



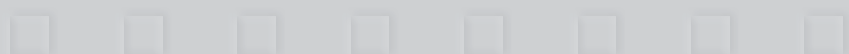
TEDOM

technology
in harmony
with nature



buses

TL





introduction

Tradition **tradition**

buses

The bus manufacturing is one of the key activities of the TEDOM holding company. This historically latest activity is connected with the acquisition of the LIAZ engine manufacturer. LIAZ was the most widespread brand of engines used in buses operated in the Czech and Slovak Republic. Based on our long term experience of using gas combustion engines in our energetics projects we are continuously developing the engine manufacturing. Our goal is to become the leader in the CNG bus market. The current success in this field of business and the growing demand for gas vehicles clearly show us that the chosen way is right.



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The first TEDOM bus in 2004

History of the bus manufacturing

The tradition of LIAZ engines and the acquisition of the engine factory in Jablonec nad Nisou were the main impetuses for purchasing the licence for the manufacturing of the Neoplan type buses. These buses were produced in the Czech Republic for Italian company Mauri in the past years. Our designers made some necessary modifications for their operation in the Czech Republic and completed the development of the gas engine suitable for this bus. The first TEDOM bus was presented in spring 2004. Since 2007 these buses have been made in a newly-built, modern assembly plant in Třebíč.

environment

With respect to the environment

about us

quality



Our advantages

Our indisputable advantage is the closeness to customers, short delivery period, flexible response to special requirements, price flexibility, and service speed. Our all-round flexibility, as well as the possibility of direct communication with the TEDOM holding top management are appreciated by our customers.

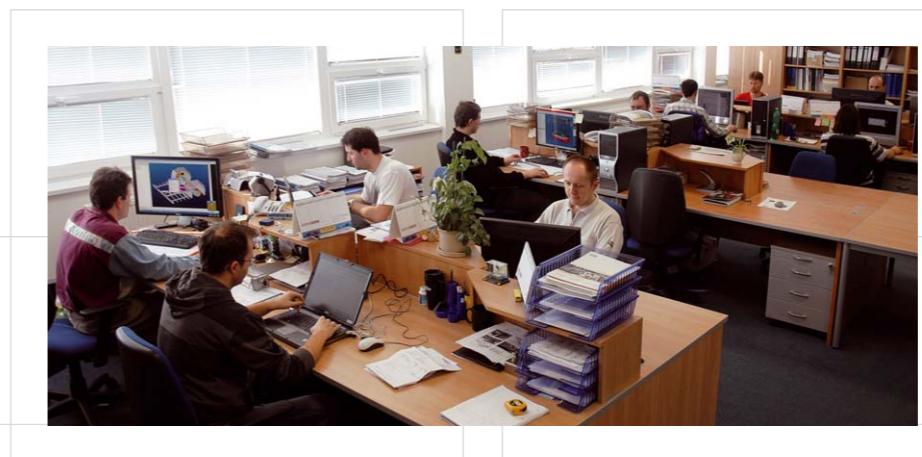
Quality is our standard

The entire bus manufacturing process is certified according to the ISO 9001:2000 standard. Its compliance is regularly supervised by the international certification company Lloyd's Register Quality Assurance.

Design

When preparing for manufacture, we rely on a strong team of young and enthusiastic designers who have state-of-the-art software available and, in particular, they like to face to challenges and have original ideas. The results of their efforts are reliable buses which are popular among both passengers and drivers.

All activities of our company take account of environmental protection. This applies in power engineering, where we focus on clean fuels and renewable energy sources, and also in transport equipment, where we place an emphasis on compliance with the strictest emission limits. We also respect ecology in the bus manufacturing, which is proven by certification according to the environmental standard ISO 14001:2004.



Our team of designers

production

manufacture - inspection

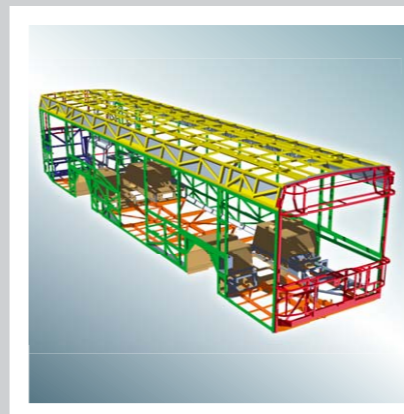
manufacture

service



Manufacture

TEDOM buses are manufactured in a modern assembly plant in Třebíč where the final product is assembled from supplied components. All components of the bus such as the engine, frame, gearbox, axles, coating, etc. are supplied to the plant by external suppliers and we can fully concentrate on details and the special customers requirements.



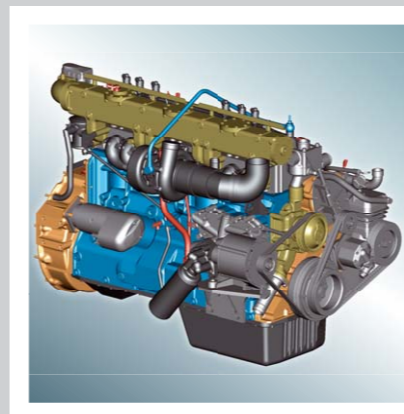
Construction

The basis of the TEDOM bus construction is a frame made of thinwalled stainless steel sections which is coated with aluminium sheets, plastics and fibreglass. This combination does not require any additional anticorrosion protection and is a guarantee of the long life span period of the bus.



Final inspection

Before shipping, all buses undergo a careful final inspection which includes thorough load tests on a dynamometer, function tests of all bus components, and also, for example, leakage tests in so-called „artificial rain“. After final testing, the buses are ready to be delivered to our customers.



Propulsion system

CNG buses are equipped with CNG TEDOM engines with a displacement of 12 litres in both vertical and horizontal versions. Diesel buses can be equipped with Deutz engines with a displacement of 7 litres or with TEDOM engines. In all cases, these modern engines are meeting the strictest Euro 5 and EEV emission standards.

Also the other bus components are supplied by renowned manufacturers.



Maintenance

Maintenance is a part of our after-sale services to customers and it provides an important feedback for our designers. Reports from real operation give us a clue how to improve the driving qualities or reliability of our buses.



Quick and quality services

Apart from our own team of service personnel, we cooperate with a number of professional service companies in the Czech Republic and abroad to be able to provide our customers services as quickly as possible.

city

City bus

buses

TEDOM C12 G, TEDOM C12 D

Both TEDOM C12 G (gas) and TEDOM C12 D (diesel) are 12-metre-long low-floor buses meeting all requirements for a modern means of transport. In both types the engine is located vertically in the rear left part of the vehicle. The main feature of the city buses is a low floor along their entire length and have 14 to 17 seats accessible without any steps or elevations. Three wide doors opening inwards and a low entry level with the possibility of the further kneeling of the bus are a guarantee of a quick entry and exit of passengers at stops. At the middle door, the bus is equipped with a tilting platform for the access of wheelchairs or prams. Upon request, the driver's compartment or the whole vehicle can be equipped with air-conditioning.



Diesel bus

intercity

Intercity bus

buses

TEDOM L12 G

suburban

The TEDOM L12 G, a suburban, partly low-floor bus of low-entry type, is offered in a version with the TEDOM gas engine which is located under the elevated floor in the rear part of the bus. A large overall capacity, up to 14 seats in the low-floor section of the bus, a space for a wheelchair or pram, a tilting platform and lockable luggage spaces are the main advantages of this increasingly popular type of bus.



