

Made for people  
who want to  
move things.



PRIMO® driver seats for forklifts  
and small construction machinery.

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# PRIMO® provides noticeable relief in challenging daily work routines.

**A comfortable driver seat is not a superfluous luxury but a valuable investment in your employees' performance, safety and health. It is with this conviction and our awareness of what operators of forklifts and construction machinery must accomplish every day that we at GRAMMER always have their back when it comes to ergonomic driver seats.**

We have developed our PRIMO® driver seats especially for forklifts, reach trucks and compact to small construction machinery. People are at the core of everything we do: they should be supported perfectly while sitting and still have the necessary freedom of movement to perform their demanding tasks efficiently.

Our versatile and robust PRIMO® seats combine first-class seating comfort with high functionality and safety. They are equipped with low-profile pneumatic or mechanical suspensions and, despite their compact design, offer favorable working ergonomics and top operating comfort. With its wider seat and backrest cushions, the new PRIMO® PLUS series offers significantly greater comfort in more spacious vehicles.

The wide range of PRIMO® seat models provides you with high-quality seating solutions for challenging daily routines in logistics and on construction sites – optimally engineered to meet the most diverse requirements, vehicle types and applications.

## SEATING COMFORT OPTIMIZES WORK PERFORMANCE.

**The PRIMO® highlights\* for maximum back support in day-to-day use**

- Pneumatic suspension for back-friendly sitting
- Low-frequency suspension for outstanding vibration comfort
- Fully automatic electronic weight adjustment
- Anatomically optimized seat design
- Active seat climate and heating system
- Individually adjustable lumbar support
- Duo-sensitive ELR-belt system
- Extra-wide cushions and seat tops (PRIMO® PLUS series)



*\*Features may vary according to model and version*







# As varied as your individual requirements.

The highlights of the PRIMO® driver seats.

PRIMO® driver seats are available in different models and equipment levels. Thanks to different suspension types and optional extras for greater comfort and workplace ergonomics, you can adapt the PRIMO® models to fit your forklifts and construction machinery to optimum effect and to meet your specific requirements.

## Customized seating comfort

Cushion widths from 450 to 550 mm and optional armrests ensure that the seat can be adapted perfectly to the cabin width.

## Perfect position with a single lever

NEW

The centrally positioned lever for combined seat cushion depth/tilt adjustment (EVOLUTION PLUS and EL PLUS) links simple operation with ergonomic seating comfort by enabling seat cushion depth and tilt to be adjusted simultaneously.



## Ease back pain effortlessly

The proven GRAMMER low-frequency suspension (PRIMO® models EVOLUTION PLUS, EL PLUS, XXL and XL) absorbs vertical vibrations and shocks, enhancing seating comfort and easing strain on the spine effectively.



## More air to cushion rough shocks

The comfortable air suspension (all models except XXM, XM, M) has a generous range of up to 110 mm despite its low-profile structure, consisting of suspension stroke and height adjustment.





NEW



### Dualmotion

Dualmotion adaptive back support (PRIMO® EVOLUTION PLUS) provides top visibility and support when the driver twists around to face backward.



### Perfect working atmosphere

The active climate system fitted to the PRIMO® EVOLUTION and the passive climate system of the EL PLUS prevent unpleasant moisture from collecting on the driver's back as well as on the seat surface, thus minimizing premature fatigue. Both models also feature seat heating as standard. All other PRIMO® versions are available with seat heating as optional extra.

### Optimum freedom of movement

Whether fitted with a long or short backrest, PRIMO® seats provide secure support – even when the driver is facing backward. The asymmetrical backrest in many PRIMO® models offers additional freedom of movement.



### Greater support

The pneumatic lumbar support of the PRIMO® EVOLUTION PLUS adjusts to the driver's back at the touch of a button, providing optimum support for the lower back. All other PRIMO® models are equipped with mechanical lumbar support.



### Always perfectly adjusted

Adjusting the suspension to the driver's weight ensures a relaxed and healthy seating posture. With the PRIMO® seats, adjustments are done fully automatic (EVOLUTION PLUS and EL PLUS), pneumatically or mechanically.

NEW

### Enhanced safety

The PRIMO® PLUS models are equipped as standard with seat and belt contact switches and duosensitive ELR-belt systems with orange belt.



# Premium-quality ergonomics and comfort.

The PRIMO® PLUS models with seat climate control.

## PRIMO® EVOLUTION PLUS

High-end seat for large forklifts and construction machinery

With its low-frequency suspension, the PRIMO® EVOLUTION PLUS combines outstanding seating and suspension comfort with a low-profile seat structure. Its extensive range of features includes active pneumatic weight adjustment – a major advantage when drivers change frequently. Dualmotion adaptive back support provides top visibility and support when the driver twists around to face backward.

Body moisture is transported away on hot days by the active seat climate control. On cold days, the seat heating system provides pleasant warmth. The seat meets the latest safety requirements and comes with seat and belt contact switches and a duo-sensitive ELR-belt system with orange belt as standard equipment.



## PRIMO® EL PLUS

Premium seat with active weight adjustment

With its low-frequency suspension, the PRIMO® EL PLUS combines outstanding suspension comfort with a low-profile seat structure. The extensive range of standard equipment includes passive seat climate control and active pneumatic weight adjustment, which is particularly advantageous when there are frequent driver changes as the seat adjusts automatically to the individual driver's weight. On top of this, the PRIMO® EL PLUS meets the latest safety requirements and comes with seat and belt contact switches as well as a duo-sensitive ELR-belt system with orange belt as standard equipment.



Pneumatic suspension



Low-frequency suspension



Dualmotion



Pneumatic lumbar support



Active climate system



Electronic weight adjustment



Pneumatic suspension



Low-frequency suspension



Mechanical lumbar support



Passive climate system



Electronic weight adjustment



# Added seating comfort.

The PRIMO® PLUS models with extra-wide cushions and seat tops.



**PRIMO® XL PLUS**  
**Comfort seat with**  
**pneumatic suspension**

The PRIMO® XL PLUS features low-profile pneumatic suspension offering very good damping. Its suspension stroke of 110 mm allows the seat to gently absorb even the heaviest vibrations and the roughest bumps. The suspension can be conveniently adjusted to match the driver's weight at the touch of a button. The narrow yet comfortable seat top facilitates fatigue-free work. The seat meets the latest safety requirements and comes with seat and belt contact switches and a duosensitive ELR-belt system with orange belt as standard equipment.



**PRIMO® L PLUS**  
**Standard seat with**  
**pneumatic suspension**

The PRIMO® L PLUS pampers the driver with a seat that is 50 mm wider (compared to the PRIMO® L). Running on 12 or 24 V, the pneumatic suspension with reduced suspension stroke minimizes vibrations effectively even in the smallest cabs. The driver's weight is adjusted by means of an ergonomically mounted push button. A visual indicator helps the driver to find the optimum setting. The seat meets the latest safety requirements and comes with seat and belt contact switches and a duosensitive ELR-belt system with orange belt as standard equipment.



**PRIMO® XM PLUS**  
**Standard seat with**  
**mechanical suspension**

The PRIMO® XM PLUS features a low-profile mechanical suspension with 80 mm suspension stroke. With its easily accessible ratchet function, the seat can be quickly and easily adjusted to match the driver's weight. The new, even more comfortable seat top with a seat cushion width of 520 mm facilitates safe and ergonomic sitting in any work situation. The PRIMO® XM PLUS meets the latest safety requirements and comes with seat and belt contact switches and a duosensitive ELR-belt system with orange belt as standard equipment.

Illustrations may not show standard equipment.



Pneumatic suspension



Low-frequency suspension



Mechanical lumbar support



Pneumatic weight adjustment



Pneumatic suspension



Mechanical lumbar support



Manual weight adjustment



Mechanical suspension



Mechanical lumbar support



Manual weight adjustment



# Set for maximum efficiency.

Our PRIMO® models with pneumatic suspension.



**PRIMO® XXL**  
Comfort seat for reach trucks and compact construction machines

Despite its low-profile structure, the PRIMO® XXL offers maximum suspension stroke, which, in conjunction with low-frequency technology, ensures very good damping properties. The pneumatic weight adjustment, which can be operated at the push of a button, allows the correct driver weight to be set quickly and easily, an especially important factor with frequent driver changes. Additional driving comfort is assured with the ergonomic seat upholstery and an extra-long backrest fitted with mechanical lumbar support. The PRIMO® XXL is equipped with a duosensitive ELR-belt system and an operator presence switch as standard.



**PRIMO® XL**  
Comfort seat for forklifts and compact construction machines

The PRIMO® XL is equipped with low-profile, low-frequency suspension that runs on either 12 or 24 volts for excellent driving comfort. The driver's weight can be easily adjusted from 45 to 170 kg at the touch of a button using the pneumatic suspension. The comfortably shaped seat top and the lumbar support can be adjusted to match the driver's individual needs to optimum effect, ensuring top workplace ergonomics at all times. The PRIMO® XL is equipped with a duosensitive ELR-belt system and an operator presence switch as standard.



**PRIMO® L**  
Standard seat for forklifts and compact construction machinery

The PRIMO® L has pneumatic suspension that runs on either 12 or 24 volts. With its low-profile pneumatic suspension, the seat reduces vibration efficiently even in very compact cabs. The driver's weight is set using an easily accessible button. A visual indicator helps the driver to find the optimum setting. The Primo L comes equipped with a duosensitive ELR-belt system and an operator presence switch as standard.



Pneumatic suspension



Low-frequency suspension



Pneumatic suspension



Low-frequency suspension



Pneumatic suspension



Mechanical lumbar support



Pneumatic weight adjustment



Mechanical lumbar support



Pneumatic weight adjustment



Mechanical lumbar support



Pneumatic weight adjustment

# This is how compact ergonomics can be.

Our standard seats with mechanical suspension.



**PRIMO® XXM**  
For reach trucks and compact construction machinery

With an ergonomic seat cushion, an extended backrest, lumbar support and 80 mm suspension stroke, the PRIMO® XXM combines a compact design with plenty of comfort and good support for the spine. The seat features a smooth-running adjustment lever that allows drivers to easily set their weight within a range of 45 to 170 kg. This is a clear advantage with frequent driver changes, as it allows even inexperienced users to adjust the seat's suspension response quickly and intuitively. The PRIMO® XXM comes equipped with a duosensitive ELR-belt system and an operator presence switch as standard.



**PRIMO® XM**  
For small forklifts and compact construction machinery

The PRIMO® XM PLUS features low-profile mechanical suspension with 80 mm suspension stroke. The comfortable seat top with a seat cushion width of 470 mm and mechanical lumbar support facilitates safe and ergonomic sitting at all times. With this model, the driver's weight is adjusted quickly and simply via a readily accessible ratchet function. The PRIMO® XM comes equipped with a duosensitive ELR-belt system and an operator presence switch as standard.



**PRIMO® M**  
For small forklifts

The PRIMO® M features mechanical suspension with a reduced suspension stroke of 60 mm, thus reducing vibration efficiently even in the smallest cabs. The robust, ergonomically designed seat offers plenty of comfort while providing essential adjustment features such as mechanical lumbar support and mechanical weight adjustment. A duosensitive ELR-belt system and operator presence switch are also available as optional extras for the PRIMO® M.

Illustrations may not show standard equipment.



Mechanical suspension



Mechanical lumbar support



Mechanical weight adjustment



Mechanical suspension



Mechanical lumbar support



Mechanical weight adjustment



Mechanical suspension



Mechanical lumbar support



Mechanical weight adjustment



# With the PRIMO<sup>®</sup>, it's not just the inner values that count. But everything else as well.

Every PRIMO<sup>®</sup> driver's seat is packed full of unique features for perfect ergonomics, well thought-out details and robust technology. Added to this are our decades of experience in the development and assembly of driver seats for commercial vehicles combined with excellent OEM quality that have made us a market and innovation leader as well as a preferred original equipment supplier to the automotive industry. Yet, we are also uncompromising when it comes to service for your new GRAMMER seat. This makes up the high added value of GRAMMER solutions.

## THE GRAMMER ADDED VALUE ADVANTAGE



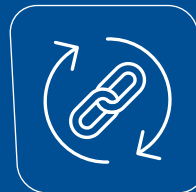
Via our authorized and qualified sales partners as well as specialized retail outlets, we ensure that your high demands with respect to service and advice are fulfilled.



GRAMMER seats can be retrofitted with little effort, allowing you to upgrade your vehicle quickly and simply with modern and functional seating comfort.



GRAMMER seats are designed for high durability. Likewise, you can count on lasting supplies of accessories and spare parts.



GRAMMER seats set standards in ergonomics and comfort. We invest heavily in research and development to maintain driver health and enable fatigue-free work.



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Our goal is to be the innovation leader in vehicle seats. Thus, we are constantly seeking new pioneering solutions to additionally improve the design, ergonomics, functionality and quality of our products.

# Comparison of all PRIMO® models.

PRIMO® series	EVOLUTION PLUS	EL PLUS	XXL	XL PLUS	XL	L PLUS	L	XXM	XM PLUS	XM	M
<b>Article no. with fabric</b>								1293475	1451073	1293487	1293486
12-volt compressor	1493183	1492114	1293476	1453490	1293489	1453487	1293488				
24-volt compressor				1453491	1293478	1453488	1293477				
<b>Article no. with imitation leather</b>								1106231	1451072	1091027	1091028
12-volt compressor						1453486	1104725				
24-volt compressor				1453489							
<b>Suspension</b>											
Low-frequency suspension	•	•	•	•	•						
Pneumatic suspension with 12-volt compressor	•	•	•	•	•	•	•				
Pneumatic suspension with 24-volt compressor				•	•	•	•				
Mechanical suspension								•	•	•	•
<b>Suspension stroke [mm]</b>	70	70	50	50	50	60	60	80	80	80	60
<b>Height adjustment</b>											
pneumatically assisted, infinitely adjustable [mm]	40	40	60	60	60	20	20				
<b>Weight adjustment</b>											
Mechanical, 45 - 170 kg								•	•	•	•
Electropneumatic, 45 - 170 kg			•	•	•	•	•				
Electronic with height adjustment, 45 - 170 kg	•	•									
<b>Climate system</b>											
Passive		•									
Active	•										
<b>Lumbar support</b>											
Mechanical		•	•	•	•	•	•	•	•	•	•
Pneumatic	•										
<b>Backrest extension</b>											
Integrated		○	○	○	•	○	○	○	○	○	○
Dualmotion	•										
<b>ELR-belt system, duosensitive</b>	•	•	•	•	•	•	•	•	•	•	○
<b>Seat width [mm]</b>	550	520	450	520	470	520	470	450	520	470	470
<b>Seat heating</b>	•	•	○	○	○	○	○	○	○	○	○
<b>Combined seat cushion depth/tilt adjustment</b>	•	•									
<b>Operator presence switch</b>	•	•	•	•	•	•	•	•	•	•	○

## OPTIONAL FEATURES

<b>Storage bag</b>	○	○	○	○	○	○	○	○	○	○	○
<b>Armrests, tilt-adjustable</b>	○	○	○	○	○	○	○	○	○	○	○
<b>Fore/aft isolator*</b>	○	○	○	○	○	○	○	○	○	○	○

• = Standard equipment    ○ = Optional equipment

Subject to technical alterations.

\*Fore/aft isolator not available for construction machinery





## MAXIMIZE YOUR SEATING COMFORT WITH GRAMMER.

PRIMO® driver seats from GRAMMER are available for forklifts and small construction machinery of a wide range of different types and OEMs. Your GRAMMER sales partner will be happy to show you the retrofit seats suitable for your vehicle.

Learn more about  
PRIMO® retrofit seats  
from GRAMMER:  
[grammer.com](https://www.grammer.com)