

# SMALL BUT SIGNIFICANT ENOUGH

# WEIGHT AND SIZE SPECIFICATIONS

As a manufacturer, we specify a total mass of each vehicle, for which the vehicle is authorised for road use. This total mass must not be exceeded when driving. Our information on vehicle weights is therefore of great importance when selecting your motorhome and configuring optional equipment offered by the manufacturer. The following information gives you an overview of the legal framework for our weight specifications. You should read this information carefully before selecting and configuring your motorhome. If in doubt, please contact your dealer.

# 1. Technically permissible maximum laden mass

The technically permissible maximum laden mass is the total mass specified by the manufacturer, which your motorhome must not exceed when driving. You will find information on the technically permissible maximum laden mass of each vehicle in the Technical Data.

Please note that exceeding the technically permissible maximum laden mass is a misdemeanour in Germany and many other European countries and can be punished with a fine. As a driver, you are responsible for ensuring that the technically permissible maximum laden mass is not exceeded. You should therefore weigh your motorhome before every journey.

### 2. Mass in running order

The mass in running order for the vehicle version of your motorhome is entered in section 13 of the Certificate of Conformity (CoC) and indicates the unladen weight of the vehicle with standard equipment according to the manufacturer's specifications, including

- the mass of the body, the cab, the tyre repair kit and the tools,
- the fresh water tank filled to 100 % in driving mode (drive load according to the Technical Data),
- one aluminium gas cylinder filled to 100 %, with a weight of 16 kg,
- the fuel tank filled to 90 % including fuel,
- the AdBlue-Tank filled to 100 %,
- the mass of the driver, which (regardless of the actual weight) is rated at 75 kg.

Information on the mass in running order of the basic variant of the vehicle can be found in the Technical Data. Please note that the mass in running order indicates calculated values from the type approval procedure, which may deviate by up to  $\pm 1/2$  % due to production. The occurrence of such production-related deviations of up to  $\pm 1/2$  % is permitted by law, but may have an impact on the pay-mass of your motorhome.

### Example:

Mass in running order according to Technical Data in kg 2,950.0

Production-related deviation of +/- 5 % in kg 147.5

Legally permissible deviation in mass in running order in kg 2,802.5 - 3,097.5

Information on the legally permissible deviations in the mass in running order can also be found in the Technical Data.

## 3. Mass of passengers

The mass of the passengers is based on the number of belt seats specified by the manufacturer rated at 75 kg per belt seat regardless of the actual weight of the passengers. The driver is not included in the calculation. The mass of the driver is already included in the mass in running order at 75 kg. If the manufacturer has provided four belt seats for your motorhome, the mass of the passengers is 225 kg ( $3 \times 75$  kg).

You can find information about the number of belt seats specified by the manufacturer in the technical data.

# 4. Actual mass | Packages and optional equipment

Actual mass of the vehicle means the mass in running order plus the mass of the optional equipment fitted to an individual vehicle by the manufacturer and is entered in section 13.2 of the Certificate of Conformity (CoC). This specification does not include optional equipment or other accessories that are fitted to the vehicle by a dealer, other third party or you personally after the vehicle has left the factory.

Please note that the actual mass of the vehicle is also a calculated value. Therefore, this value may also deviate from the actual value determined for your individual motorhome due to legally permissible production-related deviations in the mass in running order as part of the actual mass.

Please also refer to the technical data for weight information on the optional equipment offered by the manufacturer.

# 5. Pay-mass and minimum pay-mass

The pay-mass is the free mass of luggage and other accessories that your vehicle can transport without exceeding the technically permissible maximum laden mass. It is calculated by subtracting the mass in running order, the mass of the passengers and the mass of the optional equipment fitted by the manufacturer from the technically permissible maximum laden mass.

## Example:

Technically permissible maximum laden mass	3,500 kg
Mass in running order	- 2,950 kg
Mass of passengers	<b>- 225 kg</b> (3*75 kg)
Mass of optional equipment	- 65 kg
Pay-mass	= 260 kg

As you can see from the example, the fitting of optional equipment leads to a reduction in the pay-mass. The maximum mass available for optional equipment can be found in the Technical Data.

The law stipulates a minimum pay-mass for motorhomes, which the vehicle must comply with. This minimum pay-mass may not be undercut during either configuration or production. According to the law, the minimum pay-mass is calculated as follows:

### Minimum pay-mass in kg $\geq$ 10×(n + L)

Where 'n' is the maximum number of passengers plus the driver and 'L' is the overall length of the vehicle in metres.

# Example:

For a motorhome with four belt seats (including driver) and a length of seven metres, this results in a minimum pay-mass of 110 kg ( $10\times[4+7]$ ). Please keep in mind that legally permissible production-related deviations in the mass in running order could increase or reduce the pay-mass of your motorhome.

# Example (as above):

Technically permissible maximum laden mass	3,500 kg
Mass in running order (+ 3 %)	- 3,038.5 kg
Mass of passengers	<b>- 225 kg</b> (3*75 kg)
Mass of optional packages/equipment	- 65 kg
Pay-mass	= 171.5 kg

To ensure that the occurrence of legally permissible production-related deviations in the mass in running order does not result in the configuration falling below the legally prescribed minimum pay-mass, we as the manufacturer have defined a maximum mass of optional equipment. In the calculation of this maximum mass of optional equipment, we have already taken into account empirical values for the production-related deviations in the mass in running order. The maximum mass of optional equipment can be found in the Technical Data. Also included in this value are the optional equipment features of country versions and special models that are not part of the standard equipment.

For the configuration of your motorhome, this means that you cannot continue or finalise the configuration if the maximum mass of optional equipment is exceeded. In this case, you have the option of deselecting optional equipment or belt seats or ordering the vehicle with an increase in the technically permissible maximum laden mass.

Although we as the manufacturer endeavour to minimise the occurrence of production-related deviations through the (technical) optimisation of our production, the weighing of your motorhome at the end of the line may exceptionally show that the vehicle does not comply with the minimum pay-mass, despite the limitation of the maximum mass of optional equipment. In such a case, we may not deliver your motorhome unless compliance with the minimum pay-mass is guaranteed by removing optional equipment or belt seats or by increasing the technically permissible maximum laden mass of the vehicle.



The **total vehicle length** corresponds to the measurement between the outermost point of the front spoiler and the outermost point of the rear panel (without trailer coupling).

The **total vehicle width** corresponds to the measurement between the outer sides of the exterior walls on both the driver and passenger side without outer mirrors and without an awning.

The **total vehicle height** is the measurement between the roadway and the highest point of the unladen vehicle (without antenna) and may vary with installations and superstructures (e.g. skylights, SAT or air conditioning systems).

The **bed measurements** specified are external measurements. The measurements of the mattresses supplied may differ.





























# IMPRESSIVE PERFORMANCE

# Highlights of the FRANKIA TITAN

The FRANKIA TITAN is the all-rounder among the luxury liners on a Fiat Ducato platform. Choose from five integrated floor plans with a length of 8 to 8.5 metres. Whether power drop-down bed, separate beds or extra-wide queen-size bed — it's up to you how you want to live and sleep.



# More ground-breaking ideas – thanks to strong partners

Never rest, continue to improve, create something special – this has always been our aim with FRANKIA models on a Fiat Ducato platform with an AL-KO low frame. 39 years ago, today and tomorrow.



# Way more storage space

Extra-large rear storage compartment with a height of 1.24 m, FRANKIA double floor (stepless and heated) with a continuous height of 35 cm and many clever storage solutions in the interior



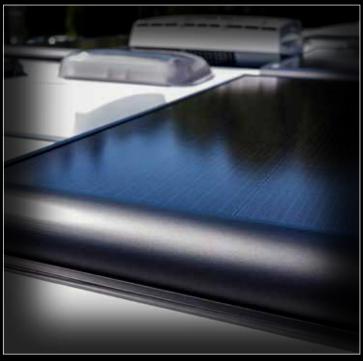
# More standard features for maximum comfort

Fully insulated Thermo Guard Plus wall structure with 11-year warranty, Alde Compact hot water heating system, up to 250 l XL fresh water tank



More driving pleasure with Fiat Ducato

All inclusive: new cockpit, up to 90 l diesel tank, automatic gearbox, eco-friendly AdBlue Technology and much more



# More independence with the self-sufficiency package

Optional in the FRANKIA TITAN: self-sufficiency package with 320 Ah battery, 3x 110 W solar panels, battery booster, etc.



# True greatness: FRANKIA TITAN I 790 GDW

Luxury liner with a length of nearly 8 m, 5.5 t total weight standard. Extra-large washroom, face-to-face seating, large MaxiFlex galley kitchen and much more.



# **Show character** with unique style

The FRANKIA TITAN has personality – and it shows it, too: with its bold and dynamic exterior design and elegant interior with exclusive leather upholstery (optional).

<sup>\*</sup> Please refer to page 30 for important information regarding the Technical Data.



# 180 hp engine, automatic gearbox, cruise control

Fiat Ducato 180 Multijet power: automatic gearbox – maximum driving comfort and maximum utilisation of torque (+5%); also eco-friendlier thanks to standard AdBlue engine (greater efficiency and lower emissions)

# 3x 110 W high-performance solar power system (option)

Now with even more power optional even with little sunshine

# 1,700 W sine wave inverter (option)

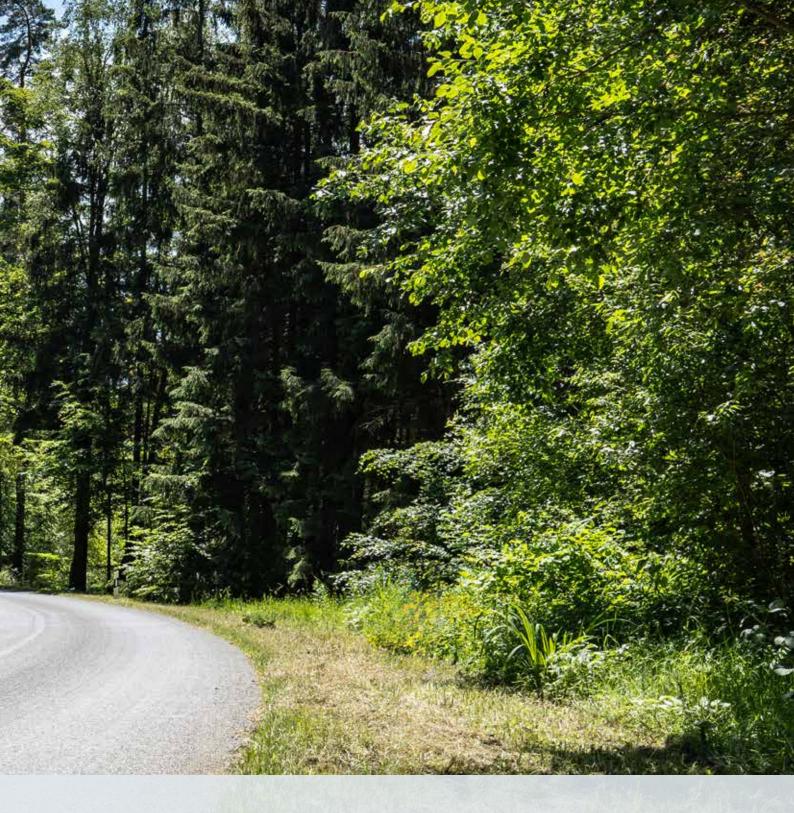
Use 230 V consumers without restrictions; integrated mains priority circuit

# CAC smart converter charger

Ensures that your LiFePO4 battery is always charged quickly and safely

# 320 Ah lithium battery

Independence, maximum-capacity LiFePO4 technology (optional)



# **Battery booster**

Quick charging of the on-board batteries – even on short trips

# Battery computer/ solar remote display

Always in view: current power consumption and battery charge (optional)

### Aluminium rims

Stylish rims for an even bolder appearance (optional)

# Satellite system

Optional with the FRANKIA TITAN: automatic HD satellite antenna

# 5.5 metre awning by THULE

Shade on sunny days and protection on rainy days – optional with the FRANKIA TITAN

# FRANKIA Thermo Guard Plus

Innovative wall and floor structure with a wall thickness of 34 mm and 11-year water ingress warranty (optional)

<sup>\*</sup> Please refer to page 30 for important information regarding the Technical Data.







# **CONVINCING PERFORMANCE**

# FRANKIA TITAN standard equipment

# 790 | 840

# Fiat Ducato chassis

40 Heavy chassis

Driver and passenger airbag

180 hp

2.2 l Euro VI engine

Traction+ incl. electronic stability control (ESC) and Hill Holder

Hill Descent Control

90 l diesel tank

Intelligent 220 A generator

Cruise control

Automatic gearbox

Manual climate control

Multifunction steering wheel

Steering wheel adjustable in height

5.5 t technically permissible gross weight

Electrical auxiliary chassis heater for faster heating of the interior

AL-KO low-frame chassis

Reinforced front springs

# Body

GFRP gelcoat white - hail resistant

Full-length, heated double floor with approx. 350 mm height

Central locking for body door and cab door via original vehicle key

Manual rear supports (n/a if optional air suspension ordered)

Power darkening blind

# Storage space | Windows | Doors

Storage spaces with LED lighting

LED storage space lighting underneath the seating area

Seitz S7 windows with tinted panes, fly screen and blind, installed flush with the wall

Central supply system with water drum and self-retracting cable reel with 15 m of cable

Fly screen integrated in the door frame and all roof hatches

### **Beds**

Drop-down bed with power adjustment

# **Electrical systems**

CBE BUS control panel with LCD screen

LED awning light with separate switchable motion sensor

Dimmable LED ambient lighting

Dimmable LED spot lights

LED reading lights

4x 230 V sockets

3x USB sockets (4x in A-Class with drop-down bed)



Central control - easy to see and operate



Power front darkening blind with privacy and sun visor function



<sup>\*</sup> Please refer to page 30 for important information regarding the Technical Data.

# **CONVINCING PERFORMANCE**

FRANKIA TITAN standard equipment



Dimmable LED lighting

# 790 | 840

230 V socket in passenger side rear storage compartment

12 V socket in passenger side rear storage compartment

# Multimedia | Radio | Satellite system

32-inch flat screen (NEW: in all TITAN models)

# Upholstery | Cushions

Selection of wood/fabric combinations from six different design options

# Rear storage compartments | Bike mounts

Rail system for securing cargo (for high rear storage compartments)

### Washroom | Water supply

Approx. 150 l fresh water tank including adjustable 50 l drive load

Approx. 130 l waste water tank

Ceramic toilet

Second Thetford Cassette

### Air conditioning | Heating

Alde Compact hot water heating system

### Kitchen | Refrigerator | Hob

FRANKIA MaxiFlex kitchen: uniquely functional modular kitchen featuring a high-end HPL worktop with expandable surface

TecTower 10, opens on both sides



32-inch flat screen

FRANKIA TITAN: additional options

# MORE INDIVIDUALITY

# Lounge package with radio

Automatic climate control

Wireless smartphone charging feature

10-inch DAB radio with navigation system including steering wheel controls

Fully digital instrument cluster



Optional: Awning with integrated LED lighting profile



Self-retracting cable reel with 15 m of cable and central supply system



A number of practical USB sockets



FRANKIA TITAN: additional options

# BOLDER LOKK

# Style package for Fiat

Bicolour package with 16-inch alloy wheels

Leather steering wheel and gear shift knob

Techno Trim instrument panel

# MORE COMFORT

# TITAN body package

Manual 5.5 m awning

Thermo Guard Plus 11-year water ingress warranty included

Duo-Control

Hookup for second TV in sleeping area

Rear-view camera with separate monitor

ALDE fan

ALDE heat exchanger

# MORE TECHNOLOGY

# **TITAN Autarkie-Paket**

LiFePO4 battery, 1x 320 Ah

3x 110 W solar modules

Inverter

40 A battery charging booster

Additional charger

Wi-Fi router

 $<sup>\</sup>ensuremath{^{\star}}$  Please refer to page 30 for important information regarding the Technical Data.

# **SO MUCH STYLE**

Six interior design options to choose from















# \* Important information regarding the Technical Data

# 1. Technically permissible maximum laden mass (kg)

The technically permissible maximum laden mass is the total mass specified by the manufacturer that the vehicle must not exceed when driving.

### 2. Mass in running order (kg)

The mass in running order indicates the unladen weight of the vehicle with standard equipment according to the manufacturer's specifications. It includes the mass of the body, the cab, the tyre repair kit and the tools, the fresh water tank filled to 100 % in driving mode (drive load according to the Technical Data), one aluminium gas cylinder filled to 100 % with a weight of 16 kg, the fuel tank filled to 90 % including fuel, the AdBlue-Tank filled to 100 % and the mass of the driver, which (regardless of the actual weight) is rated at 75 kg. This calculated value is subject to legally permissible production-related deviations of up to +/-5 % (see addition in brackets), which may affect the pay-mass of your motorhome and therefore also the mass of the optional equipment. Please note that the specified value is the mass in running order of the basic version of the vehicle shown. Information on the mass in running order for the vehicle version of your motorhome can be found after delivery of the vehicle in section 13 of the Certificate of Conformity (CoC).

## 3. Standard belt seats

The mass of the passengers is based on of the number of belt seats specified by the manufacturer rated at 75 kg per belt. The mass of the driver, which has already been included in the mass in running order, must be deducted. For a vehicle with four belt seats, the mass of the passengers is 225 kg (3\*75 kg).

### 4. Maximum mass of optional equipment

The maximum mass of optional equipment is a value calculated by the manufacturer to limit the mass for optional equipment that can be ordered ex works. This is to ensure that the vehicle complies with the legally prescribed minimum pay-mass. If you exceed the maximum mass of optional equipment during configuration, you can only continue or finalise the configuration if you deselect optional equipment or belt seats or order the vehicle with an increase in the technically permissible maximum laden mass. You can find detailed information on the weight specifications on page 2.

# 5. Fresh water tank in driving mode (drive load)

Please note that the filling of the fresh water tank is considerably reduced when driving. If the pay-mass of your motorhome is sufficient, the filling of fresh water tank can be increased.

# 1790

# **I 790** GD TITAN

**─** 7.9 m



5.5 t\*





# 1840



# I 840 GD TITAN

**→** 8.4 m











# I 790 QD TITAN

**─** 7.9 m











# I 840 QD TITAN

**→** 8.5 m



5.5 t\*



**4**/5\*



# I **790** GDW TITAN

**→** 7.9 m



5.5 t\*





# **FREE CHOICE**

The FRANKIA TITAN has the right floor plan for you. It's up to you how you want to live and travel.

■ Approx. length of motorhome



Maximum permissible laden weight



Sleeping berths



Seats with seatbelts

Standard/optional

<sup>\*</sup> Please refer to page 30 for important information regarding the Technical Data.

