TITAN

Heavy Duty seat belts

EXTREME DURABILITY



UNITEDSEATS®

QUALITY SEATING MANUFACTURER

BUILT FOR EXTREME CONDITIONS

FOR HARSH INDUSTRIAL, MINING & OUTDOOR ENVIRONMENTS

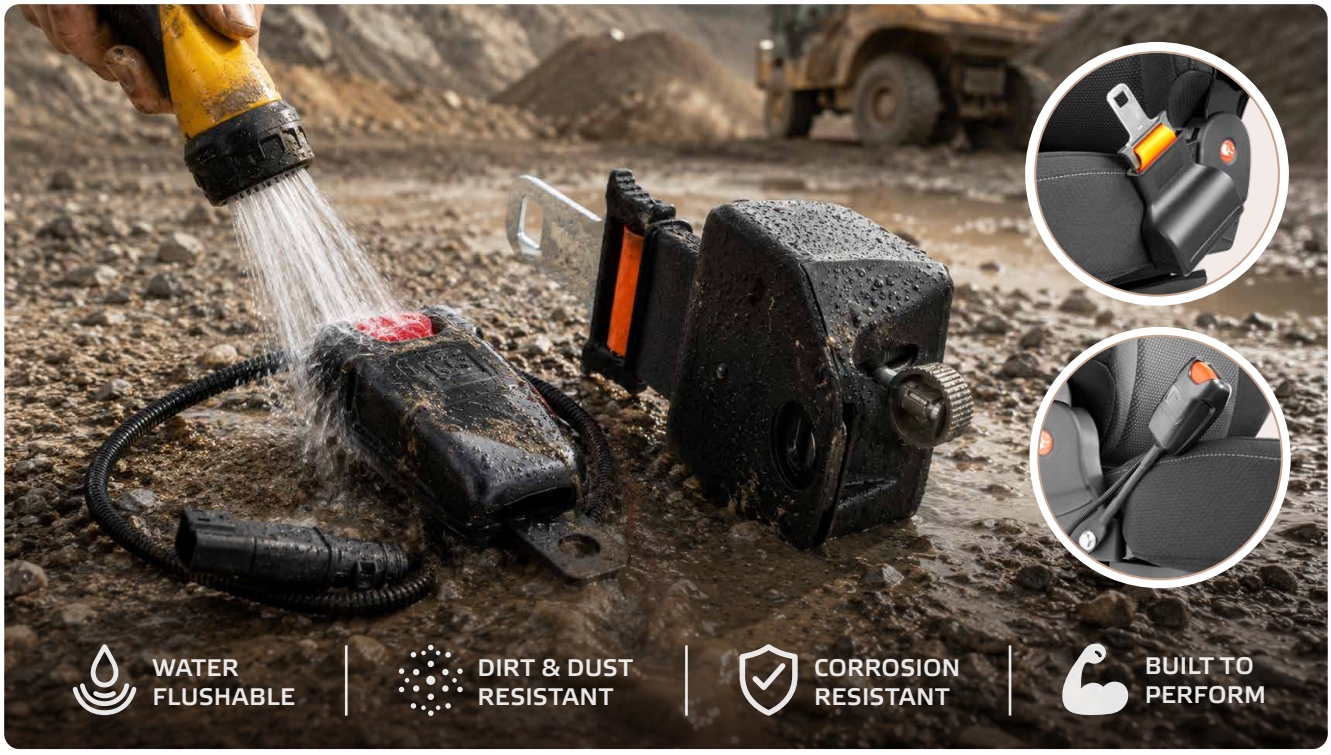
Naturally a key driver safety element is the seat belt. The Titan seat belts have been specifically designed and tested to withstand ingress from water, dust, mud and salt spray.

They comply with ISO 6686, ECE-R16 and are also American SAE-J386 approved. The Titan seat belts feature escape vents in the buckles to allow debris to pass through and the buckles are IP67 rated and can easily be rinsed with water to clear the buckle of a build up of dirt.

The seat belt webbing, available in 2 and a 3 inch wide version, is of high quality and available in black or orange. Most of the Titan belt range features an ALR (Automatic Locking Retractor) mechanism with the addition of the MLR (Manual Locking Retractor) which is controlled with a clutch mechanism.



Air UnitedSeats LGV150/C8 Pro fitted with 3 inch orange belt



TYPICAL VEHICLE APPLICATIONS

FOR OPEN MACHINES THAT FACE THE ELEMENTS

Site dumpers



- Open to all weather conditions, rain, cold and extreme heat.
- High vibration inputs.
- Rough terrain with dust, mud and water.
- Frequent hopping on and off.

The Manual Locking Retractor (MLR) lets the operator set the belt tightness themselves.



UnitedSeats MGV35



Switch buckle



Manual Locking Retractor



Vented buckle:
dirt and water drain out

Compact open machines



- Open to road conditions from water spray to dust and grime.
- High exposure to all weather conditions.
- Weatherproof belts and seats provide a high degree of safety in all conditions.

Piggyback forklifts, mini excavators and road rollers



Mi600



Switch buckle with
Deutsch connector



Orange belt with ALR retractor



IP67 rated components

ON.150785 (with black belt)
ON.150785 O (with orange belt)

Automatic 2-point seat belt
With switch (Normally Open)
MLR mechanism
Fixed buckle: 12 cm
Belt length: 120 cm
Belt width: 5,1 cm (2 inch)
Belt colour: black or orange
Including fitting kit



The Manual Locking Retractor (MLR) allows the driver to lock the belt around their waste to suit their comfort.

ON.150786 (with black belt)
ON.150786 O (with orange belt)

Automatic 2-point seat belt
ALR mechanism
Fixed buckle: 12 cm
Belt length: 129 cm
Belt width: 5,1 cm (2 inch)
Belt colour: black or orange
Including fitting kit



ON.150787 (with black belt)
ON.150787 O (with orange belt)

Automatic 2-point seat belt
With switch (Normally Open)
ALR mechanism
Flex buckle: 25 cm
Belt length: 129 cm
Belt width: 5,1 cm (2 inch)
Belt colour: black or orange
Including fitting kit



ON.150788 (with black belt)
ON.150788 O (with orange belt)

Automatic 2-point seat belt
With switch (Normally Open)
ALR mechanism
Fixed buckle: 12 cm
Belt length: 129 cm
Belt width: 5,1 cm (2 inch)
Belt colour: black or orange
Including fitting kit



ON.150789 (with extra wide black belt)

Automatic 2-point seat belt
With switch (Normally Open)
ALR mechanism
Flex buckle: 25 cm
Belt length: 138 cm
Belt width: 7,6 cm (3 inch)
Belt colour: black
Including fitting kit



ON.150789 O (with extra wide orange belt)

Automatic 2-point seat belt
With switch (Normally Open)
ALR mechanism
Flex buckle: 25 cm
Belt length: 138 cm
Belt width: 7,6 cm (3 inch)
Belt colour: orange
Including fitting kit



EXTREME HEAVY DUTY VEHICLES

FOR MINES, QUARRIES & CONSTRUCTION SITES





- Mines, quarries and construction sites.
- Large machines on rough terrain.
- High driver safety requirements.
- Long shifts and driving at speed.
- Driver comfort is paramount.

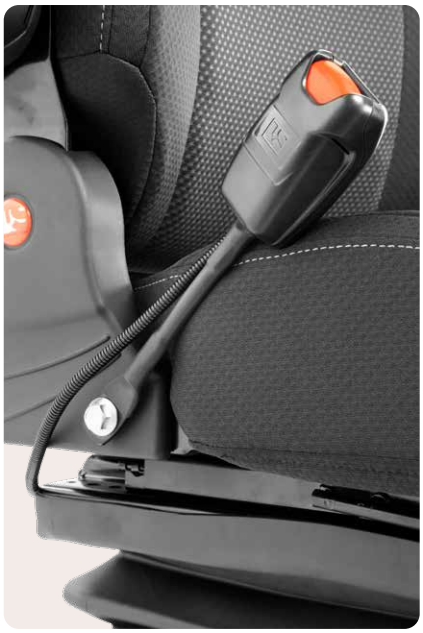
United States and Canadian requirements call for 3 inch (7.6 cm) seat belts.



UnitedSeats LGV150/C8 Pro



3" extra wide belt retractor



Orange belt with ALR retractor

PRODUCT INFORMATION

Our products are manufactured, tested and approved to European, international and national standards as and when required, i.e. ECE R16, SAE J386 and ISO 24135-1. Identification of the relevant standard is carried on the product.

CERTIFICATIONS

ECE Regulation 16 (UN R16)

Safety belts and restraint systems for cars, coaches, trucks etc. for European and UK road use. Tested in accordance with UN Regulation No. 16.10 (Approval No. E8*16R10/01*17882*00)

SAE J386

Operator restraint systems for off-road work machines.

FMVSS 302

Flammability of interior materials - the webbing and belt components meet the US burn-rate requirements.

TESTED ACCORDING TO

ISO 24135-1

Earth-moving machinery - restraint systems, seat belts and seat belt anchorages (current standard, supersedes ISO 6683).

ISO 6683

Seat belts and seat belt anchorages (earth-moving machinery, superseded by ISO 24135-1).

IEC 60068-2-68

Resistance to dust and sand, tested in accordance with IEC 60068-2-68.

ABBREVIATIONS

ECE / UNECE = United Nations Economic Commission for Europe
SAE = Society of Automotive Engineers
FMVSS = Federal Motor Vehicle Safety Standard (USA)
ISO = International Organisation for Standardisation
IEC = International Electrotechnical Commission
GB = Guobiao - Chinese national standard

EXPLANATION OF SEAT BELT VARIANTS

ALR = Automatic Locking Retractor
ELR = Emergency Locking Retractor (Duo Sensitive)
MLR = Manual Locking Retractor

APPROVAL MARKING

E = Approval to UN Regulation 16. The number following the E indicates the country that granted the approval.

Note: the former “e” mark to EEC Directive 77/541 no longer applies. That directive has been repealed; within the EU, seat belts are now approved to UN Regulation 16 under Regulation (EU) 2019/2144.

MARKINGS ON THE LABEL

A = 3- or 4-point mounting lap and diagonal belt
B = 2-point mounting lap belt
r = Safety belt with retractor
3 = Automatic Locking Retractor
4 = Emergency Locking Retractor
m = Multiple sensitivity

CE MARKED & SAFETY TESTED

Titan seat belts are CE marked as safety components for machinery and independently tested in accordance with ISO 6683 and SAE J386 for off-road machinery applications. In addition, Titan seat belts are type approved to UN ECE R16, confirming compliance with internationally recognised safety and performance requirements.

SEAT BELTS SAVE LIVES IF THEY ARE IN GOOD CONDITION!

In an accident a seat belt becomes a life saver. But wear, tear and abuse all cause the seat belt to deteriorate. Holes, cuts, fraying or fluffing weaken the belt, can obstruct its operation and/or cause slackness. Loads in an accident can reduce the effectiveness of the belt. In a severe impact the seat belt loading is approximately equal to the weight of a three tonne elephant! After an accident, in all cases, the complete seat belt should be replaced.

SAFETY INSTRUCTIONS

- These instructions should be passed to the owner/driver.
- The belt is designed for use by one adult person and must not be put around a child seated on a person’s lap.
- It is important to wear the belt on each journey.
- The belt should at all times be adjusted and used in accordance with the instructions. No excessive slackness should be present.
- Avoid twisting the webbing during use. Webbing must not be allowed to chafe, i.e. against sharp edges.
- Do not make alterations or additions to the belt. If in doubt, consult the manufacturer.
- Belts that are cut, frayed, damaged or impacted should be replaced. Check the anchorage points after impact.
- To clean use warm soapy water only. Do not use chemical cleaners, bleach or dye. Contamination with petrol, grease and acid will be detrimental.
- Periodic inspection of the installation will ensure reliable service of the seat belt.

QUALITY SEATING MANUFACTURER

Custom made in Holland

UNITEDSEATS®

At UnitedSeats we are dedicated to providing a quality service from the initial quotation to final product delivery. Our commitment to service, knowledge and product availability has made us the preferred source for your seating needs.

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LRQA CERTIFIED ISO 9001

CE

LRQA CERTIFIED ISO 14001

DUTCH DESIGN

Schrijnwerkersstraat 10 • 3334 KH Zwijndrecht • the Netherlands • +31 (0)88 - 0158 700 • info@unitedseats.com