

**FIRST CLASS TRAVEL
AT ECONOMY CLASS PRICES.**

DAY-OLD CHICK VEHICLES



with the *EcoTransport* technology



Nowadays, all the major brands' vehicles can deliver your chicks in perfect condition on almost every occasion. That is a fact.

Now the focus shifts. What matters now is long-term reliability and **costs** — and this is where the VEIT vehicles have no rival.



DAY-OLD CHICK VEHICLES

with the *EcoTransport* technology

+ It's all about your success

Let's face it. Your primary goal is to make a profit. Low-consumption, efficient, durable and safe VEIT vehicles have proved to help like no other. Every aspect of VEIT vehicles is designed with your goal in mind.



This brochure aims to introduce some of the unique features of the VEIT chick transport vehicles. Should you have any further questions, please see the Contact section – we are ready to help.

VEIT's philosophy



At the beginning there was a man who came with the idea of producing vehicles for day-old chicks. Armed only with his technical knowledge and courage, this Czech man dared to enter the world market and compete with the well-established, long-existing rivals. A few years later his son joined him and together they have brought the family company to its current state – standing alongside the best producers of day-old chick transport vehicles in the world.

Hard work, enthusiasm, a personal approach, recruiting the best technicians and employees, fair play and flexibility. With these essential attributes the VEIT company achieves the highest level of quality. Thanks to its own research department, VEIT can always strive for improvement and progress. And yet, the technical solution, while sophisticated,

remains simple. There is great power and beauty in simplicity. People often look for complicated solutions, when in the end they find out that the simplest way is the best one. VEIT realised this right from the beginning and that is why its solution is so uncompromising.

Customer orientation is all-important. Being technically equipped, VEIT adjusts every vehicle to the customer's individual wishes.

"The VEIT crew with their knowledge, skills, experience and passion play for your team."

Milan Veit, founder



+ We know your passengers well

For any reputable day-old chick transport vehicle producer it is absolutely necessary to fully understand the chicks' anatomy, metabolism and behaviour. Temperature control must be powerful and yet precise enough to keep the air temperature within the narrow optimal

margin of 32 – 35 °C. CO₂ levels must be constantly monitored and kept below 1500 ppm, heat production ranging from 200 to 550 mW per chick has to be compensated etc. In our perfectly controlled environment, the chicks are well prepared even for 2 – 3 days' travel.

Using VEIT vehicles means delivering first class chicks that perform at their best from then on. Your customers will appreciate that.

Transport of day-old chicks with added value



The end consumers often don't realize how much work is behind getting high-quality, healthy, delicious poultry on their plates. But we know that there is a sophisticated chain of professionals involved. From geneticists and scientists, through hatcheries, poultry farms, producers of equipment and feed to slaughterhouses – all parts of the chain must work perfectly. With no exception. Day-old chick transport is as important as any other part of the process. It is good to know that more and more decision-makers in the poultry industry realize this today.

of airflow and the right temperature. The chicks must reach the farm in excellent health and unstressed. **But these days professional transport means much more than that.** Providing comfort for the chicks is crucial, providing comfort for the people who work with the chicks is the added value. Comfort for the drivers during everyday operation with the vehicle, such as cleaning, temperature alarm, automatic control etc., comfort for the technicians, who are responsible for service and maintenance, and comfort for the owners and decision makers, who can gain a competitive advantage at lower costs. VEIT supplies comfort for both chicks and people.

But what does the professional transport of day-old chicks actually involve? Everybody will agree that it means delivering the day-old chicks in perfect condition, which is achieved by providing them with the appropriate measure



+ Innovative, smart, efficient vehicles

- + How much will you save thanks to 20 % lower consumption?
- + How much will you save on cleaning times?
- + How much would an infection outbreak cost you?
- + How much will easier maintenance and longer servicing intervals save you?

It's good to ask yourself these questions. Take some time and think about it. We can assure you that we are talking about enormous amounts of money.

Read more reasons "Why VEIT?" >



VEIT vehicles are efficiency and reliability oriented. Our original main concept together with innumerable intelligent solutions makes them **real workhorses and profit making machines.**

Why VEIT?

■ Complete safety for the chicks

Thanks to strong, top quality components and sophisticated, well-tuned technology, VEIT vehicles operate with the highest power of cooling, heating and ventilation with double backup.

■ Proven in extreme conditions from freezing Siberia to hot Thailand

Double backup means increased reliability: natural backup guaranteed by EcoTransport technology and more optional backup systems.

Even if drivers leave a VEIT vehicle for some time (ferry, sleep, mealtimes etc.), they can stay in touch with their precious cargo via a wireless temperature alarm.

■ Sophisticated, yet simple technology

The more complicated the system, the more it tends to break down. That is why VEIT always seeks the easiest solution. No tricky wiring boxes or engine rooms. Simple, clean and inventive.

■ Simplicity brings less frequent maintenance and service

VEIT smart technology is very light, which means the vehicles are swift, well manoeuvrable, they wear out slowly and have lower consumption.

■ First class travel at economy class prices

The acquisition price is not the only important factor. Wise decisions result from considering the running costs throughout the whole life of the vehicle.

EcoTransport technology reduces fuel consumption considerably and in real terms. The owner of the vehicle will notice this after each and every journey.

The acquisition price, EcoTransport technology, light body and easy maintenance make VEIT a champion on today's market. Your chicks can travel first class at economy class prices.

■ Comfort for the drivers: their job well done

VEIT trucks have a perfectly flat floor with no channels or covers and a roof channel that can be opened in a few seconds. All components of the interior are made of noncorrosive materials. This makes cleaning and disinfection much shorter and biosecurity easy to reach.

A wireless control unit located in the drivers' cabin intelligently evaluates many inputs to ensure optimal control and provides a constant overview of the climate or condition of the air filters.

The air filters can be quickly cleaned or swapped for a new set on the road, which comes in handy especially on long trips.

■ Complete service all the way right from the first contact

Any project must be properly thought over and designed. VEIT offers an expert's opinion and recommendation for any of your ideas concerning day-old chick transport.

We provide professional training for your staff and optionally also their tutoring during the first chick delivery with an experienced VEIT technician.

Whether it's a piece of technical advice you urgently need or a state of emergency during your delivery, VEIT professionals are on call 24/7 and they get to you as soon as possible.

Thanks to GPS online monitoring you are informed in detail about your precious cargo no matter where you are. Both PC and mobile applications available.

■ VEIT demo-vehicle

A unique opportunity to try for yourself. A VEIT 26 truck for one week, free of charge – it's a real bargain.

■ Innovative company easy to deal with

We are always open to new ideas. **Talk to us and you will see!**

Call +420 545 235 252 now!

+ Fine-tuned to work hard

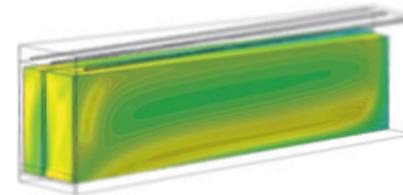
From the electronic circuits to the carefully shaped ventilation system, everything was designed in-house by VEIT experts. All parts together governed by our own programming

code make up the perfect whole. As its creators, we know it down to the last screw. This fact makes the service quick and easy should the need arise.



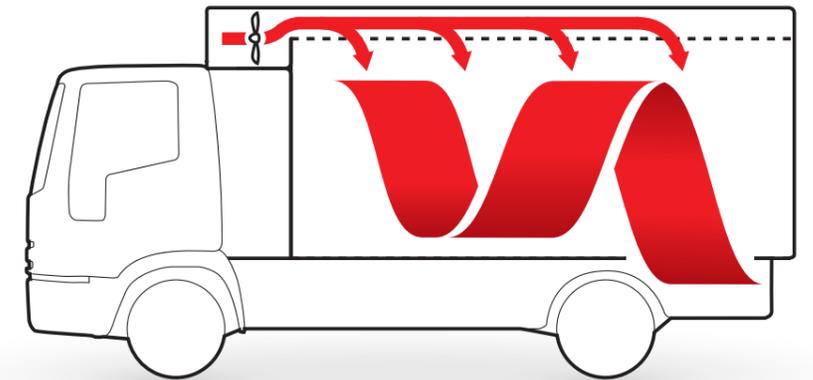
We think and we optimise. We do not need 400 V electricity or 10 kW of fan power because we do not lose 7 kW due to low efficiency. **And when you lose power, you lose money.**

Ventilation system



Using science to stay cool

A 560-processor cluster supercomputer needs one week to test one ventilation setup. For perfect results, more than 80 configurations have been tested. And the real-life experience proves it was worth the effort.



A highly optimised ventilation system with the 3D airflow design is the core of our vehicles. Wide and carefully calculated channels minimize losses from drag and turbulence. The 3D airflow arrangement uses physics to help the air to move effectively in all three dimensions – down, sideways through the boxes and upwards thanks to convection while simultaneously progressing to the rear thanks to pressure gradient. This creates helical streamlines passing through each and every point in the inner space, so that every single chick gets the right amount of filtered, conditioned and CO₂ monitored air. The airflow is constantly mixed with fresh air and once it reaches the rear exhaust vent, it leaves the body or recirculates to conserve energy. This exceptional design uses a body with a simple, flat floor and a light roof channel that you can open in seconds and clean easily.

■ Revolutionary air filters

VEIT air filters are easily accessed from outside, during the transport. When the driver is notified by the control unit it only takes two minutes to clean the filters and the transport can continue with airflow unrestricted. There is no need to remove the trolleys, stress the chicks and lose precious time on the road.

■ Advance through science

The principle of the 3D airflow design is to employ natural phenomena to assist the fans and to distribute the air evenly. This would not be feasible without scientific simulations we carried out together with the Technical university. Months of computing, testing and fine-tuning resulted in the 2nd generation ventilation system – the most reliable and efficient ventilation with perfect temperature uniformity and increased safety margin.

■ Intelligent control

With data collected from many different sensors, VEIT's sophisticated control unit continuously computes the optimal settings: fresh to recirculated air ratio, heating or cooling power and so on. This guarantees **optimal conditions for the chicks and the lowest possible costs for the owner** at the same time.



+ Safer, simple and economical

- + 20 % lower consumption
- + Lower maintenance costs, because of significantly lower wear of vital components
- + Better reliability as the truck's engine supplies natural backup
- + Lower environmental pollution

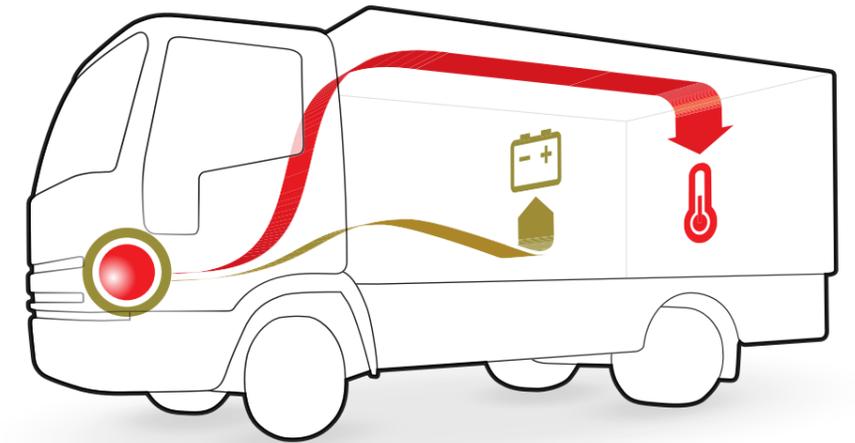
This is the EcoTransport technology. Original, revolutionary, much talked about and above all: a working system to cut your costs.

Backed up with many years of development, all attempts to copy VEIT EcoTransport have failed so far. And that really means something.

[Read more about how it works >](#)

The true VEIT hallmark – an ingenious and yet simple idea. Implemented after careful development and tested throughout the decades. A robust solution to **save your money**. That is EcoTransport.

EcoTransport



EcoTransport is not a substitute for a strong solution, it is a sophisticated addition to an already powerful system. VEIT vehicles include all the standard parts that are used in vehicles for day-old chick transport, such as a diesel engine, a generator and a separate heating unit. But thanks to the EcoTransport technology, these units can be switched off half of the time **saving 4 to 5 liters of fuel every hour**. Besides, as the heating and ventilation systems are both effectively doubled, EcoTransport provides a **natural backup solution** – with no weight added and coming as standard equipment!



Two principles behind the EcoTransport technology:

- **Recycling waste heat from the truck's engine**
- **Using the electricity generated by the truck's engine**

With the EcoTransport system, the truck's engine is connected to the heating system and the waste heat from the engine is used to heat the chicks. In most cases the heat from the engine is enough, so the separate heating unit stays switched off.

When the waste heat from the engine is insufficient, the separate heating unit starts automatically. It will then be switched off as soon as the truck's engine is able to heat the chicks on its own again.

The same applies to the electricity. When the truck's engine is running, it generates 24 Volt electricity for the lights and other electronic equipment installed in the truck. Thanks to a carefully optimised ventilation system, this 24 V high-current electricity is more than enough to power the fans, so the auxiliary engine and generator can be stopped. The separate generator needs to be running only when cooling or when the truck's engine is stopped. Additionally, the ventilation system can be powered by backup batteries for up to 4 hours, which increases safety significantly.

The benefit >

+ Biosecurity guaranteed

Once an infection appears it is a real disaster. The associated costs are enormous, the authorities' attention unnerving. Thorough cleaning of the vehicle body after every journey is a most essential task that can prevent an infection outbreak. The problem is that not all drivers like cleaning as it can be a long and tedious job.

VEIT vehicles have solved this. Nowhere for an infection to hide and with cleaning times reduced to half, no more sloppy cleaning jobs – all this will save you from worries and great expenses.

[Read more about VEIT's biosecurity solution >](#)



In detail >

Cleaning is similar to insurance. Small expenses can prevent extreme losses and bring you peace of mind. VEIT "insurance" covers more at lower "prices". A real bargain.

Easy cleaning

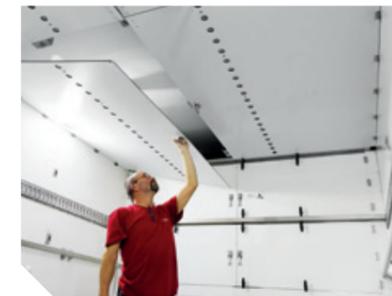


Our design enables a better quality of cleaning, comfortable manipulation and greatly reduced cleaning times compared to the competition. One driver can thoroughly clean the whole body in about 30 minutes – a time not even remotely possible with other designs. Just consider: **it adds up to more than 10 hours saved every month! And time is money.**



■ Flat floor

Comfortable and fast cleaning with no problematic places where germs could hide. No need to lift the floor covers or to clean a floor channel present in other systems, where all the excrements collect. All the sewage leaves the body directly with no residues.



■ Fast opening panels

All panels can be opened within seconds, no tool required. Flat, uncomplicated surfaces behind the panels make cleaning fast and efficient.



■ Water-proof fans

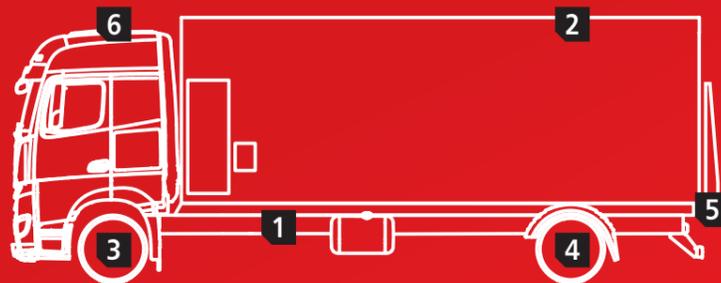
Every part of the system is readily accessible. Even the fans themselves can be easily pressure-washed and disinfected for total biosecurity. The same goes for the radiator.

Consider testing the unique ease of cleaning – borrow our demo-truck.

+ True versatility for real business

Basic terminology

1. Chassis
2. Body
3. Front axle
4. Rear axle
5. Tail lift
6. Sleeping cabin



	VEIT 3.5		VEIT 5	VEIT 12	VEIT 18/26	VEIT 40
Chassis	Truck 3.5 t	Ultralight 3.5 t	Truck 5 t	Truck 12 t	Truck 18/26 t	Semi-trailer 40 t
Maximum capacity (chicks)	14 400	17 800	23 000	50 000	88 000/115 600	153 600
Temperature range	-35 to +44 °C	-35 to +44 °C	-35 to +35 °C	-35 to +44 °C	-35 to +44 °C	-35 to +44 °C

Dimensions of the body*						
External length (mm)	2 760	3 720	4 350	6 400	9 500/9 970	13 620
Internal length (mm)	2 280	3 220	3 830	5 100	8 200/8 670	12 220
External height (mm)	2 060	2 540	2 110	2 650	2 830	2 830
Internal height (mm)	1 920	2 120	1 920	2 140	2 295	2 295
External width (mm)	2 160	2 100	2 160	2 590	2 590	2 590
Internal width (mm)	2 110	2 020	2 110	2 500	2 500	2 500

Technical specifications						
Payload (kg)**	840	1 000	1 800	4 500	6 200/11 500	18.5 t / 23 t
Weight of body and technology (kg)	910	880	1 200	3 200	4 300	9 500
Ventilation capacity (m³/h)	4 800	4 800	4 800	7 700	15 400	22 600
Airflow delivered to chicks (m³/h)	2 500	2 500	3 000	6 000	12 000	18 000
Cooling power (kW)	9	9	9	30	50	70
Heating power (kW)	9	9	9	35	35	35
Temperature sensors	2	2	2	3	3	3

Filters Easy to clean, removable from the outside (during the transport). No limits to the length of the routes.

* dimensions of the body can be adjusted according to customers' needs and requests, the given dimensions are the most frequent examples
 ** without driver and fuel, using standard chassis

Options – call us at +420 545 235 252 for a complete list of extras

Full backup of cooling, wireless alarm, GPS online tracking and telemetry, 400 V supply, disinfection system and much more

If you are not sure which type would be best for you, consult us. We will be able to find the right one or create an individual solution right for you.

VEIT vehicles



We are quite sure we can provide you with the right solution for your current needs. It doesn't matter whether you are a multinational chick transporting corporation or a small hatchery,

whether you want to build your fleet or just want a small, operative backup. Based on our detailed knowledge of customer needs, our range consists of 6 different sizes.



■ VEIT 3.5
Fast and operative. No speed limits, no mandatory breaks. Basic driving licence sufficient.



■ VEIT 5
More than twice the capacity of VEIT 3.5 but still swift and handy.



■ VEIT 12
Good capacity and weight just below the limit for the highway toll in some countries.



■ VEIT 18
Economic yet powerful high-capacity solution.



■ VEIT 26
Serious power, robust solution even for the transport of hatching eggs.



■ VEIT 40
Extreme capacity for long-distance transport.



The benefit >

+ Proven, valued and trusted

As we stated at the beginning: every major manufacturers' carrier can deliver the chicks safely. What makes VEIT vehicles stand out is the ease of use and lower costs. Our customers already know that this cost reduction is real.



In detail >

What pleases us most and makes our work satisfying is a happy customer who keeps coming back. Fortunately, we have quite a lot of them. And this is the right time to thank them.

References



For a large number of companies around the world, VEIT is the brand of choice. VEIT products are exported to over 70 countries, so we have become familiar with the specific needs of different countries and continents.

From the most severe conditions of Siberia to hot Thailand, our vehicles have proven reliable and economical. Even now, at this very moment, many millions of chicks enjoy their first class travel at economy class prices.



+ Get in touch

We still have a lot more to say and show you. It is not easy to include all the benefits, all the knowledge and decades of experience in one tiny brochure. There are things one can only appreciate in real life – superior

build quality, great design from the basic concept to the smallest detail and, last but not least, customer-oriented, friendly, helpful and knowledgeable staff. Come and see for yourself. **After all, seeing is believing.**



We are always keen to meet you. Feel free to arrange a meeting at our headquarters or visit us at any major trade fair.

Contact info



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■ VEIT demonstration vehicle

The ultimate proof that what we claim is true.

Actions speak louder than words. VEIT proudly and gladly offers you the opportunity to borrow our demonstration vehicle, the VEIT 26 truck. Test it free of charge for one whole week and let it impress you. We will be looking forward to hearing your reactions.

Please call us for further details.





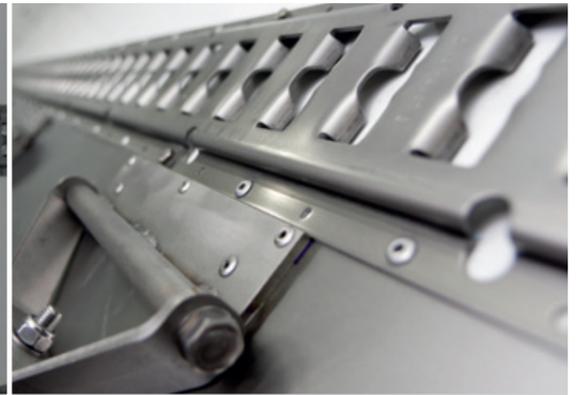
■ Easily accessible air filters allow longer transports.



■ Superior build quality.



■ Biosecurity standards met easily.



■ Non corrosive, long-lasting materials.



■ Powerful, intelligent and efficient fans.



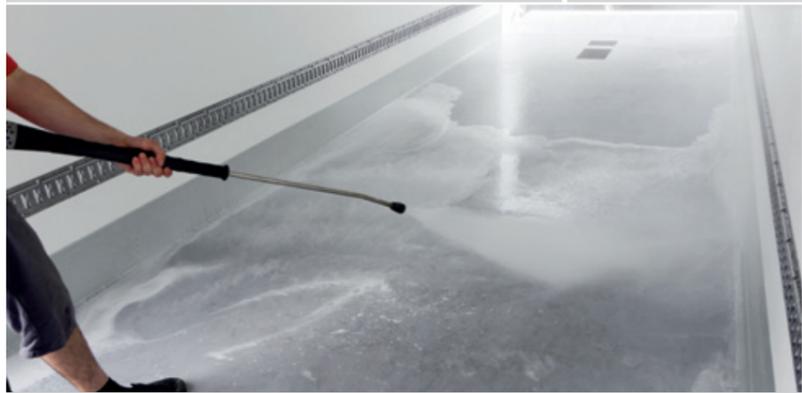
■ Three layers of protection: EcoTransport, engine and backup batteries.



■ Instant overview with online tracking.



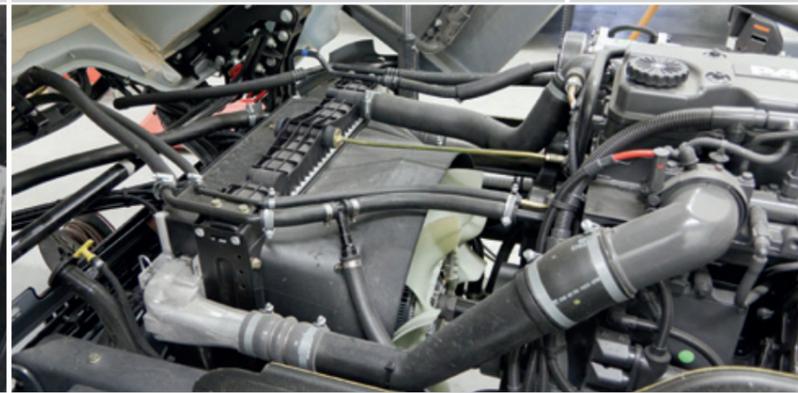
■ Open all panels by hand within seconds.



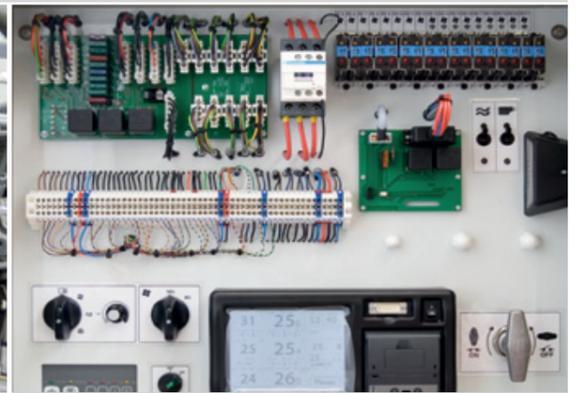
■ Greatly reduced cleaning times that your drivers will appreciate.



■ Biosecurity enhanced: pressure wash even the fans.



■ The heart of the EcoTransport system. Power that no generator can match.



■ As simple as can be. Well arranged, reliable and light.



■ Once again: easy access and uncluttered spaces.



■ Quality brand parts for the longest possible service life.



■ Online tracking of all parameters.



■ Top notch customer care: worldwide 24/7 service, training, helpline.

