regulation sensor, compressed airflow sensor, 0-10 V auto electric heating regulation, main switch, 32 A socket, (2x) 230V/16A sockets	√
32A 5-P IP67 socket + plug PGE	√
Electrical powerline with cable 5G10 (3P + N + PE) 400V/32A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
Air-filter/regulator/manometer/quick connection/air hose reel 9m	√
Electric heater (1x)18 kW (0-10) included power regulator.	√
Aluminium Crossflow heat recuperator in empty like vent. box	√
Δ t = 23 °C bij 4000 m^3/h. Possible to reach higher temperature by lowering the airflow.	

(9) PRO-C(cold) C(countries) Combo
Paint booth container



Technical information	PRO - CC COMBO Paint Booth
AKB Standard Container (L xWxH) 6,05 x 2,43 x 2,59 m	√
Pedestrian steel door with lock (9875 x 2125 mm)	√
Window with double glazing (945 x1200mm)	√
Front door (9875 x 2125 mm) with Anti-panic lock, key lock	√
Floor covering with riffled zinc coated steel plate (3+2 mm)	√
Two luminairies AKB DATALED 140 W ATEX. Included driver	√
Complete ventilation box constructed with: panels, aluminum anodized profiles, filter front (LxW)760 x 2080 mm with Andrea filter + paintstop filter G3 (EU3)	√
Filter ceiling (Plenum) with F5 filter (W x L) 2080 x1000 mm	√
Fully closed back wall with panels. And constructed with aluminum anodized profiles	√
Intake ventilation (fan + motor) 4000 m³/h - 1,5kW	√
Inverter 1,5 kW (no ATEX!) intake and or exhaust (man. reg. 0-10V)	√
Exhaust ventilation (fan+motor) 4000 m³/h - 1,5kW ATEX	√
Air intake grid in side-wall (for paint booths)	√
Motorized damper for intake air duct	√
Set of extern exhaust ducts + rainhood incl. fixings.	√
Motorized damper for full air recycle in DRY mode	√
AKB PRO Switchboard with Spraytronic 3 controller and 7" touchscreen (6x) pre-programmed buttons. Included temp. Sensor, automatic over pressure regulation sensor, compressed airflow sensor, 0-10 V auto electric heating regulation, main switch, 32 A socket, (2x) 230V/16A sockets	√
63A 5-P IP67 socket + plug PGE	√
Electrical power line with cable 5G16 (3P + N + PE) 400V/63A	**To provide**
Compressed air connection plug (1/2" male) installed at the outside of the back wall.	√
Air-filter/regulator/manometer/quick connection/air hose reel 9m	√
Two electric heaters 18 kW (0-10) incl. (0-10V) power regulator	√
Δ t = 30 °C bij 4000 m³/h. Possible to reach higher temperature by lowering the airflow.	

INCLUDED	
Manual	Manual Operating instructions in English. (Other languages possible as an option)
Technical documentation	Complete technical documentation included complete list of used components and declarations, certificates, electrical schematics, etc.
Pre-assembled	Container is ready-assembled, Plug & Play
Duct/channels	Channels are included as specified in the technical information.
CE of manufacturer	European declaration of conformity

NOT INCLUDED!	
Delivery by truck (HDS)	Truck with Crane (HDS). See estimated cost in price list
Taxes and similar	Any local taxes if any.
Installation, placing,	We only supply written instructions. Training possible by your dealer
Only for the COMBO CC Electrical energy supply (installed with **two** electric heaters!)	Electrical power line *(cable) of 5G16 (3P + N + PE) 400V/64A Protected with RCD of 0,03A Class A. Plug (IP67) is delivered together with the container. The socket (IP67) is installed outside at the back wall of the container Max used power for the spraybooth = ~ 40 kW
Electrical energy supply For Booths with **one** electric heater!)	Electrical power line of 5G10 (3P + N + PE) 400V/32A Protected with RCD of 0,03A Class A. Plug (IP67) is delivered together with the container. The socket (IP67) is installed outside at the back wall of the container Max used power for the spraybooth = ~ 22 kW
Electrical energy supply (For Prep. Booths) In case you want to do welding Then you need PGE 32A or 64A and cable 5G10 or 5G16	Electrical power line of 5G6 (3P + N + PE) 400V/16A Protected with RCD of 0,03A Class A. Plug (IP67) is delivered together with the container. The socket (IP67) is installed outside at the back wall of the container Max used power for the spraybooth = ~ 6 kW
Electrical energy supply (For Mix-Rooms and Basic container))	Electrical power line of 5G 2,5 (3P + N + PE) 400V/16A Protected with RCD of 0,03A Class A. Plug (IP67) is delivered together with the container. The socket (IP67) is installed outside at the back wall of the container Max used power for the spraybooth = ~ 2 kW
Compressed air supply	Compressed airline 5-7 BAR, needed for recycle valve and for spray guns, etc.! Spray gun needs max about 350l/min. For tools, please check manual of tools(s)
Grounding wire (>16 mm^2)	Bringing the ground wire to the base structure of the container and extern ducts.
LIghtning protection	Verify this with your local authority, but it is always better to do this when the containers are out in the open. And we also recommend leveling the container with non-conductive material (rubber blocks, concrete blocks, etc.)
Foundation	All necessary preparation works to place the container stands stable, dry and for sure safe for deep water. Important to place the container water level so that there are no problems to open the doors or window.
Permissions	All necessary local permissions or similar to place and use these AKB Compact containers at that final location.
In general	Everything what is not mentioned in the technical description is not included. See also “options” or ask for particular option you want. Quotation follows

DELIVERY TIME	
Delivery time	6-10 weeks after signed order and copy T/T of first deposit. Delivery times may change depending on the season of the year. It is also sometimes possible that the delivery time is shorter or longer. We can also adapt to forecasts and/or regular purchases in order to significantly shorten the delivery time

Terms of payments	
First downpayment	50% as order confirmation
Final payment	50% 5 days before loading on truck

WARRANTY
12 months

Important!

Grounding

- After installing the electrical panel, the customer must have an electrician perform the correct electrotechnical connection of the PE bus of the fuse box with the nearest grounding pin located inside the roof frame, using the supplied 1 x 6 mm2 PE cable (torque 10-15Nm).
- Universal Ground Clamp: On both end walls in the floor frame a diameter hole is prepared in each corner 9.4 mm for attaching the grounding clamp.
- Installation of the grounding clamp is done using M10 screw (DIN 7500) with self-tapping thread (torque 40 Nm). The screw can be screwed in again up to 40x. The arrangement of the screw is factory-made in the appropriate place of the container.
- The ground clamp is supplied with the container and must be installed by the customer at the container location.
- The protective grounding of the container is provided by the customer at the place of installation.

Lightning and over-voltage protection

External and internal lightning protection measures (grounding, over-voltage protection) required at the installation site and due to on the sensitivity of the devices used in the container must be respected and provided where necessary.

Safety Tips

Instructions for the installation, commissioning, use and maintenance of electrical installations are provided in the fuse box and must be followed!
Before connecting to the low-voltage mains, all devices must be disconnected and grounded (check ground wiring and ground connection cables between containers for potential equalization and low resistance).
Note: The container drop-out wiring is designed for a rated current of 32 amps. It is not protected by a puncture protection device.
Container connection to an external power source may only be carried out by an authorized specialist company. Before using the container for the first time, it is necessary to check the effectiveness of the protective measures in order to detect possible errors. This inspection should be carried out by an authorized specialist company.
Attention: Cleaning with high-pressure cleaners is FORBIDDEN.
The electrical equipment of the container must under no circumstances be cleaned with a direct stream of water.
? If the containers are to be used in areas of increased lightning activity, measures must be taken to prevent penetration into the container installation, depending on national standards.
? If the machines or devices used cause large voltage spikes (see the operating instructions of these devices), the appropriate FI/LS fuses must be used.
? The electrical equipment of the containers is designed for minimum vibration load. For higher loads, appropriate measures must be taken in accordance with the national technical regulations (or inspection of the plug or screw contacts).
If the containers are to be used in an earthquake-prone area, national regulations must be observed and the equipment adapted accordingly.
? Containers are protected against thermal overloads by gL or gG fuses with a maximum current of 32A.

Transport

Containers should be transported on properly adapted trucks. In doing so, the local cargo safety regulations must be observed. Containers are not suitable for rail transport. Empty containers must be transported.

Handling

The following handling provisions for 20' containers (assembled and bundled) should be considered:
20' containers or packages can be lifted with a forklift (fork length min. 2450 mm, fork width min. 200 mm) or a crane. Crane slings should be attached to the handles in the corners of the container. The angle between the sling and the horizontal must be min. 60° (fig. 1). The required length of the crane sling for a 20' container is at least 6.5 m.
Conveying with a spreader is due to the not allowed! Containers cannot be loaded via Handling.

Construction / Assembly / Statics / Maintenance

General description:
Each single container must be placed by the customer on a prepared building foundation with at least 6 support points (Annex 1). The size of the foundation and its depth related to the freezing depth depends on the standards, local conditions, the properties of the substrate and the maximum loads that occur. Maintaining the level of the foundations is the basis for fault-free assembly and proper positioning of the container or the entire set. If the support points were not leveled correctly, they must be additionally supported in the width of the frame profile. The execution of the foundations must guarantee free drainage of rainwater.
Payloads and regional characteristics (e.g. snow load) must be taken into account when placing and positioning containers (container trains). After removing the shipping covers, seal the holes in the floor frame with silicone. Packaging and transport covers are disposed of by the customer. The roof of the container is not suitable for storing goods and materials.

Lacquering (paint)

A paint coating system with high resistance to weather conditions, adapted to urban and industrial atmospheres.
Coating thickness 25 µm, color similar to RAL7035
Coating thickness 75-120 µm, color similar to RAL 9002
Varnishing of the above elements is carried out using various techniques. The resulting colors are close to RAL tones. We are not responsible for color discrepancies in relation to the RAL table.

General foundation plan

Each single container must be placed on a prepared construction foundation with at least 6 support points. The smallest foundation area is 20x20 cm; however, the size of the foundation should be adapted to local conditions, standards and freezing depth, taking into account the properties of the substrate and the maximum loads that occur. Appropriate measures should be taken by the client.