

THE NEW FL RANGE

FLS 25
SHIFT YOUR
PERSPECTIVE

LIFETIME EXCELLENCE



TRUCK-MOUNTED FORKLIFT THE NEW FL RANGE

SHIFT YOUR PERSPECTIVE DISCOVER NEW PERSPECTIVES WITH PALFINGER

For the first time, PALFINGER is treading a completely new path in the field of truck-mounted forklifts. Why? Because we listened to our customers. To their needs and their challenges.

We analysed the tasks at hand and developed the new FL range from the ground up for our customers and, above all, with them.



PALFINGER TRUCK-MOUNTED FORKLIFTS

Get an overview of all available model series and the different versions.

Simply scan the **QR code** or visit our website www.palfinger.com



CHANGE IN PERSPECTIVE

With the introduction of the new PALFINGER FL range, we are taking safety, comfort and reliability to a new level for our customers so that they can master their daily challenges even better. These features, combined with a modern design, create confidence, making the PALFINGER FLS truck-mounted forklifts convincing across the board.

Depending on the customer's individual requirements profile, we offer the FLS as a conventionally powered version with a diesel engine or as a new fully electric version. This means that the new truck-mounted forklift series can be operated completely electrically, thus fulfilling customer requirements and meeting the demand for fully electrified solutions.



FL RANGE BENEFITS

We invite you to change your perspective and see PALFINGER with different eyes. The new FL range not only offers a larger selection, but also stands for the highest reliability and performance – safer and more flexible than ever before.

OPERATOR

With the new FL range, we offer you a reliable, powerful tool with plenty of space and convenience for all your applications. Even safer and more efficient, so that you can master your tasks with ease and pleasure.

FLEET MANAGER

For fleet managers, the new FL range means a real change of perspective. PALFINGER is becoming an all-in-one provider with state-of-the-art technology and a strong, global service network. The new models are also impressive in terms of cost-effectiveness: thanks to their high reliability and energy-efficient design, they reduce operating costs in the long term. Maintenance is optimised thanks to the easy accessibility of all relevant maintenance points and the prompt availability of original spare parts and accessories. This minimises downtimes and extends the service life of your appliances.

BUSINESS OWNER

Discover the new standard in PALFINGER's side-seat truck-mounted forklifts. Our FLS models set new standards in terms of safety and comfort. Experience innovations such as the patented swivel seat and advanced safety improvements that take operational safety and therefore operating time to a new level. The bottom line for you: more yield and economic success at the end of the day.

In addition to our tried-and-tested centre-seat models or box-mounted truck-mounted forklifts, the FLS side-seat range now gives you the opportunity to expand your fleet with the versatility you need and know from a brand you know.

AREAS OF APPLICATION OVERVIEW



The new PALFINGER FL range is the result of decades of experience and has been specially tailored to the needs of our customers and their diverse areas of application. Thanks to its outstanding features in the areas of comfort, safety, performance and economy, it offers an ideal solution for a wide range of applications and industries.

- **CONSTRUCTION – GENERAL**
In the construction industry, the models score highly thanks to their robust performance, high level of safety and efficiency, making them the ideal choice for demanding construction site applications.
- **CONSTRUCTION – HEAVY BUILDING MATERIALS & LONG GOODS**
For transporting heavy building materials and long goods, the FL truck-mounted forklifts offer maximum efficiency and safety on the construction site thanks to their high lifting capacity, 4-way function and precise control options, maximum efficiency and safety on the construction site.
- **AGRICULTURE AND FORESTRY**
In agriculture and forestry, the implements impress with their robust design and excellent off-road mobility.
- **AND MUCH MORE ...**
- **MOTORBIKE LOGISTICS**
In motorbike logistics, the truck-mounted forklifts ensure the safe and gentle transport of valuable goods thanks to their smooth response behaviour.
- **GAS CYLINDER transport**
When transporting gas cylinders, the models ensure precise handling and maximum safety for the efficient transport and storage of sensitive goods.
- **TECHNICAL AUXILIARY FORCES & INFRASTRUCTURE**
For use by technical emergency services and infrastructure, the truck-mounted forklifts offer fast operational readiness, high flexibility and reliable performance in demanding environments.

HIGHLIGHTS COMFORT

SWIVEL SEAT



PATENTED SWIVEL SEAT FOR MORE COMFORT AND SAFETY

- **Comfortable and above all ergonomic entry and exit**
Can be swivelled 25° outwards
- **Automatically more safety without further operating steps**
Integrated safety guard
- **Ergonomic working and maximum comfort, even when reversing.**
In the working position, the seat is tilted inwards by 5°, which prevents severe twisting of the spine when reversing. In addition, the driver is turned more towards the controls.

CABIN



UNBEATABLE AMOUNT OF SPACE FOR THE OPERATOR

- **Unrivalled amount of space**
Enormous legroom, especially in the width
- **Large adjustment range for the seat**
Individually adjustable for the optimum position of each rider
- **Ergonomic arrangement of the instruments and controls**
High level of comfort for fatigue-free working

GROUND CONTROL



EVEN MORE CONVENIENT AND SAFE

- **Convenient and safe mounting and dismounting of the truck-mounted forklift**
The operator stands next to the appliance and can bring it precisely into the desired position.
- **Efficient control thanks to user-friendly control panel**
Quick and easy control of the work functions via the side-mounted control panel.

HIGHLIGHTS

SAFETY

ILLUMINATION



SEEING AND BEING SEEN BETTER

- **Optimally illuminated work area**
360° all-round lighting, especially with the 4-way model
- **Improved visibility and illumination to the front**
Powerful LED headlights with indicator function.
- **Be seen better by other road users thanks to warning flashers.**
Integrated warning signals at the rear corners
- **Visual warning for other road users, especially at dusk or in the dark.**
Visual warning device 'Blue Spot' if acoustic reversing beepers are not desired or permitted.

POSITION AND DESIGN OF THE MAST



OPTIMISED VISIBILITY THANKS TO NEW MAST DESIGN

- **Clear view to the front and maximum visibility**
Thanks to the redesigned lift mast and newly thought-out arrangement of the components.
- **Good view of the right-hand side of the vehicle**
Clear view of the fork tips and the right front wheel.

VEHICLE LIGHTING & REARVIEW CAMERA



PERFECT ILLUMINATION AT THE REAR OF THE CARRIER VEHICLE IN ROAD TRAFFIC

- **Safe manoeuvring at twilight and darkness**
This is ensured by the LED rear lights and the rear working light, which is also certified as a reversing light.
- **Everything in view while reversing**
The optional reversing camera is connected to the truck and offers unrestricted visibility.

HIGHLIGHTS

POWER PACKS & DRIVE CONCEPTS

DIESEL ENGINE OR ELECTRIC DRIVE



OPTIONALLY WITH DIESEL ENGINE OR AS FULLY ELECTRIC VERSION

- Powerful and economical diesel engine for economical operation**
 Newly developed and high-torque engine, in accordance with EU Stage V emissions standard. As no diesel particulate filter is required, this guarantees carefree operation, especially in partial-time and short-time operation typical of truck-mounted forklifts.
- Pioneering low dead weight for truck-mounted forklift with fully electric drive**
 FLS 25 electric: approx. 200 kg or 10 % lighter than comparable truck-mounted forklifts on the market. Reliable electric drive with high efficiency. High flexibility thanks to two battery versions and various charging options, such as via the power grid or via the carrier vehicle.

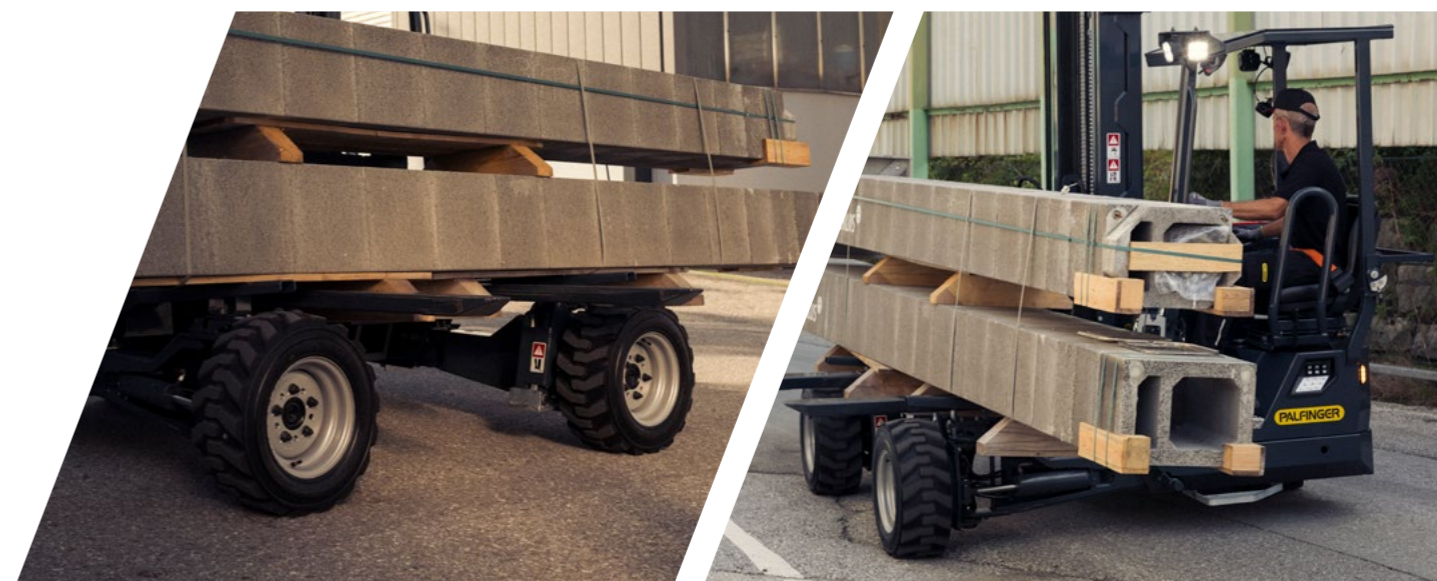
180° STEERING ANGLE



MAXIMUM MANOEUVRABILITY FOR PRECISE DELIVERY

- Unbeatable manoeuvrability**
 Thanks to the 180° steering angle at the rear wheel
- Guaranteed effective working**
 Even in extremely confined spaces

4-WAY FUNCTION



OPTIMUM MANOEUVRING OF LONG LOADS IN THE TIGHTEST OF SPACES

- Transport bulky loads and long goods perfectly through narrow access routes**
 Thanks to the optional 4-way function
- Easy loading and unloading**
 In almost any situation
- High level of comfort even when activating**
 The comfort control automatically turns the front wheels and the rear wheel to the 4-way position.

HIGHLIGHTS

VEHICLE CONCEPT

DESIGN



OPTIMALLY MATCHED COMPONENTS AND MATERIALS

- **Design and material mix combined with new mast and frame concept**
Lower dead weight combined with higher stability.
- **More economical and safer road transport**
Lower dead weight reduces tyre wear and fuel consumption while increasing the payload and daily yield.
- **More payload in relation to the dead weight**
2.5 t lifting capacity with a dead weight incl. forks from 2.0 t.
- **Increased stability due to integrated sideshift of the forks**
The design with fixed mast and movable fork carriage reduces the dynamics in the truck-mounted forklift and increases stability.

REACH SYSTEMS



CHOOSE THE SYSTEM THAT BEST SUITS YOUR REQUIREMENTS

- **When every kilogram counts**
Lower dead weight at full lifting capacity with telescopic forks design
- **For tough construction site use**
Increased robustness for demanding applications with scissor reach design (pantograph)

TELESCOPIC WHEEL ARMS



MORE FLEXIBILITY WHEN UNLOADING

- **Simplified unloading from the 2nd row**
Thanks to the telescopic wheel arms, the truck-mounted forklift can drive closer to the truck and pick up the load more easily from the second row.
- **Certified working with retracted wheel arms**
PALFINGER is the only manufacturer that allows loads to be picked up with retracted wheels.

HIGHLIGHTS MAINTENANCE

MAINTENANCE POINTS



EVERYTHING AT A GLANCE

- **Easy to find and freely accessible at a glance**
All maintenance points including the electrical components and fuses are clearly arranged under a cover.
- **Time-saving and easy maintenance**
Lower costs for daily checks and recurring maintenance.

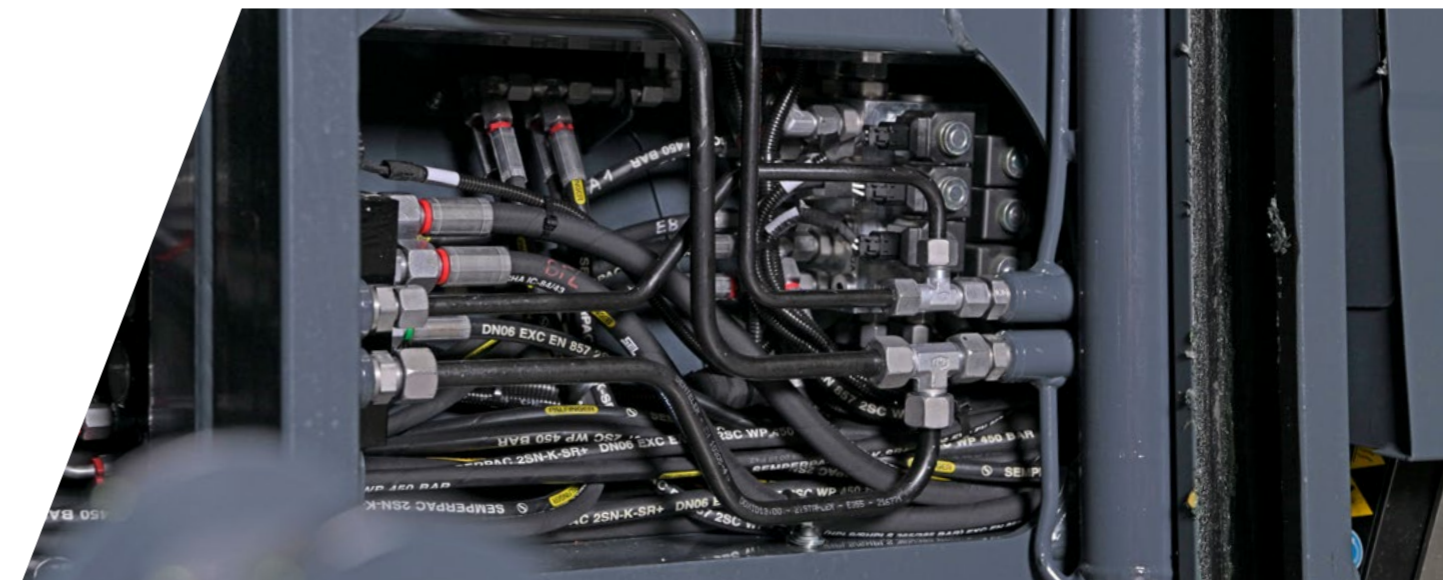
STEERING SYSTEM



CENTRAL LUBRICATION POINT OF THE STEERING SYSTEM

- **Simplified lubrication processes ensure time savings and operational safety**
All steering lubrication points are grouped together in a lubrication strip and are easily accessible.

HYDRAULIC SYSTEM



STEEL HYDRAULIC PIPELINES – FOR ONE FORKLIFT LIFETIME

- **More wear-free and reliable hydraulic hydraulic system**
The high proportion of steel pipelines reduces the risk of hose damage.
- **Improved visibility in the lift mast area**
Due to the smaller diameter of the steel pipelines.

HIGHLIGHTS PERSONALISATION

TECHNICAL DATA FLS 25

MAXIMUM FLEXIBILITY – AS VERSATILE AS YOUR AREAS OF APPLICATION

The new FLS truck mounted forklifts adapt perfectly to your requirements. Choose the drive system and version that exactly matches your tasks. Thanks to reach systems and special drive concept, PALFINGER offers you the versatility that your applications require. Maximum flexibility for maximum performance.



DRIVE SYSTEM:

- Diesel engine
- Fully electric drive

REACH SYSTEM:

- Telescopic forks
- Scissor reach (Pantograph)
- Combination of scissor reach with telescopic forks

VERSION:

- Standard
- 4-Way

DRIVE CONCEPT:

- Primarily for road use with tyres (f&r) from 18' & 23' to 23' & 23'
- Primarily for off-road use with tyres (f&r) from 23' & 26' to 29' & 29'

FLS 25

Load capacity	up to 2,500 kg @ 1,550 mm
Lifting height	up to 4,080 mm
Engine	3-cylinder diesel engine, 18.4 kW, 90 Nm
Unladen Weight	from 1,800 kg (without forks)
Vehicle (h x w)	from 2,310 x 2,230 mm
Overhang	from 1,190 mm

- First side-seat model from PALFINGER
- 2.5 tonnes payload with an unladen weight from 1,800 kg
- Maximum manoeuvrability thanks to 180° steering angle

FLS 25 electric

Load capacity	up to 2,500 kg @ 1,550 mm
Lifting height	up to 4,080 mm
Drive system	up to 26.3 kW
Unladen Weight	from 1,790 kg (without forks)
Vehicle (h x w)	from 2,310 x 2,230 mm
Overhang	from 1,190 mm

- First fully electric truck-mounted forklift from PALFINGER
- High efficiency for reliable performance
- Available with 2 battery versions: Standard & Long Range

FLS 25 4-WAY

Load capacity	up to 2,500 kg @ 1,550 mm
Lifting height	up to 4,080 mm
Engine	3-cylinder diesel engine, 18.4 kW, 90 Nm
Unladen Weight	from 1,930 kg (without forks)
Vehicle (h x w)	from 2,310 x 2,380 mm
Overhang	from 1,190 mm

- 2.5 tonnes payload with an unladen weight from 1,930 kg
- Optimum manoeuvrability even with long goods, thanks to the 4-way system

FLS 25 4-WAY electric

Load capacity	up to 2,500 kg @ 1,550 mm
Lifting height	up to 4,080 mm
Drive system	up to 26.3 kW
Unladen Weight	from 1,920 kg (without forks)
Vehicle (h x w)	from 2,310 x 2,380 mm
Overhang	from 1,190 mm

- First fully electric truck-mounted forklift from PALFINGER
- Optimum manoeuvrability even with long goods, thanks to the 4-way system



SERVICE NETWORK & SPARE PARTS

TRUCK-MOUNTED FORKLIFT



SERVICE CENTRES EUROPE-WIDE

A GROWING NETWORK

The growing service network guarantees a seamless supply. Qualified service partners with well-equipped workshops are at your side with professional knowledge and competence. Scheduled or unplanned maintenance done quickly, reliably and cost-transparently.



SERVICE NETWORK


Scan the QR-code and see **ALL** locations and contact details of our Service Partner.



SERVICE CONTRACTS MAXIMIZE YOUR UPTIME

UNLIMITED CONTROL

To optimize your business performance, by reducing machine downtimes and repairs costs, we offer you the PALFINGER Service Contracts in 4 different packages, from 1 to 6 years.

- Available for : 
- For new products filled only with PALFINGER Lubricants
- Service possible at any authorized PALFINGER Service Partner

Our goal is to offer prevention and backup with complete cost transparency. You can plan your expenditure and do not have to worry about unforeseen workshop costs. We simplify your processes and allow you to focus on your core business.



YOUR BENEFITS AT A GLANCE

- Outsource service with an authorized and experienced PALFINGER workshop
- Boost product uptime with regular maintenance
- Full control and transparency of ongoing costs
- Increase resale value
- Maximize product turnover
- Reduce product's life costs up to 37 % when your product is protected with a PALFINGER Service Contract
- Extend product service life
- Improved offer compared to warranty extension

PACKAGES

	 PURE	 PERFORM	 PRO	 PRIME
Oil Maintenance	●	●	●	●
Regular Service	—	●	●	●
Legal Inspection *	—	●	●	●
Repair Service	—	—	●	●
Wear Parts Service	—	—	—	●
Monthly Maintenance	—	—	—	○

● Standard ○ Optional — Not available

*Legal inspection subject to country specific laws.

All the mentioned service includes labor work and material expenses. We only work with top-quality genuine PALFINGER products.

KP-FLSM1+EN
11/2024

The truck-mounted forklifts pictured are partly equipped with optional equipment or are prototypes being trialed. They do not always correspond to the standard version. When attaching implements, national regulations must be observed. Dimensions are not binding. Subject to technical amendments, errors and translation errors.