

TRUCK MOUNTED FORKLIFT FLC & F3 SERIES

LIFETIME EXCELLENCE



TRUCK MOUNTED FORKLIFT

POWERFUL, MANOEUVRABLE AND FAST TO THE FINISH

PALFINGER Truck Mounted Forklifts offer maximum reliability. High-quality products and excellent service – all taken care of by our highly motivated team. Competent solutions to meet your daily requirements – for the entire service life of your forklift.

Mounted on the rear of a truck or trailer, a truck-mounted forklift means complete independence when delivering goods. Additional unloading devices at the point of delivery are not required – and that's what really matters.

LIFETIME EXCELLENCE MORE THAN A PROMISE

With LIFETIME EXCELLENCE we guarantee top performances from the PALFINGER Truck Mounted Forklift – with no compromises. During the development stage it was important to combine the most cost-effective and reliable components to create an innovative product with the lowest cost of ownership.



GREATER COMFORT AND INCREASED PRODUCTIVITY WITH THE NEW LIFT MAST TECHNOLOGY

- **Improves visibility, especially to the fork tips**
Flow divider and sideshift cylinder positioned behind upper fork carriage
- **100 % increased visibility through mast & lower maintenance costs**
Profile-in-profile solution for the F3 151, as well as reduced Number of mast rollers due to the design as a sliding mast
- **Parts standardization saves costs**
Reduced number of parts through standardized glide packs
- **Quick and easy = cost-effective**
Easy to re-tension mast hoses - effortless and fast
- **Low wear = longer service life**
Due to use of a 30 % stronger mast chain



APPLICATION AREAS OVERVIEW



BEVERAGE LOGISTICS



- F3 151

GENERAL LOGISTICS



- F3 153
- F3 203 PX
- F3 253 PX
- FLC 203
- FLC 253

CONSTRUCTION – BUILDING MATERIALS



- F3 203 PX
- F3 253 PX
- F3 253 PX 4W
- FLC 203
- FLC 253
- FLC 253 4W

CONSTRUCTION – WINDOWS & GLASS



- F3 203 PX
- F3 253 PX
- FLC 203
- FLC 253

HEAVY LONG-LOADS & CONSTRUCTION TIMBER



- F3 203 PX 4W
- F3 253 PX 4W
- FLC 203 4W
- FLC 253 4W

AGRICULTURE LOGISTICS



- F3 201
- F3 203 PX
- F3 253 PX
- FLC 203
- FLC 253

WASTE MANAGEMENT & RECYCLING



- F3 203 PX
- F3 253 PX
- F3 253 PX 4W
- FLC 203
- FLC 253
- FLC 253 4W

GAS CYLINDER LOGISTICS



- F3 201
- F3 203 PX
- F3 253 PX
- FLC 203
- FLC 253

HIGHLIGHTS ALL SERIES



ERGONOMIC DESIGN COMBINED WITH INDUSTRY-LEADING COMPONENTS



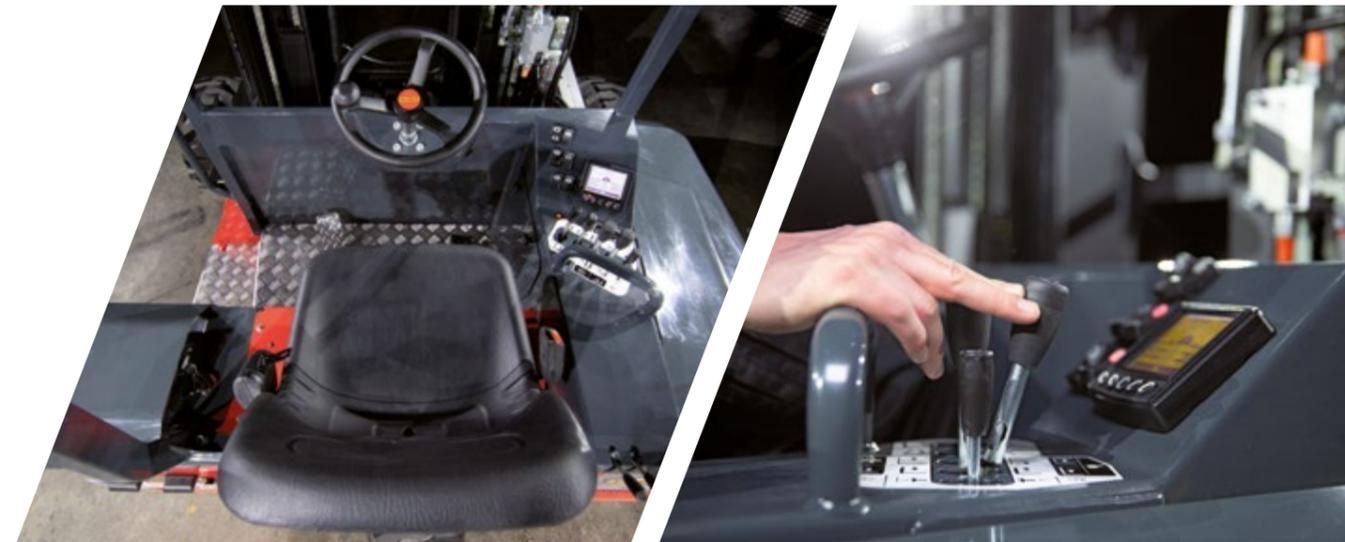
- Optimum use of the space in the driver station
- Adjustable and comfortable seat with optional fold-up feature
- Ergonomic, non-slip access steps and footwell
- Easy access to all controls

UNRESTRICTED 360° VISION



- Centrally positioned seat with clear-view mast system
- Streamlined frame design
- Protective roof; FLC model also with visibility window
- Panoramic mirror for a perfect view to the rear

COMFORTABLE OPERATOR STATION FOR FATIGUE-FREE CONTROL



- Centrally positioned seat with generous legroom
- Ergonomically arranged controls with hand rest for precise work
- Steering wheel with ergonomic spinner knob
- Effortless 180° steering angle

MODERN LIGHTING CONCEPT FOR GREATER SAFETY



- LED cab headlights for greater visibility especially during night-time deliveries
- Stylish LED rear lights
- Heavy-duty LED license plate illumination
- FLC model also with illuminated system display

HIGHLIGHTS ALL SERIES



MAXIMUM MANOEUVRABILITY AND MOBILITY



- 180° steering angle ensures swift and effective working, even in extremely confined spaces

OPERATING SAFETY



- Ideally placed ground controls at the rear for fast and safe mounting and dismounting at ground level.
- Safe entry thanks to ergonomically well-positioned grab handles and non-slip steps.

HIGH PAYLOAD CAPACITY AND STABILITY



- **Up to 2.5 t payload*** in front of front wheels
- Easy loading and unloading from one side – Promotes efficient work, saving time and money

*depending on the model

LONG-LASTING & EFFICIENT



- Hard-wearing components and engineering that is simple but reliable guarantee minimal downtime and maximum service life
- Low running and maintenance costs
- Clearly laid out and easily accessible inspection and maintenance points
- Growing service network and excellent spare parts provision
- Robust chassis with surface processing KTL and powder coating in a modern design

FLC SERIES HIGHLIGHTS



STRONG & VERSATILE
THE ALL-ROUNDER AMONG THE TRUCK-MOUNTED FORKLIFTS.

READ MORE!

For more information to this product, please scan the QR-code and visit the PALFINGER web-site.



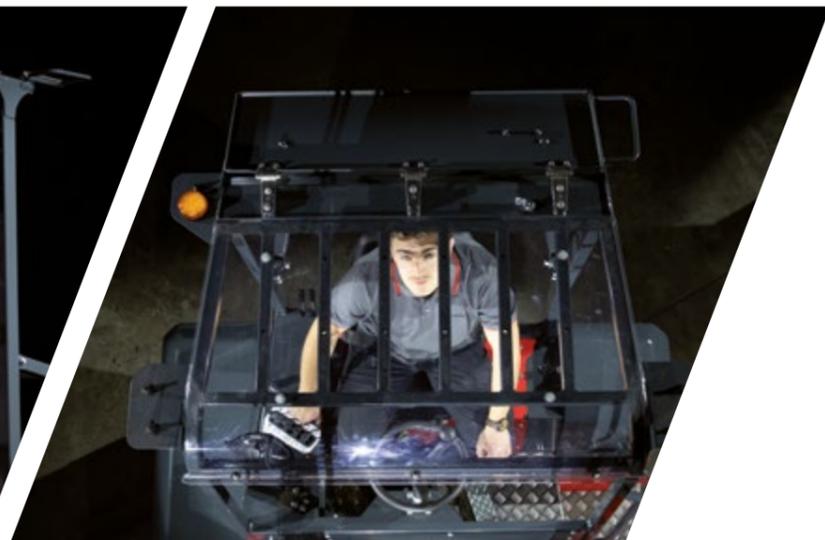
PERFECT COMBINATION OF FLEXIBILITY AND PERFORMANCE STRENGTH.

POWERFUL DIESEL ENGINES ACCORDING TO EU EMISSION STANDARD



- Most powerful drivetrain on the Truck Mounted Forklift market regarding to high-torque diesel engines that transfer the power directly to the wheels via a powerful hydrostatic drive system
- Lower noise emissions thanks to industry leading engines and perfectly insulated engine cover
- Accomplish EU emission standard stage V: Low-emission and more environmentally friendly

EXCELLENT PROTECTION FROM WEATHER AND FALLING OBJECTS



- Centrally positioned seat with large-scaled and visibility roof
- Driver protection frame fulfills ROPS/FOPS criteria

IDEAL HANDLING AND ENJOYABLE DRIVING EXPERIENCE



- Optimum maneuverability in confined spaces also with long loads thanks to the optional 4-way system
- Unbeatable maneuverability with 180° steering angle
- Unbeatable for off-road transportation



PERSONALIZED EFFICIENCY



- A wide range of options when configuring ensure a personal note and create the optimal FLC truck-mounted forklift for your individual requirements:

2 or 2.5 t models, mast systems, fork options, 4-way system, tires, color scheme, foldable front wheels, etc.

Huge range of tire options: Industrial, on-road, rough-terrain, agricultural



WATCH THE VIDEO!

Scan the QR-code and watch the video about the PALFINGER FLC 253.



FLC 203 / ... 4W



Load capacity	2,000 kg / 1,450 mm
Lifting height	3,100 – 3,700 mm
Engine	3-cylinder diesel, 68 Nm
(elective)	3-cylinder turbo-diesel, 88 Nm
Dead weight	from 1,846 kg (without forks)
4W version	from 2,056 kg (without forks)
Vehicle (h x w)	2,450 x 2,187 (- 2,468) mm
4W version	2,450 x 2,319 (- 2,449) mm

- Convincing performance for efficient logistics
- High operational flexibility

4W version:

- Safe handling of long and bulky goods
- Great cross-country mobility
- Optimized payload-to-dead-weight ratio

FLC 253 / ... 4W



Load capacity	2,500 kg / 1,400 mm
Lifting height	3,100 – 4,080 mm
Engine	3-cylinder diesel, 68 Nm
(elective)	3-cylinder turbo-diesel, 88 Nm
Dead weight	from 1,999 kg (without forks)
4W version	from 2,209 kg (without forks)
Vehicle (h x w)	2,450 x 2,187 (- 2,468) mm
4W version	2,450 x 2,319 (- 2,449) mm

- Powerful engine according to EU standard
- lifting capacity of 2.5 tons in front of the wheels - guaranteed!
- Advantage of one-side un-/loading of vehicles

4W version:

- Safe handling of long and bulky goods
- Great cross-country mobility

F3 SERIE HIGHLIGHTS



**COMPACT & MANOEUVRABLE
THE LIGHTWEIGHT AMONG
TRUCK-MOUNTED FORKLIFTS.**

READ MORE!

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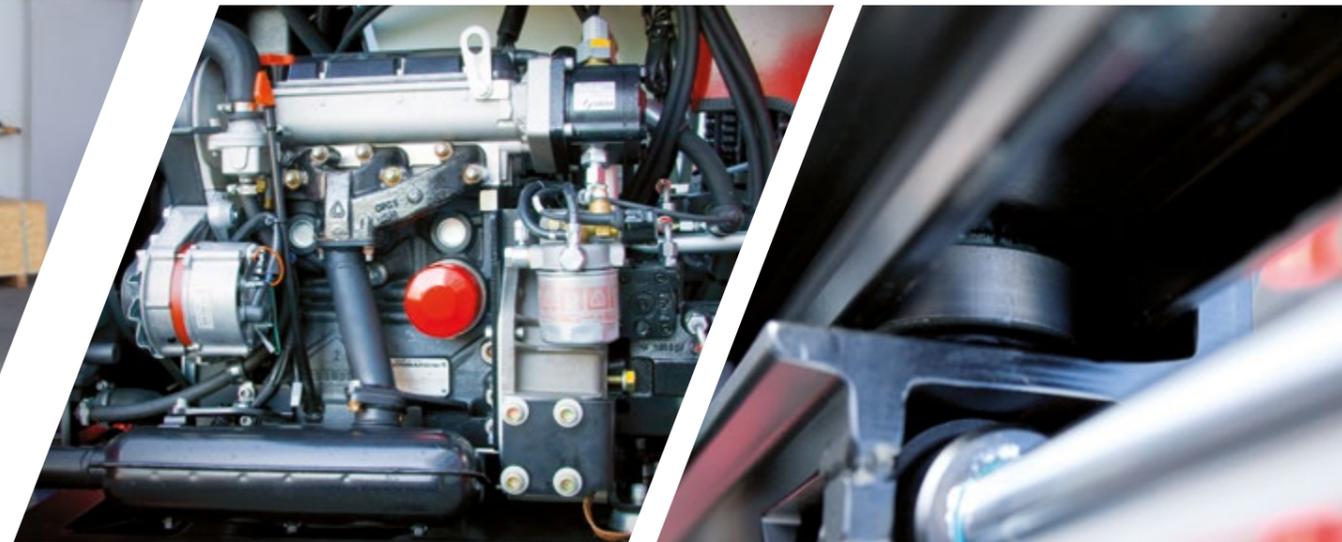
RELIABLE AND SOLID TECHNOLOGY WITH THE LOWEST DEADWEIGHT.

VERY LOW DEAD WEIGHT



- Perfect combination of performance and dead weight for increased productivity, enhanced safety and reduced costs
- The lightest truck-mounted forklift in its class
- Increased payload
- Fuel-saving

EASY SERVICING FOR F3 203 PX / 253 PX



- Easy and time-saving maintenance
- Clearly laid out and easily accessible inspection and maintenance points

SILENT PACK FOR F3 151 / 201 (OPTIONAL)



- With the PALFINGER silent pack you can transport your loads even more silently and exactly where required.
- Traceable noise reduction up to 8 dB
- Additional optimization of acoustic pressure and vibrations in the engine compartment
- **Optional:** for models F3 151 and F3 201

F3 SERIES TECHNICAL DATA



F3 151



Load capacity	1,500 kg / 600 mm
Lifting height	2,200 – 3,100 mm
Engine	3-cylinder diesel, 63 Nm
Dead weight	from 1,340 kg (without forks)
Vehicle (h x w)	2,240 x 1,735 mm

- Sensitive traction drive for fragile loads
- Very low dead weight

F3 153



Load capacity	1,500 kg / 600 mm
Lifting height	3,100 mm
Engine	3-cylinder diesel, 63 Nm
Dead weight	from 1,570 kg (without forks)
Vehicle (h x w)	2,350 x 2,160 mm

- The lightest rear-mounted all-wheel forklift on the market
- Best ratio for truck-mounted forklifts - dead weight to payload

F3 201



Load capacity	2,000 kg / 1,300 mm
Lifting height	3,300 – 3,600 mm
Engine	3-cylinder diesel, 63 Nm
Dead weight	from 1,690 kg (without forks)
Vehicle (h x w)	2,240 x 1,920 mm

- Powerful and manoeuvrable

F3 203 PX / ... 4W



Load capacity	2,000 kg / 1,370 mm
Lifting height	3,100 – 3,700 mm
Engine (elective)	3-cylinder diesel, 63 Nm
4W Version	4-cylinder diesel, 78 Nm
Dead weight	from 1,820 kg (without forks)
4W Version	from 2,018 kg (without forks)
Vehicle (h x w)	2,350 x 2,160 mm
4W Version	2,350 x 2,405 mm

- Excellent all-around visibility
 - Flexible and versatile
 - Unloading from one side
- 4W version:**
- Safe handling of long and bulky goods
 - Great cross-country mobility

F3 253 PX / ... 4W



Load capacity	2,500 kg / 1,450 mm
Lifting height	3,100 – 3,700 mm
Engine (elective)	3-cylinder diesel, 63 Nm
4W version	4-cylinder diesel, 78 Nm
Dead weight	from 1,865 kg (without forks)
4W version	from 2,018 kg (without forks)
Vehicle (h x w)	2,350 x 2,160 mm
4W version	2,350 x 2,405 mm

- Excellent all-around visibility
 - The best dead-weight-to-payload ratio
 - 2.5 t lifting power in front of the wheels - guaranteed!
- 4W version:**
- Safe handling of long and bulky goods
 - Great cross-country mobility

WATCH THE VIDEO!

Scan the QR-code and watch the video about the PALFINGER F3 253 PX.



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.

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08/2022

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.