

HINO


700 Series

Driven to Perfection

<http://www.hino-global.com>

HINO 73245 (FY)

- Vehicles (trucks) shown in this catalog have been designed with special specifications for the purpose of these photos.
- Specifications including cab color and various devices may differ in part from production models.
- Certain devices shown in this catalog may not be installed in some models.
- Dimensions and devices shown in this catalog may be changed without prior notice. Please contact your nearest dealer for details.
- Please note that load capacities may change should there be an increase in vehicle weight due to load area designs or special specifications.
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 **HINO**

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HINO

HINO 72841 (FS)



Aiming for the ideal heavy-duty truck

How far can we take “reliability” when we speak of trucks? We believe the HINO 700 Series of heavy-duty trucks has a clear answer to this question. With engines that are designed with the aim of delivering good fuel efficiency and low emissions, it provides powerful driving performance, high durability, transport quality, and flexible body-building capability, as well as comfort. The HINO 700 Series has been designed to be endowed with levels of performance and reliability through tests repeated many times to develop the “ideal” heavy-duty truck based on data gathered from various countries around the world. But it is not only enhancing the potential of its products that HINO pursues. As a solid business partner, we constantly ask ourselves, “How can we meet our customers’ needs and continue to deliver high levels of satisfaction?” And because the answer to this question—HINO’s after-sales support system—comes with the HINO 700 Series, we hope it will remain a trusted partner for you as a worthy champion of reliability.

HINO 700 Series

Tomorrow's technology for today's environment



HINO 72848 (SS)

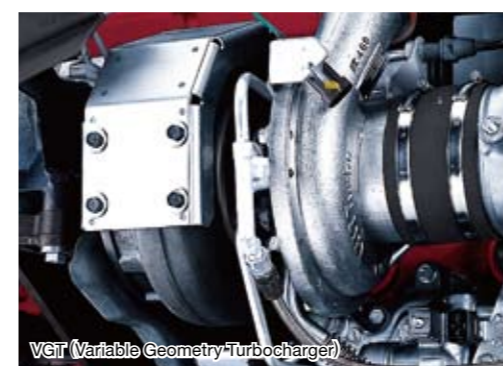
HINO pursues both low emissions and good fuel efficiency.



E13C engine

The E13C engine produces its maximum torque at 1,100 rpm. With this low-revolution, high-torque characteristic, drivers do not need to step on the accelerator pedal more than necessary, which in turn leads to good fuel efficiency.

Trucks cannot avoid evolving towards becoming more environmentally friendly. For this reason, HINO has strived to solve this problem early on in order to develop a variety of low-emission, fuel-efficient technologies ahead the rest of the world. HINO's good environmental friendliness—which derives from HINO's passion for R&D—has been inherited by the HINO 700 Series as well. For example, the engine adopts a "common rail fuel injection system"—a cooperative engine control system—with the aim of achieving appropriate control of the fuel injection process resulting in low NOx and PM emissions as well



VGT (Variable Geometry Turbocharger)



Cooled EGR



Optimized aerodynamic design

as good fuel efficiency and low CO₂ emissions.

The EURO 4 and EURO 5 engines use stepless electronically controlled EGR valves and a high-efficiency EGR cooler to reduce the engine's intrinsic emissions. Through these technologies, we aim to contribute to the reduction of operating costs. The HINO 700 Series is designed to pursue both low emissions and fuel efficiency. We believe its potential, which HINO is proud to present to the world, will bring good economic efficiency and a sense of awe to your business operations.

VGT (Variable Geometry Turbocharger)

The turbocharger achieves high power by sending compressed air to the engine.

Cooled EGR

Cooled EGR is a system that aims to reduce the engine's intrinsic NOx emissions. The E13C engine, which complies with EURO 4 and EURO 5, is equipped with stepless electronically controlled EGR valves and a highly efficient EGR cooler to comply with stringent emissions regulations.

Optimized aerodynamic design

The HINO 700 Series' styling is based on our aerodynamic research and helps enhance fuel efficiency.

The reason why this truck delivers powerful driving performance, durability, and reliability

Is it too much to ask for good fuel efficiency, low emissions, powerful driving performance, and durability in a heavy-duty truck? We don't think so. With the HINO 700 Series, we have aimed to meet these needs. One of the development goals we have set for ourselves was that the truck should deliver good performance under harsh operating conditions. HINO has conducted studies of various operating conditions around the world. Additionally, we gathered trucks that have been on the road under various conditions for 1-1.5 million kilometers and studied them. We then derived vehicular and performance specs based on these data, and conducted various tests throughout the development process. The reason that every single part in the HINO 700 Series contributes to delivering high durability and powerful driving performance while achieving low emissions and good fuel efficiency is, we believe, the no-compromise spirit and technological capabilities that go into the development of our trucks. Another reason is the after-sales service system that comes with our trucks, which aims to give you peace of mind in operating your trucks for years to come.



HINO 72845 (SS)



HINO 72845 (FS)



Wave pitching road test



Roll-angle test



Vehicle vibration durability test

HINO's testing and evaluations

In addition to evaluating and analyzing the basic performance and safety of HINO products on a range of testing systems, we conduct tests for fuel efficiency, driving performance, and cold weather performance on test courses. We also evaluate the functions of parts and the characteristics of resin polymers on test benches. Only after passing various tests and undergoing test drives that exceed several tens of thousands of kilometers are HINO products delivered to customers with our confidence.

Power with durability



HINO 74045 (SV)

Making the efforts to transport confidence



HINO 72945 (FY)

Enhanced transport quality to meet our customers' needs

What can we do so that fragile merchandise maintains its quality during transport? The HINO 700 Series is loaded with a broad range of technologies designed to enhance “transport quality”—technologies that have been developed with the success of our customers’ businesses in mind. The air suspensions on these trucks help absorb vibrations from road bumps that can be a major cause of cargo collapse and damage. With flexibility and good rigidity, the taper-leaf suspension helps deliver both vibration absorption and durability. Using different variations of these suspensions, the HINO 700 Series comes in a variety of model variations that have been designed with our customers’ needs in mind for various road conditions and operating environments and what the truck will be transporting. Some models come with a height control system for

adjusting the height of the rear body, which makes cargo loading and unloading easier for the driver and hence helps reduce cargo damage during loading and unloading. As needs for high-quality transport are increasing in modern logistics, the HINO 700 Series aims to deliver good transport quality that our customers can have confidence in.

Fuel tank
Large fuel tanks for long hauls.

Air suspension
The air suspension is designed to help reduce vibrations from road bumps and achieve good transport quality.

Taper-leaf suspension
With fewer leaves, the taper-leaf suspension is designed with the aim of producing less inter-leaf friction and delivering a flat riding feel. With fewer high-strength components, the suspension also delivers high durability.



Fuel tank



Air suspension



Taper-leaf suspension



The driver's space is packed with various ideas.

For the interior environment of the HINO 700 Series, we pursue comfort to reduce driver fatigue.

The interior is loaded with a variety of ideas for delivering comfort; for example, switches have been laid out near the driver and its windshield has been designed to provide a wide field of vision. In addition to enhancing visibility and operability, the interior of the cab is colored gray and black to give it a premium feel. The 700 Series' driving environment is designed with the aim of delivering a level of comfort and security that gently envelops the driver. We believe this is another area where we can have great confidence in the HINO 700 Series.

Bed space

We offer a variety of types of cab that are designed to provide a restful environment including a bunk bed in high-roof trucks that comes with a lower bed with a depth of up to 800 mm, as well as cabs with a convertible bed or flat seat bed.

Instrument panel

The meters' faces are lit with LED to help ensure good visibility and long operating lifetimes.

Pursuing further comfort



Bed space



Double sleeper cabin



Overhead console and storage space
Ample storage



Instrument panel



Shift lever

Their body-building capability is the result of our pursuit of customizability.

Our aim is to design trucks that are suitable for a diverse range of individual customer needs around the world. One area where this concept that we have set for the HINO 700 Series is clearly evident is its flexible body-building. In order to accommodate the needs of our users, the HINO 700 Series has been designed with the aim of efficient body-building in local countries. Because components and units such as suspensions, axles, brakes, and fuel tanks have been modularized, they can be put together in different combinations to create chassis layouts that match different body-building configurations. Additionally, the HINO 700 Series' engine, chassis, and body have been designed aiming for lighter weight and hence greater loading capacity while retaining high levels of strength and rigidity. What will you carry? What kind of body do you plan to build to carry it in? The HINO 700 Series is designed to have the flexibility to accommodate these needs and evolve into a truck suitable for your business.

HINO 72945 (FY)



Deliver the best truck suiting your business



HINO 72844 (FS)



HINO 74041 (ZS)



HINO 74041 (FY)



HINO 72045 (SH)



HINO is always at your side

We give thorough maintenance advice to our customers



Our road service offers help in case of breakdown on the road



Supply system for genuine parts



Seminars on eco-friendly driving



Seminars on daily inspections



Customer visit services



Training for technicians



HINO's provision of various services as a business partner

HINO's total support system maintains the reliability of its trucks.

Once you become an owner of a HINO truck, you will gain access to our total support system that includes choosing the right truck for your business, free inspections during the early months of your ownership, and periodical maintenance, as well as high-quality service, supply of genuine parts, and our ability, as a business partner, to propose solutions to any problems that you may encounter. How can we keep our customers' trucks operating with no down time?

How can we offer total support for our customers' businesses? In order to create a more robust support system that helps us realize these goals, HINO makes its best efforts to enhance the quality of support based on our "Customer First" philosophy and our policy of never being content with the status quo. An example can be seen in our efforts to train technicians to enable us to provide the same level of quality service in different situations. Additionally, we implement services where

if a truck breaks down on the road, a technician is dispatched to repair your vehicle. We also conduct a range of useful activities, such as seminars on eco-friendly driving held in various countries. We hope this support system gives you the peace of mind that HINO is always at your side, and is one of the essential parts of the reliability of the HINO 700 Series.

