We believe you can transport anything through air.”
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Delivering perfect-fit air cargo products with world-class reliability and cutting-edge design since 1946.
Innovators, not imitators

At VRR, we love to challenge the status quo. To advance the air cargo industry and never accept anything less than excellent quality. To collaborate with our global partners and customers in making perfect-fit Unit Load Devices. Most of all, we love to be best in class.

That attitude—instilled in the company by our Dutch founders way back in 1946—is what drives us to make the innovative products for which we’re known. Sure, we experiment. And sometimes we make mistakes. But our determination has got us to where we are today. A world leader in air cargo containers.
Product families

- 12: We keep it efficient
- 22: We keep it cool
- 30: We keep it specialised
- 40: We keep them comfortable
- 50: We keep it fireproof
- 58: We keep it small
Maximise internal volumes, improve loading times and provide the ultimate protection with our range of perfect-fit main and lower-deck containers. Perfect for transporting general cargo, express mail and e-commerce freight.
Shipping as much cargo as possible inside a single container is a priority for all freight carriers. That’s why we maximise the internal volume of our containers with the help of advanced 3D-software. For heavier cargo, we can equip our larger containers with interior components to make the most of the available space.

The clock is ticking when it comes to transporting mail and packages by air, and our designers and engineers know this. They work hard to make a loader’s life easier by minimising the time it takes to access and close the containers. Consequently, our door entrances are made as large as possible.

It’s your duty as a freight carrier to protect your cargo while it’s in your care. Our containers are not only weatherproof but also theftproof. No one will get access who isn’t authorised. What’s more, there are no sharp edges on the inside of any container, eliminating the risk of torn and damaged cargo.

Planes come in all shapes and sizes. So why should containers be any different? It makes sense to design a container’s contours to conform seamlessly with the aircraft you use. Whether you have a fleet of Boeing 767-300F, Airbus A330 or anything else, we can deliver the perfect-fit container for you.

When you buy a quality Unit Load Device, you want it to last. To ensure our containers survive the rigours of air transport, we use high-quality aluminium alloys and custom-designed extrusions. And if a container ever gets damaged? The material and design make repair easy and affordable.

When it comes to trans-
Whether you’re transporting mail, packages or special cargo, operational speed and efficiency are essential.
AAX CONTAINER

AAC CONTAINER

AMV CONTAINER

AMD CONTAINER

AAY CONTAINER

ABZ CONTAINER

AMX CONTAINER

Product selection — We keep it efficient
Product selection — We keep it efficient
Transporting perishable goods like food and pharmaceuticals? Guarantee your customers an unbroken cold supply chain with our series of temperature-controlled containers. Built to survive the rigours of air transport and harsh environments.
PERFORMANCE

An outstanding performance

Cool containers have to perform at the highest standards at all times. So, when you make your choice, check they’re made with the best possible insulation materials. Just like ours. Excellent insulation and optimised airflow will keep your cargo at the desired temperature for the entire trip, even under extreme conditions.

RELIABILITY

Reliability you can count on

The cold supply chain is all about mitigating risks. That includes the risk that your precious cargo may experience unstable or inaccurate temperature ranges during transport. Our containers are an integral part of this vital supply chain. Each one is tested extensively to guarantee its performance under normal operational circumstances.

CONTROL

Maintaining absolute control

The ability to track what’s happened during the journey and identify any temperature glitches is crucial in cool chain logistics. Every one of our cool containers comes with a temperature control unit. This not only regulates the internal temperature but also logs all relevant data that you can download and analyse.

TECHNOLOGIES

Different ways to keep cool

Making sure your cargo remains at the right temperature range for an entire journey comes down to the cooling method your container uses. Factors such as transit time, shipment size and ambient temperatures determine what’s best for you: passive or active dry-ice, insulated-only, or refrigeration. We have them all.

OWNERSHIP

Under sole ownership

Unlike other solutions available on the market, our containers can only be bought. Why don’t we lease? Because we believe that owning your equipment is a much better way to invest your capital. The money you save in the long term can be spent on other opportunities in the cool chain market.
Transportation of valuable perishable goods requires the perfect conditions. What measures do you take?
Product selection — We keep it cool
We keep it specialised

When you’re transporting valuable cargo that’s complex, over-sized and/or overweight, or you need a customised multi-modal solution that meets the highest standards. Our engineers excel at co-creating unique containers and pallets.
CUSTOMISATION

Customised protection all the way

No matter what size, shape or weight your cargo is, we can build a container for it. Whether you need full insulation, climate control or an internal securing interface, we’ll get your goods from A to B, safely and securely. Don’t be limited by your cargo’s unique features. We excel at creating unique solutions.

MULTI—MODAL

Practical multi-modal solutions

Shipments rarely end their journey at the airport. In all likelihood, your special cargo will be taken by train and/or truck to its final destination. We recognise the complexity of the logistics chain. It’s why, when designing our containers, we think about all the modes of transport you might use.

CERTIFIED

Global certification guaranteed

We have heaps of experience in building aircraft container and pallets that comply with EASA or FAA regulations. Even ULDs designed to carry extremely heavy or odd-sized cargo. Whatever challenge you set us, we’ll come back with a certified cargo container or pallet that’s perfect for your product.

CO—CREATION

A classic example of co-creation

Nobody knows more about your product than you. So, when it’s time to deliver, you’ll want the best engineers available to design and test the containers or pallets. Our people believe the best ideas are produced when working closely with partners. That includes you. Because together, we can achieve the best possible results.

SMART

Smart tracking solutions

Tracking what’s happened during shipment and identifying any delays or mishaps is crucial when transporting high value products. Any of our containers can be equipped with track and trace devices, so you’ll know the exact location of a particular container and the status of its load at any given moment.
Our team of engineers find no challenge too difficult.
Product selection — We keep it specialised
Product selection — We keep it specialised

- **DBJ CONTAINER**
- **ABB CONTAINER**
- **AKN CONTAINER**
- **AKN CONTAINER**

- **PZE PALLET (TRENT 7000)**
- **PZE PALLET (TRENT 1000)**
- **AKH CONTAINER**
- **A400M STOWAGE CONTAINER**
We keep them comfortable

Horse stables

VRR is a first-class manufacturer of certified ULD containers for the safe, comfortable and efficient transport of livestock. Our state-of-the-art stalls offer a maximum level of animal welfare and groom safety.
COMFORTABLE

First-class travel for horse & groom

Keeping horses calm during the entire journey is crucial to their well-being. The clever design of our horse stalls gives horse and groom the space they need. Comfort comes from rubber flooring, a hay and water area, and venting holes to keep temperatures pleasant. All in all, a calming environment.

DURABLE

Strong, weatherproof and long-lasting

Our stalls are made to withstand the rigours of transporting a horse by air. We start with exceptionally robust material. Then we add a watertight base to deal with urine and droppings, a weatherproof exterior, and a sturdy design. The result is a stall that is tough and enduring.

COLLAPSIBLE

Collapsible, convenient and time-saving

Horses often travel on a one-way ticket, which means their stalls usually return empty. Our collapsible horse stalls, which take just 15 minutes to assemble or dismantle, are popular with our customers. Folded down, they can be easily stacked on lower decks, saving considerable cost and time on the return journey.

SAFE

Safe, accessible and user-friendly

The process of loading and transporting horses must be safe for both horse and groom. That’s why we equip our horse stalls with all kind of features, like loading ramps, movable dividers, breast doors, easily accessible side doors, and a separate working area for the groom. Happy horse, happy handler.

CERTIFIED

Full EASA and FAA certification

Just like any other type of Unit Load Device (ULD), horse stalls must be certified before they can be loaded onto a plane. All our stalls comply with the strict regulations of the world’s major aviation authorities, FAA and EASA, and fully comply with the strict requirements as prescribed in SAE ARP621 rev. C.
Certified horse stalls that guarantee first-class travel for horse and groom.
Product selection — We keep them comfortable
Product selection — We keep them comfortable
We keep it fireproof

Fire resistant containers (FRC)

Thanks to a smart design and resilient materials, our fire-resistant containers can contain a fire for at least six hours, giving a pilot enough time to land and evacuate the plane safely.
### DESIGN

**Smart design and resilient materials**

How do you contain a fire inside an aircraft container? You use fire-resistant materials that can resist the intense heat of a Class A fire, and you redesign the cover to control the airflow. If a fire starts, the cover will cut off the oxygen flow but allow smoke to escape for detection purposes.

### CERTIFIED

**Certified to ISO/SAE standards**

Our fire-resistant containers pass full-scale tests (ISO 19281:2016). That means a Class A fire that starts inside a container can be contained for at least six hours. This gives the crew enough time to make an emergency landing, no matter where the plane is when the fire breaks out.

### Features

**DANGEROUS GOODS**

**Containing undeclared dangerous goods**

Undeclared lithium battery cargo and the disregard of safety rules, whether intentional or not, is a sad fact of life. To design containers that can safely transport these undeclared, dangerous goods in large numbers as part of regular air freight, so that’s what we’ve done.

**ULD TYPES**

**An FRC for all types of plane**

The combustible nature of lithium-based batteries poses a risk to all aircraft, whether it’s a Boeing 787-300F or an Airbus A330F. Whatever type of plane you use to transport these batteries, we can adapt the size and contours of our fire-resistant container to suit your operations perfectly.

**REPAIR**

**Easy to repair**

Choosing the best fire-resistant materials is, of course, paramount. But the materials we use are also selected on their ability to be repaired. All of the container’s fire-resistant materials can be repaired or patched using conventional methods such as adhesives or fasteners.
Spontaneous combustion of Li-ion batteries presents aircraft with a serious fire risk.
Product selection — We keep it fireproof

LAY FRC CONTAINER

ALP FRC CONTAINER

AAY FRC CONTAINER

ABJ FRC CONTAINER
We keep it small

Foldable containers

Cut shipping costs and save space with our ingenious collapsible containers. They can be folded and stacked for return journeys. Once in storage, they’re easy to reposition, making them super convenient.
CAPACITY

Increase your capacity

How do you get more out of an aircraft container? By reducing its size, not its capacity. The smaller the container, the easier it is to bring back or forward on empty. Our containers are designed to maximise volume and minimise dimensions, meaning you pay less for deck space.

SAVINGS

Save time and money

Relocating empty containers is either expensive (disassembling) or time consuming (sea freight) or both. The more logical option is to use collapsible containers. You can stack them on lower deck positions for the return journey or stack them in a warehouse. Either way, you save.

SIMPLE

Leave the tools at home

There’s no need to carry special tools or equipment when you buy one of our containers. The job of constructing and collapsing a VRR container takes less than five minutes and needs only one or two people. So, use that extra space for your cargo.

DURABLE

Make it last a lifetime

There’s no way round it. Aircraft containers have to tolerate a lot of rough treatment from users and operators. That’s why we give all our containers a sturdy, rigid design; one that can withstand all that use and abuse. The tougher the container, the longer its useful life. And that’s good economics.

ULD TYPES

Make it a smaller fit

Designing a container to fit a plane’s main or lower deck perfectly is pretty cool. But to reduce the size of perfect-fit container without sacrificing volume requires a lot more skill because each type of container requires a different manufacturing technique. Fortunately, we have the expertise.
Trade lane imbalance requires costly and time consuming repositioning.
The spirit of adventure that originated with our Dutch founder in 1946 continues to guide us.

Everyday, our people are finding solutions to the air transportation problems you face now and the ones you’ll be facing tomorrow.”
We’re ready to help. No matter where in the world you are.