



# SITTING COMFORT THAT NEVER QUILTS.

MAXIMO® Driver Seats for  
Midsized and Large Tractors.



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**GRAMMER**

Global competition, pressure on profits ... to meet these challenges, farmers have to put in long hours behind the wheel. So that they can keep on performing well, GRAMMER driver seats strengthen their backs worldwide. With extensive R&D and a steady stream of new innovations, we make sure our customers receive sitting comfort they can feel – no matter how long or how hard they have to work.





## THE MAXIMO® MODELS. HIGH-END COMFORT AND ERGONOMICS.

Human beings take first place. And all of the models of the Maximo series are designed to meet their needs, make them comfortable, and let them work without tiring. The backrests are ergonomically shaped for outstanding comfort, and wide cushions and armrests combine maximum freedom of movement with solid support. In the Maximo Dynamic Plus, the upper backrest section even twists around with the user. Every Maximo seat can also be flexibly and precisely adjusted to suit your body.

Another factor that contributes to your wellbeing is a pleasant temperature in the vehicle, and especially where you spend hour after hour: on the seat. In this respect as well, the Maximo seats make working even more agreeable. The Maximo Evolution Dynamic and Maximo Evolution Active feature an active climate system that removes body moisture so you'll never again have to sit drenched in sweat. And on cold days, integrated seat heating makes sure you sit cozily.





# MAXIMO<sup>®</sup> DYNAMIC PLUS

## With Dualmotion Adaptive Back Support

The Maximo Dynamic Plus excels with Dualmotion technology: the upper backrest section rotates as the user twists around, thus continuing to provide back support while ensuring the best possible view when it's necessary to work in a backward-facing position. Thanks to a redesigned swivel, lateral suspension, and new controls, the Maximo Dynamic Plus also ideally meets the prerequisites for installing heavy multifunctional armrests\*.

**Perfect for large agricultural machines.**

\* The multifunctional armrest is not included.



Dualmotion

Sitting for extended periods in a rear-facing position is strenuous. Fortunately, the Maximo Dynamic simply rotates with you. The Dualmotion adaptive back support reduces muscle fatigue because, together with the extra-wide armrests, it keeps bolstering your back even when you've twisted around to face backward. This improves your view of rear attachments, thus facilitating work and improving safety.



Pictures may differ from standard equipment.

### Key Features

(For explanations, see the fold-out page.)



Pneumatic Suspension



Dynamic Damping System



Dualmotion



Pneumatic Lumbar Support



Automatic Shock Absorber



Adjustable Swivel



Automatic Positioning System



Automatic Weight Adjustment



Lateral Suspension



Fore/Aft Isolator



Passive Climate System





# MAXIMO® EVOLUTION ACTIVE

## High-End Sitting Comfort with Actively and Electronically Controlled Suspension

The innovative actively and electronically controlled suspension of the Maximo Evolution Active reduces vibrations by an average of 40% and peak acceleration by as much as 75%. And the seat is automatically adjusted to the user's weight. These features, together with optimized suspension travel, let the seat fully tap its potential for delivering greater ergonomics and safety. In addition, an active seat climate system with removal of body moisture makes sure you never again have to sit at the wheel drenched in sweat.

**Optimal for large agricultural machines.**



Pneumatic  
Suspension



Actively  
Controlled  
Suspension



Pneumatic  
Lumbar  
Support



Adjustable  
Swivel



Automatic  
Shock  
Absorber



Automatic  
Positioning  
System



Electronic  
Weight  
Adjustment



Lateral  
Suspension



Fore/Aft  
Isolator



Active Climate  
System

# MAXIMO® EVOLUTION DYNAMIC

## Premium Seat with Dynamic Damping System

The Dynamic Damping System raises the bar for comfortable sitting in passive-suspension seats for midsized and large tractors. An active seat climate system with removal of body moisture additionally enhances comfort by making sure that you never again have to sit in a pool of sweat.

**Ideal for midsized and large tractors.**



Pneumatic  
Suspension



Dynamic  
Damping  
System



Pneumatic  
Lumbar  
Support



Adjustable  
Swivel



Automatic  
Shock  
Absorber



Automatic  
Positioning  
System



Electronic  
Weight  
Adjustment



Lateral  
Suspension



Fore/Aft  
Isolator



Active Climate  
System












## MAXIMO® DYNAMIC

### High-Comfort Seat with Dynamic Damping System

The Dynamic Damping System raises the bar for comfortable sitting in passive-suspension seats for midsized and large tractors. The Maximo Dynamic also automatically adjusts itself to the operator's weight and features a pneumatic lumbar support as well as extra-wide, voluminous cushions. The result is outstandingly comfortable sitting and work.

**Ideal for midsized and large tractors.**

-   
Pneumatic Suspension
-   
Dynamic Damping System
-   
Pneumatic Lumbar Support
-   
Adjustable Swivel
-   
Automatic Shock Absorber
-   
Automatic Positioning System
-   
Automatic Weight Adjustment
-   
Lateral Suspension
-   
Fore/Aft Isolator








## MAXIMO® PROFESSIONAL

### High-Comfort Seat with Low-Frequency Suspension

Tractors with axle and cabin suspensions have a low resonant frequency. GRAMMER has therefore developed a low-frequency suspension especially for them. It absorbs vertical vibrations and jolts, thus preventing the seat from bouncing in critical situations as a result of resonance build-up. It's a fact that suspensions with a lower natural frequency result in a more comfortable ride.

**Perfect for standard tractors.**



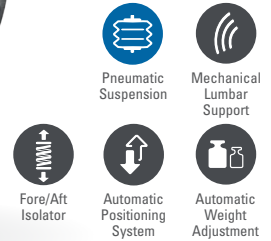
-   
Pneumatic Suspension
-   
Low-Frequency Suspension
-   
Mechanic Lumbar Support
-   
Adjustable Swivel
-   
Adjustable Shock Absorber
-   
Automatic Positioning System
-   
Automatic Weight Adjustment
-   
Fore/Aft Isolator

# MAXIMO® COMFORT PLUS

## Standard Seat with Automatic Positioning System

The driver benefits greatly from this seat's pneumatic suspension with automatic positioning system (APS), which provides for greater comfort and safety by ensuring that the seat is in the best possible position at all times.

**Perfect for standard tractors.**



# MAXIMO® COMFORT

## Standard Seat with Pneumatic Suspension

An integrated 12-volt air compressor makes it extremely easy to adjust the height of the Maximo Comfort by raising or lowering a lever. Extra-wide, voluminous cushions add to the feeling of comfort while a lumbar support greatly reduces the risk of damage to spinal disks.

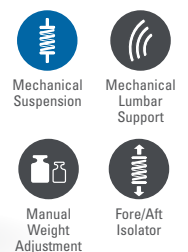
**For use in standard tractors.**

# MAXIMO® BASIC

## Standard Seat with Mechanical Suspension

In order for a seat with mechanical suspension to be truly comfortable, it must be precisely adjusted to the user's weight. In the Maximo Basic, this is accomplished with an easy-to-use lever. Ideal for drivers of standard tractors, this seat model comes with suspension travel of 100 mm, a fore/aft isolator, and three-position height adjustment to ensure a comfortable ride.

**The economical solution for standard tractors.**







# PRODUCT OVERVIEW

## All Features of MAXIMO® Driver Seats

Feature	MAXIMO® Evolution Active	MAXIMO® Evolution Dynamic	MAXIMO® Dynamic Plus	MAXIMO® Dynamic	MAXIMO® Profes- sional	MAXIMO® Comfort Plus	MAXIMO® Comfort	MAXIMO® Basic
<b>Article no. with fabric</b>	1288762	1288764	1323523	1288545	1288547	1288546	1288539	1288549
<b>Art. no. for fabric</b> and operator presence switch (for Fendt)	1297511	1288768						
<b>Art. no. for fabric</b> and operator presence switch (for Same)		1288766						
<b>Article no. for imitation leather</b>						1234485	1201942	
<b>Document box</b>	●	●	●	●	○	○	○	○
<b>APS</b> (Automatic Positioning System)	●	●	●	●	●	●		
<b>Armrest(s)</b> , height-adjustable and foldable	●	●	●	●	●	●	●	●
65 x 270 mm							●	●
60 x 380 mm, adjustable angle					●	●		
80 x 380 mm, adjustable angle			●	●				
80 x 380 mm, adjustable angle, with fabric cover	●	●						
Interface for multifunctional armrest (right)			●					
<b>Shock absorber</b>								
Automatic	●	●	●	●				
Adjustable					●			
Nonadjustable						●	●	●
<b>Swivel</b>								
Adjustment range of 20°	●	●		●	●			
Adjustment range of 7.5° left / 15° right			●					
<b>Suspension</b>								
Mechanical								●
Pneumatic (12 V compressor)	●	●	●	●	●	●	●	
Low-frequency					●			
Dynamic Damping System®		●	●	●				
Active electronic control	●							
<b>Suspension stroke</b>								
100 mm					●	●	●	●
120 mm	●	●	●	●				
<b>Weight adjustment</b>								
Manual							●	●
Automatic			●	●	●	●		
Active (electronic)	●	●						
<b>Height adjustment</b>								
80 mm, infinite (air-assisted)	●	●	●	●	●	●	●	
80 mm, 3-step (mechanical)								●
<b>Climate system</b>								
Passive			●					
Active	●	●						
<b>Fore/aft adjustment</b> over 210 mm	●	●	●	●	●	●	●	●
<b>Fore/aft isolator</b>	●	●	●	●	●	●	●	●
<b>Lumbar support</b>								
Pneumatic	●	●	●	●			●	●
Mechanical					●	●	●	●
<b>Adjustable backrest angle</b>	●	●	●	●	●	●	●	●
<b>Integrated backrest extension</b>	●	●		●	●	●	○	○
<b>Adaptive Dualmotion back support</b>			●					
<b>Restraint system</b>	○	○	●	○	○	○	○	○
<b>Lateral suspension</b>	●	●	●	●	○	○	○	○
<b>Seat heating, 2 settings</b>			●					
<b>Seat heating</b>	●	●		●	○	○	○	○
<b>Adjustable seat cushion depth and angle</b>	●	●	●	●	●			
<b>Seat cushion width</b>	550 mm	550 mm	565 mm	550 mm	530 mm	530 mm	520 mm	480 mm
<b>Operator presence switch (OPS)</b>	●	●	○	○	○	○	○	○

● Standard ○ Optional

Subject to technical changes

# THE FEATURES IN DETAIL

## Suspension Comfort



### **Electronically and Actively Controlled Suspension** (with 12-volt connection)

This innovative new electronic system for actively controlling vertical suspensions reduces the potentially injurious vibrations that drivers of large tractors are subjected to by 40 percent compared to our proven low-frequency suspension.



### **Dynamic Damping System**

This system enhances our proven low-frequency suspension by additionally attenuating low-frequency vibrations. It also prevents the seat from striking the stops on rough terrain.



### **Low-Frequency Suspension**

The low-frequency suspension damps vertical vibrations and jolts, thus preventing the seat from bouncing in critical situations as a result of resonance build-up.



### **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 adjust it to your weight. It couldn't get more comfortable 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



### **Dualmotion**

In the Dualmotion adaptive back support system, the upper backrest section automatically follows when the driver twists around in the seat. This keeps the back fit while ensuring a good view toward the rear.



### **Automatic/Electronic/Mechanical Weight Adjustment**

Adjusting the seat to the driver's weight ensures relaxed, healthy sitting while doing work. In the seats of the Maximo 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.



### **Adjustable Swivel**

The swiveling angle can be adjusted on each side to facilitate getting in and out of the seat and working with rear attachments.



### **Lateral Suspension**

The lateral suspension attenuates vibrations and jolts perpendicular to the direction of travel.



### **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.