



GREATER SITTING COMFORT FOR HARD WORKERS.

ACTIMO® Driver Seats for Large and
Midsized Construction Machines.



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GRAMMER

Tight deadlines, heavy demands on workers and machinery, long hours, and enormous expectations regarding the quality of work done are challenges that construction companies face day after day. GRAMMER seats strengthen the backs of construction machine, excavator, and heavy equipment operators to prevent the grueling work from grinding them down. With extensive R&D and a steady stream of new innovations, we ensure sitting comfort that noticeably helps – the ideal basis for doing a good job.





THE ACTIMO® MODELS. THE BEST ANSWERS TO EXTREME CHALLENGES.



All of the seats of the Actimo family share deliver outstanding sitting comfort and effectively attenuate vibrations and jolts. High backrests with sculpted lateral contours, combined with height- and angle-adjustable headrests, provide the required support and are the ideal basis for coping with the hard work involved in operating construction machines.

The Actimo Evolution models and the Actimo XXL are equipped with GRAMMER's proprietary low-frequency pneumatic suspension, which is specially designed for the vibrations typical of large construction machines. Boasting a low resonant frequency, it largely absorbs vertical vibrations and jolts while preventing the seat from bouncing as a result of resonant buildup. This not only results in greater comfort, but also noticeably alleviates stresses on the back for considerable long-term health benefits.

A specially designed mechanism in the Actimo models lets you incline the backrest toward the back by up to 50° in small steps – a comfort-enhancing feature that, when there is enough space in the vehicle to fully take advantage of it, helps the user stay fit and full of energy all day long. The backrest can also be folded forward right down onto the seat cushion.

Actimo seats are also very user-friendly; the GRAMMER Design for Use concept makes sure they are easy to adjust. The controls are designed so the user intuitively grasps how they work, and they are spaced far enough apart and shaped differently to prevent confusion.



ACTIMO® EVOLUTION

High-End Premium Seat with Electronic Weight Adjustment

The Actimo Evolution construction machine seat boasts a deluxe package of comfort-enhancing features. Thanks to electronic weight adjustment, the seat fully automatically sets itself to the operator's weight so the seat can unfold its full potential by optimally utilizing the available suspension travel – thus delivering even greater ergonomics and safety. Active seat climate control removes body moisture so the user will never again have to sit at the wheel in a pool of sweat. On cold days, the integrated seat heating ensures a pleasant temperature.



Lateral controls:

- Actimo Evolution 1294584
Suitable for wheel loaders, 12 V
- Actimo Evolution 1294588
Suitable for wheel loaders, 24 V

Front controls:

- Actimo Evolution 1294599
Suitable for excavators, 12 V
- Actimo Evolution 1294602
Suitable for excavators, 24 V

Key Features

(For details, consult the foldout)



Pneumatic
Suspension



Low-
Frequency
Suspension



Electronic
Weight
Adjustment



Pneumatic
Lumbar
Support



Adjustable
Shock
Absorber



Automatic
Positioning
System



Fore/Aft
Isolator



Active Climate
System

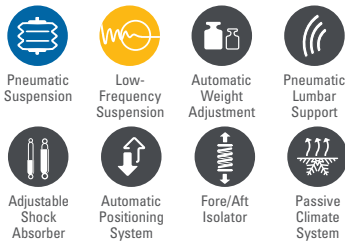


ACTIMO® XXL

High-Comfort Seat with Extra-Wide Pneumatic Suspension

Thanks to its extra-wide pneumatic suspension, the Actimo XXL is ideal for installing large, heavy multifunction armrests. The low-frequency suspension delivers outstanding comfort, being designed to attenuate the vibrations that typically occur in large construction machines. An automatic positioning system and adjustable shock absorber additionally enhance the experience.

Suitable for midsized and large construction machines, 24 V

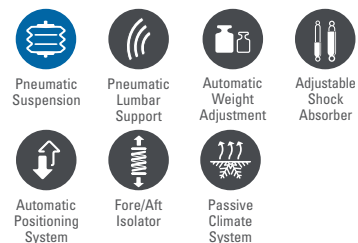


ACTIMO® XL

Standard Seat with Automatic Positioning System

Equipped with an automatic positioning system and an adjustable shock absorber, the Actimo XL with pneumatic suspension delivers excellent comfort. Automatic weight adjustment eliminates the time-consuming business of setting the seat to the driver's weight – an important benefit when machines are used by multiple operators.

- Actimo XL 1294557, **suitable for midsized and large construction machines, 12 V**
- Actimo XL 1294562, **suitable for midsized and large construction machines, 24 V**





ACTIMO® XXM

High-Comfort Seat with Extra-Wide Mechanical Suspension

Thanks to its extra-wide suspension, the Actimo XXM is predestined for use in large, heavy machines. In conjunction with the upper seat section, the mechanically adjustable suspension can reliably support large multifunction armrests and heavy attachments while continuing to deliver good comfort under even the roughest work conditions. A combined weight and height adjustment mechanism makes it easy to optimally set the seat to the operator's weight using a ratcheting handle.



Mechanical Suspension



Mechanical Lumbar Support



Mechanical Weight Adjustment



Fore/Aft Isolator

Suitable for large construction machines

ACTIMO® M

Standard Seat with Mechanical Suspension

The seat is easy to set to the user's weight using a crank at the front. This is essential for optimizing the mechanical suspension's response to vibrations. The seat's height can also be set to any of three positions over 60 mm depending on the operator's size and the kind of work being done.

Suitable for mid-sized and large construction machines



Mechanical Suspension



Mechanical Lumbar Support



Mechanical Weight Adjustment



THE ACTIMO® FAMILY WITH CONTROL CARRIERS

For use in excavators, GRAMMER also offers the Actimo seats with control carriers. These seat models permit comfortable operation of the machine. The controls for the seat itself are at the front. The Actimo seats with control carriers do not include vehicle controls.



ACTIMO® EVOLUTION with Control Carriers



Pneumatic Suspension



Low-Frequency Suspension



Electronic Weight Adjustment



Pneumatic Lumbar Support



Adjustable Shock Absorber



Automatic Positioning System



Fore/Aft Isolator



Active Climate System



ACTIMO® XL with Control Carriers



Pneumatic Suspension



Pneumatic Lumbar Support



Automatic Weight Adjustment



Automatic Positioning System



Fore/Aft Isolator

ACTIMO® M with Control Carriers



Mechanical Suspension



Mechanical Lumbar Support



Mechanical Weight Adjustment





PRODUCT OVERVIEW

All Features of ACTIMO® Driver Seats

Feature	ACTIMO® Evolution	ACTIMO® Evolution with control carriers	ACTIMO® XXL	ACTIMO® XL	ACTIMO® XL with control carriers	ACTIMO® XXM	ACTIMO® M	ACTIMO® M with control carriers
Article no. with fabric						1310555	1294547	1294548
Compressor 12 V	1294584	1294599		1294557				
Compressor 24 V	1294588	1294602	1294779	1294562	1294570			
Article no. for imitation leather							143734	1047730
Document box	●	●	○	○	○	○	○	○
APS (Automatic Positioning System)	●	●	●	●	●			
Armrest(s), height-adjustable and foldable								
65 x 270 mm			○	○		○	○	
80 x 320 mm, adjustable angle			○	○		○	○	●
80 x 380 mm, adjustable angle			○	○	●	○	○	
80 x 380 mm, adjustable angle, with fabric cover	●	●						
Shock absorber								
Adjustable	●	●	●	●				
Nonadjustable					●	●	●	●
Suspension								
Pneumatic with compressor	●	●	●	●	●			
Mechanical						●	●	●
Low-frequency	●	●	●					
Extra-wide, rugged suspension			●			●		
Suspension stroke 100 mm	●	●	●	●	●	●	●	●
Weight adjustment 50 – 130 kg								
Automatic			●	●	●			
Mechanical						●	●	●
Active (electronic)	●	●						
Height adjustment								
80 mm, infinite (air-assisted)	●	●	●	●	●			
80 mm, infinite (mechanical)						●		
60 mm, 3-step (mechanical)							●	●
Climate system								
Passive			●	●				
Active	●	●						
Fore/aft adjustment								
210 mm	●	●		●	●	●	●	●
170 mm			●					
Fore/aft isolator	●	●	●	●	●	●		
Lockable		●	●	●	●	●		
Lumbar support								
Pneumatic	●	●	●	●				
Mechanical					●	●	●	●
Adjustable backrest angle	●	●	●	●	●	●	●	●
Integrated backrest extension	●	●	○	○	●	○	○	○
Seat width	550 mm	490 mm	490 mm	490 mm	490 mm	550 mm	490 mm	490 mm
Adjustable seat cushion depth and angle	●	●	●	●	●	●	●	●
OPS (operator presence switch)	●	●	○	○	●	○	○	○
Optional Features								
Headrest	●	●	○	○	●	○	○	○
Lateral suspension			○	○		○	○	
Seat heating	●	●	●	○	●	○	○	○
Control carriers		○	○	○	●		○	●
Pre-installed console		●						

● Standard features

○ Optional features

Subject to technical changes

THE FEATURES IN DETAIL

Suspension Comfort



Low-Frequency Suspension

The low-frequency suspension dampens vertical vibrations and jolts, thus preventing the seat from bouncing in critical situations as a result of resonant buildup.



Pneumatic Suspension

In the models with pneumatic suspension, all you have to do is press a button to automatically set the seat to the correct height and your weight. It couldn't get more convenient than that!



Mechanical Suspension

The height of the seat can be securely set to any of three different positions, thanks to positive stops. It is precisely adjusted to the driver's weight using a lever.

Ease of Use and Driving Comfort



Automatic/Electronic/Mechanical Weight Adjustment

Adjusting the seat to the driver's weight ensures relaxed, healthy sitting while working. In the seats of the Actimo series, this is accomplished either mechanically using a hand-operated lever, electronically, or fully automatically in response to input from sensors.



Automatic Positioning System (APS)

The APS automatically optimizes the seat suspension to account for the driver's weight. Then the same lever can be used to raise or lower the seat.



Pneumatic/Mechanical Lumbar Support

For optimal results, the pneumatic lumbar support quickly and precisely adjusts to the user's back at the press of a button. The mechanical version can be set as needed using a lever.



Fore/Aft Isolator

The fore/aft isolator minimizes vibrations when driving fast, while using rear attachments, when pulling a trailer, or while traveling on difficult terrain.



Active/Passive Climate System

This system removes moisture when it's hot, thus keeping the driver pleasantly dry. In the active climate system, this effect is supported by ventilation. In cool or cold weather, the seat heating ensures a comfortable ride.



Adjustable Shock Absorber

The shock absorber can be adjusted as appropriate for different operating conditions.