

MANUFACTURER FOR INTELLIGENT ELECTRIC
DRIVING AND WORKING



LEFFERT FM-90 4x4

Do you often drive in extreme conditions such as the beach or on mountainous terrain, or do you intend to tow trailers up to 1000 kg? In that case the Leffert FM-90 4WD is the ideal vehicle for you! This vehicle is equipped with creep speed drive to provide extremely strong traction and offers a range of extra features as standard, including power steering, independent suspension, brake discs and a load capacity of 500 kg.

The FM-90 has a reinforced chassis so additional implements can be connected at the front and rear. If a three-point hitch is added you can attach pushers, sweepers, arena levellers, field sprayers or cutting decks. This perfectly aligns with Frisian Motors' vision of the future: a single, practical vehicle that combines driving and working for even better returns on your investment.

Depending on the wishes and requirements of the user, the technical specifications and exterior of the vehicle can be fully modified and customised. A variety of accessories can be selected for specific applications, such as an extended or fully enclosed cab. This creates a versatile and multifunctional vehicle.

Thanks to the new powerful lithium batteries, our Leffert Series vehicle is lighter (by up to 260 kg) and can carry a load of up to 500 kg. The range can be adjusted from 60 km to 100 km thanks to the modular lithium system. The lithium batteries last up to four times longer than AGM batteries and are covered by a standard two-year warranty. They can be recharged quickly. The charging time can be reduced from six hours to two hours. Businesses can be eligible for government subsidies, so investing in our Leffert vehicles with lithium batteries can bring benefits under the environmental investment allowance (MIA) and the small projects investment benefit (KIA).



TECHNICAL SPECIFICATIONS:

- Power: 10/ 20 kW at 72 V
- Total load capacity: 500 kg
- Battery weight: ± 100 kg
- Total vehicle weight: 601 kg (including batteries)
- Vehicle dimensions (L x W x H): 2950 x 1440 x 1854 mm
- Wheelbase dimensions: 1910 mm
- Turning circle: 3.8 m
- Range: approx. 50-70 km, tested range in the Netherlands 67 km, (depending on driving conditions)
- Speed: 45 km/h
- Charging time from 0-100%: 6 hours (230v/16A)
- Maximum gradient: 25% from standstill
- No motor vehicle tax, road tax and private use addition
- Can be driven with driving licence category B

STANDARD SPECIFICATIONS:

- Low maintenance lithium batteries
- Number of seats: 2
- Open cab
- Standard daytime running lights
- Polycarbonate plastic windscreen
- Seat belts
- Inside and outside mirrors
- Bucket seats
- 4 disc brakes
- 12 volt socket for accessories

OPTIONAL ACCESSORIES:

- Heavier lithium batteries
- Glass windscreen with wipers
- Polycarbonate plastic rear windscreen
- Closed cab with heater
- Tow hitch
- Extended cargo box, rear bench or closed cargo box
- Large mirrors
- Converter 72v/220v
- LED work light(s)
- and many more...

POSSIBLE ACCESSORIES:



Leffert glass front windshield with wiper



Leffert rear window



Leffert cabin with heating

OUR OTHER PRODUCTS:



Leffert FM-40



Leffert FM-50



Leffert FM-80

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