

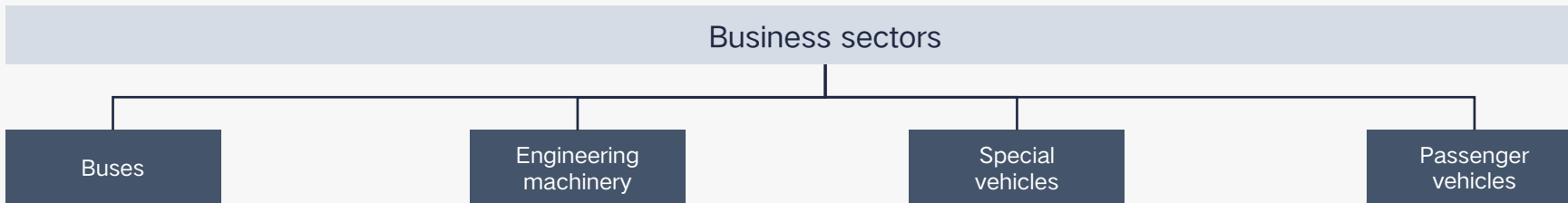
Molead Seat

Product Catalogue

Seat Business Unit

The Seat Business Unit is an important business component of MOLEAD. Its seat products cover passenger seats, driver seats, guide seats, school bus seats, etc., and are used in batches for buses, passenger vehicles, engineering machinery, trucks, special vehicles, recreational vehicles, armored vehicles, command vehicles and other industries.

The Seat Business Unit integrates seat design, R&D, manufacturing and sales services. Under the large-scale production mode, it insists on creating safe, comfortable, lightweight and beautiful high-quality seats, aiming to provide customers with a safer and more comfortable driving experience.



Manufacturing



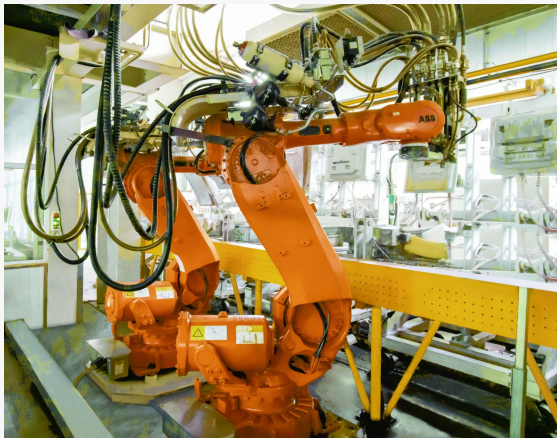
◆ Frame

It has perfect frame product development capability, and combines processes such as stamping, machining, welding and surface anti-corrosion treatment to provide customers with platform frame products with high strength and good consistency.



◆ Seat cover

Seat cover materials include leather, PVC and high-end fabrics. The color, material and decoration can be diversified and customized according to the individual needs of customers.



◆ Sponge

With modern production equipment such as ABB sponge pouring and spray painting robots and KraussMaffei foaming machines, the produced sponges have the advantages of tear resistance, strong support, aging resistance and good resilience.



◆ Sewing

The seat cover production is equipped with a variety of modern production facilities based on automation equipment, and has complete quality control capabilities for cover development, printing trial production and batch production to ensure the high-standard delivery of all kinds of seat covers.



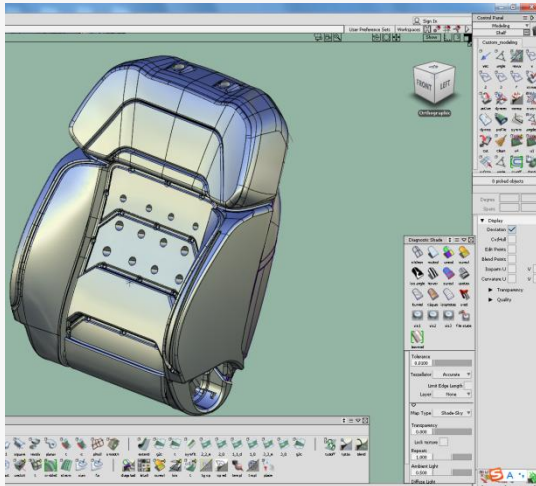
► Styling design capability

It has a professional styling team, covering the whole process of styling development such as creativity, 3D, CMF and physical verification, and can quickly respond to customer needs.



► Comfort design and evaluation

A systematic comfort design and evaluation system is established through the study of man-machine riding comfort curve, body pressure distribution, transmission characteristics and NVH.



► Structural design and evaluation

It realizes scientific and information management of the whole process through CATIA, CAD structure design and CAE simulation analysis, and has good economic benefits and excellent engineering quality to ensure the reliability and safety of products.



► Test and verification capability

It has perfect seat test and verification capability and strictly controls the safety and reliability of products.

Safety: verification and certification are carried out according to UN R14, UN R17, UN R18, UN R118.

Reliability: including strength and durability tests of parts, anti-corrosion performance test of surface coating, high and low temperature performance test and road simulation vibration test.

Qualifications and Patents



47 patents



24 utility model patents



3 invention patents

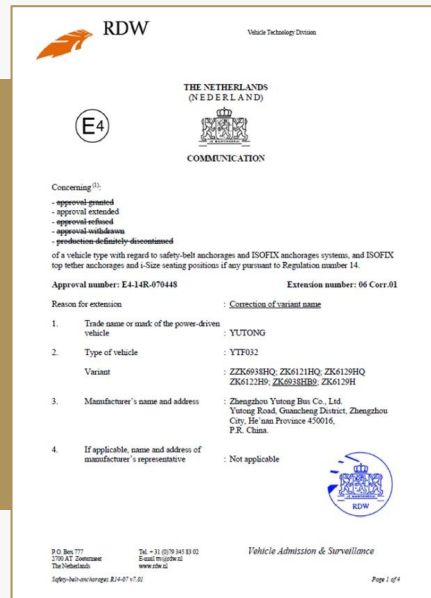
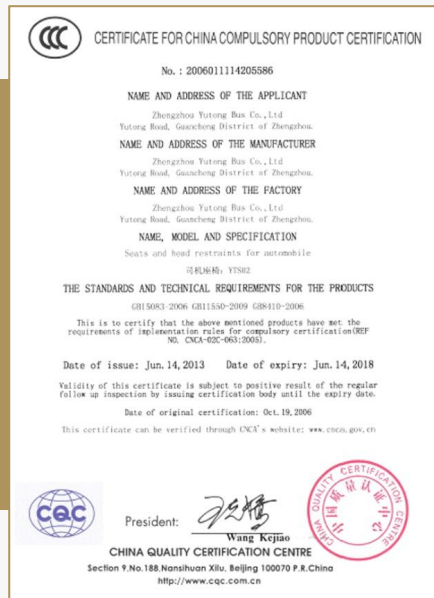


20 invention patents

By 2023, the Seat Business Unit has various patents:

Meet various safety standards:

- GB 13057 GB 14167
- GB 8410 ECE R80
- ECE R14 ECE R118



Product Catalogue

Driver seat



Driver seat with airbag shock absorption

YTSQ01E



Driver seat with airbag shock absorption

YTSQ06A



Electric airbag driver seat

YTSE03A

Passenger seats



Premium business seat

YTE01A



Passenger seat

YTF032(F05)H



Premium passenger seat

YTH07



Passenger seat

YTF032(Y05D)



Passenger seat

YT15A(F06L)



Seats in Australia

YTH05



Passenger seats in South America

YTH06(L)

Bus seats



Seats for suburban vehicles

YTG09



Bus seats

YTG10

YTSQ01E

Driver seat
with airbag shock absorption



YTSQ01E

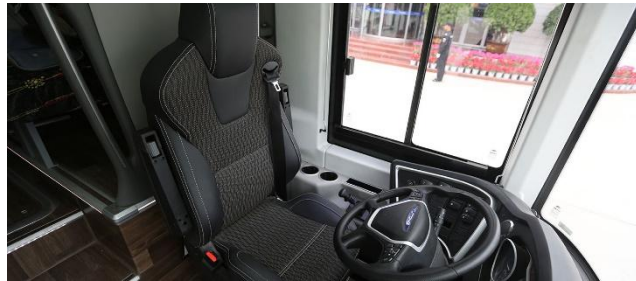
Optional fabrics and styling



Product introduction

- Full airbag driver seat: pneumatic height adjustment, adjustment button on the right, and convenient operation;
- Seat cushion ventilation function: circulating air design for the seat surface, sponge vents arranged by integrating ergonomics to enhance the air permeability of the seat;
- Suspension spring structure of backrest: good resilience and comfort. It can buffer various impact vibrations during driving, reduce fatigue feeling caused by driver seat, and facilitate safe driving;
- Anti-diving design of seat: During emergency braking, the bulge at the front end of the seat cushion can provide resistance to prevent the human body from sliding forward too much and improve safety.

Vehicle effect



Configuration information

Cushion angle adjustment	Cushion depth adjustment	Forward/Backward adjustment of seat	Damping adjustment	Rapid upward/downward adjustment	Lumbar support adjustment
●	●	●	●	○	●
Massage	Ventilation	Heating	Upward/Downward adjustment	Armrest	
○	○	○	●	○	

- standard configuration
- optional configuration

Applications

Buses



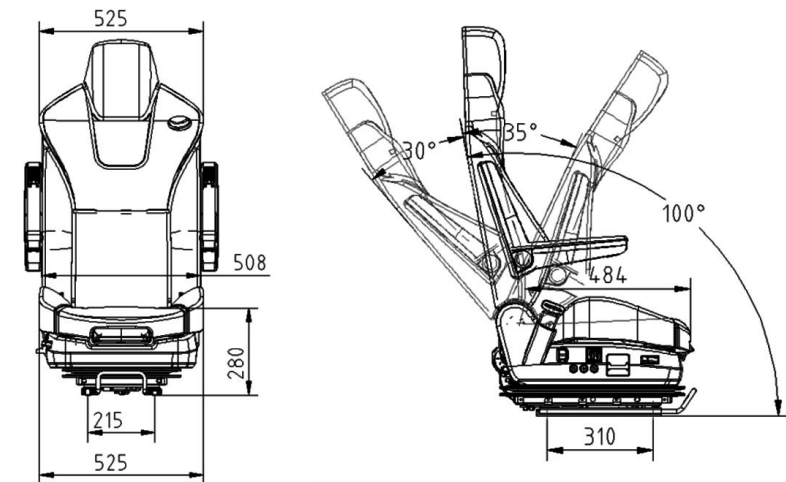
Engineering machinery



Special vehicles



Dimension display



◀ **YTSQ06A**
Driver seat
with airbag shock absorption



YTSQ06A

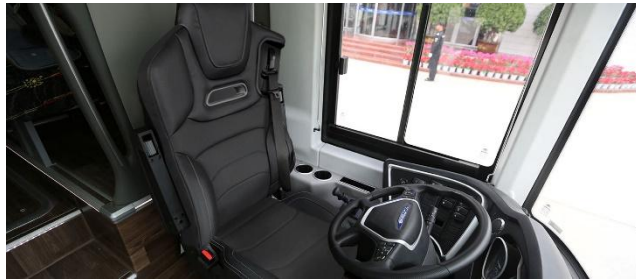
Optional fabrics and styling



Product introduction

- The shock absorber has the off-seat buffering function, which can realize forward and backward adjustment, pneumatic height adjustment, rapid lifting and lowering, damping adjustment and seat inclination angle adjustment.
- The seat cushion is designed with circulating air on the seat surface and flank support, which can realize ventilation. it can also adjust the seat depth and improve driving comfort;
- The shoulder angle of the seat backrest is adjustable, and it is equipped with a height adjustment function for the shoulder point of the safety belt. It has a backrest lumbar support and flank support adjustment to provide high comfort.

Vehicle effect



Configuration information

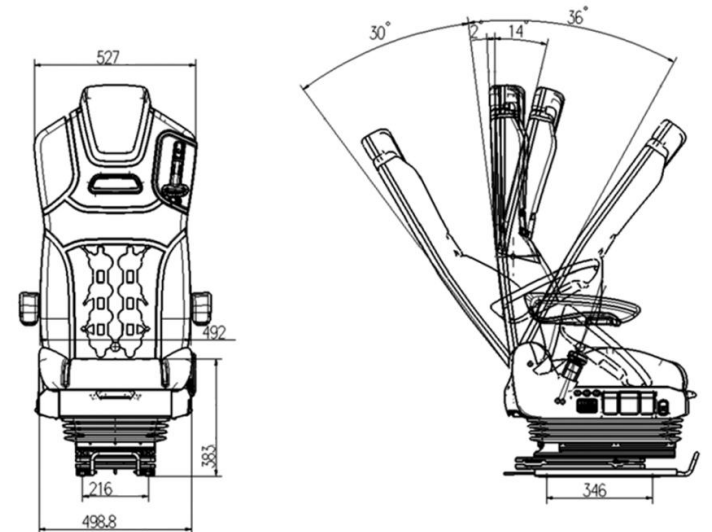
Airbag lumbar support adjustment	Damping adjustment	Height adjustment	Angle adjustment	Rapid upward/downward adjustment	Forward/Backward adjustment of seat	Seat depth adjustment	Seat belt height adjustment
●	●	●	●	●	●	●	●
Massage	Ventilation	Heating	Armrest	Backrest angle adjustment	Backrest folding	Turntable adjustment	
○	○	○	○	●	●	○	

- standard configuration
- optional configuration

Applications



Dimension display



◀ YTSE03A
Electric airbag driver seat



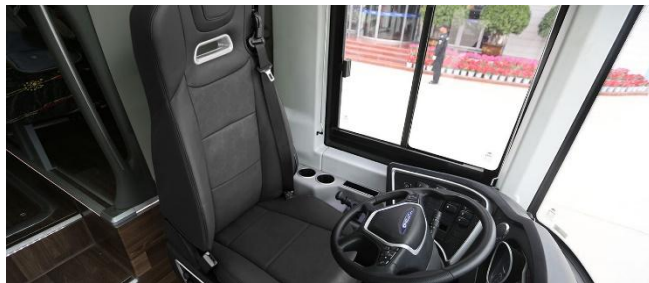
Optional fabrics and styling



Product introduction

- High-end driver seat with electric full airbag, electric ten-way adjustment (electric slide rail, electric rotation, electric inclination angle, electric backrest angle and electric backrest folding) to meet the needs of high-end customers;
- The switch position can be flexibly arranged on the left or right side of the seat according to vehicle requirements;
- The seat is equipped with backrest lumbar support and flank lumbar support as standard configuration;
- The seat is designed with one-button quick drop function to improve the convenience of getting on and off;
- The seat uses high-resilience foaming to provide higher seat comfort;
- The shoulder of the seat belt can be adjusted to cover more users.

Vehicle effect



Configuration information

Multi-directional electric adjustment of backrest	Lumbar support adjustment	Massage	Ventilation and heating knob	Seat belt height adjustment	Seat depth adjustment
●	●	○	○	●	●
Damping adjustment	Seat rotation	Quick-drop button			
●	●	●			

- standard configuration
- optional configuration

Applications

Buses



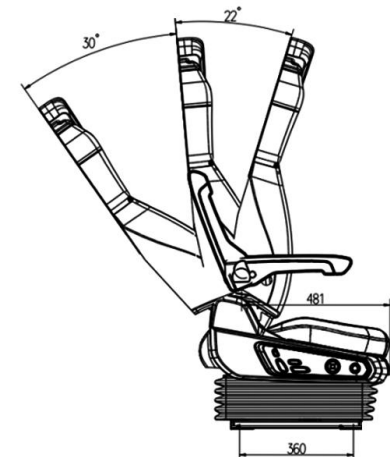
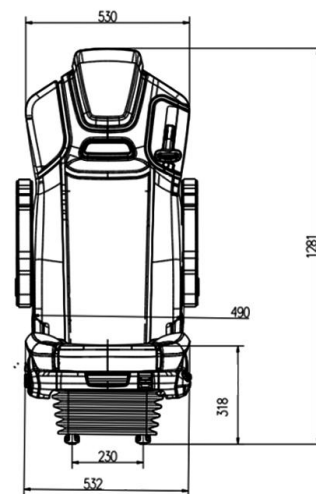
Engineering machinery



Special vehicles



Dimension display



◀ YTE01A
Premium business seat



YTE01A

Optional fabrics and styling



Product introduction

- High-end electronically controlled business seat, suitable for T7 middle-row seats;
- The lime-colored perforated leather fabric and encompassing leather-covered side armrest fully demonstrate luxury and elegance;
- The seat body is laid with soft foam, which makes it comfortable to sit;
- The side-mounted integrated switch, electronic control memory function, eight-way electric adjustment and ventilation and heating comfort configuration provide passengers with more comfortable and reliable riding experience.

Vehicle effect



Configuration information

Seat rotation adjustment	Electric adjustment of backrest	Ventilation	Heating	Backrest pocket	
●	●	●	●	●	

- standard configuration
- optional configuration

Applications

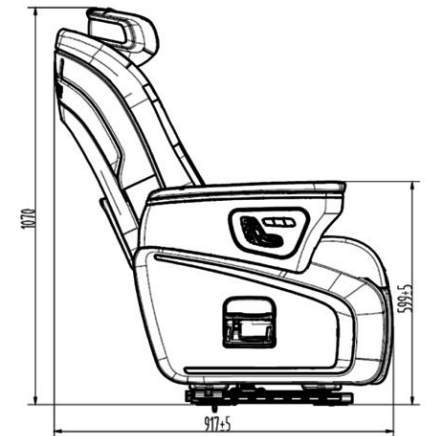
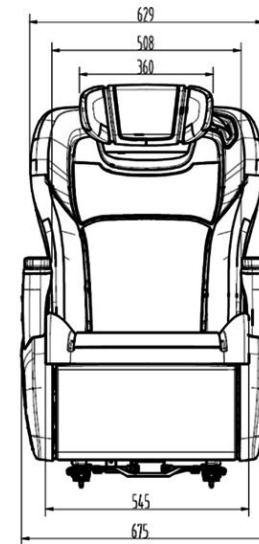
Buses



Special vehicles



Dimension display



◀ **YTF032(F05)H**
Passenger seat



YTF032

Optional fabrics and styling



Product introduction

- It meets the requirements of backrest energy absorption, static strength and two-point safety belt anchorage strength test standards, and obtains 3C certificate;
- The curve design of ergonomic check and the snake-shaped spring structure of underframe bring a more comfortable riding experience;
- The modeling is simple and elegant, the overall foaming technology is applied, and the seat cover and sponge are more closely attached.

Vehicle effect



Configuration information

Two-point retracting safety belt	Three-point retracting seat belt	Lift-up armrest	Cup holder	Side handle	Transverse movement
●	○	●	○	●	○
Mesh bag	Pedal	USB charging	table		
●	○	○	○		

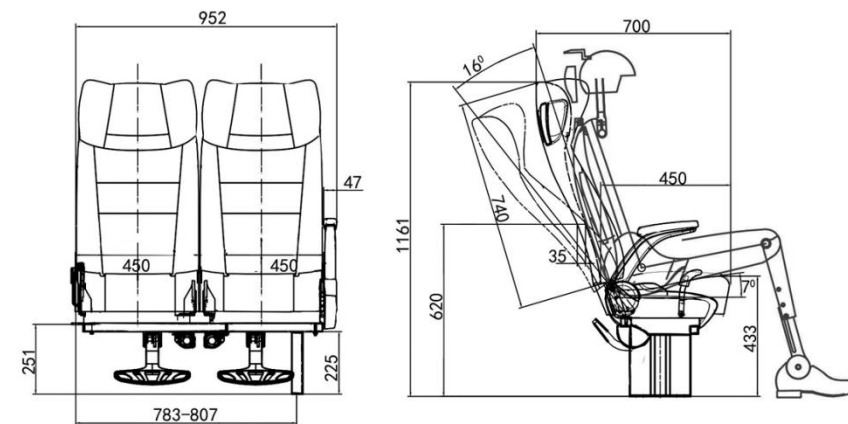
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ **YTH07**
Premium passenger seat



Optional fabrics and styling



Product introduction

- The backrest of high-end passenger seat is adjustable forward and backward and transversable from left to right, making the seat more spacious;
- It is equipped with four-way adjustable headrest to provide effective support for head and neck rest;
- The double-density sponge cushion design relieves passengers' fatigue;
- The aviation-grade magnesium-aluminum alloy press-down armrest echoes the avant-garde seat legs. The whole seat is highly integrated in shape and fashionable in color.

Vehicle effect



Configuration information

Cup holder	Folding table	Storage bag	Folding pedal	Backrest angle adjustment	Seat width adjustment
○	○	●	○	●	●
Wrap-around handle	Four-way adjustable headrest	Press-down armrest	USB charging		
●	●	●	●		

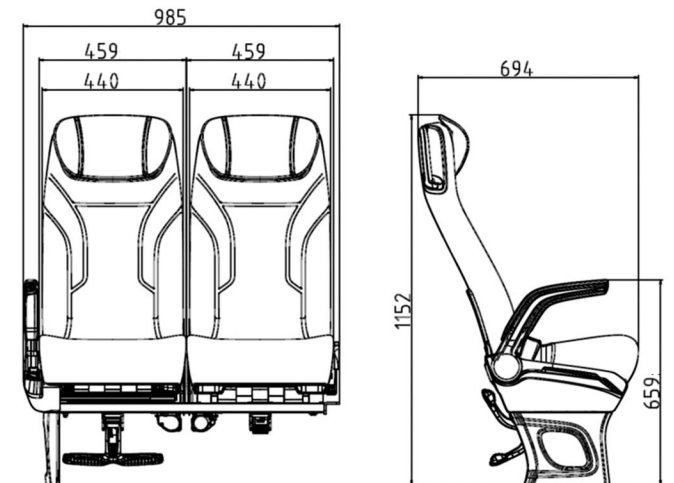
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ YTF032(Y05D)
Passenger seat



YTF032

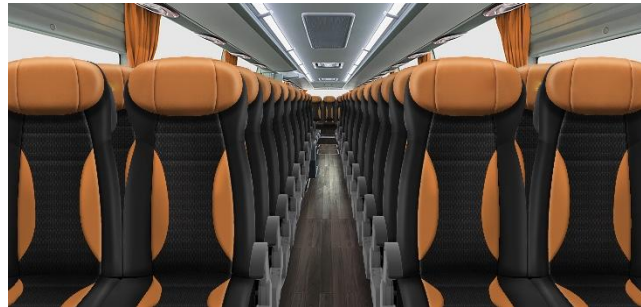
Optional fabrics and styling



Product introduction

- This kind of seat meets EU E-mark certification and obtains EU ECE certification;
- The backrest curve is checked by professional ergonomics for better riding comfort;
- It is specially designed for European tourism, with an integral plastic backboard on the back of the seat and beautiful appearance;
- All parts of the seat have passed the strict environment-friendly performance test, with an odor ≤ Grade 3.5 (23°C/40°C), focusing on passenger health protection;
- The backrest can be adjusted forward and backward to meet the riding needs of customers with different body sizes and riding habits.

Vehicle effect



Configuration information

Double-sided handle	USB	Flip table	Integrated backboard	Seat pocket	Rear trim of cushion
●	○	○	●	●	●
Pedal	Four-way movable headrest	Press-down armrest	Backrest adjustment	Seat traversing	
○	○	●	●	●	

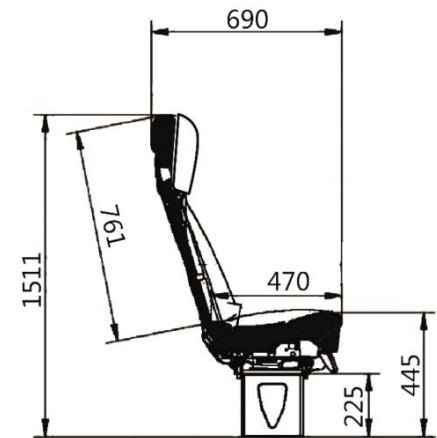
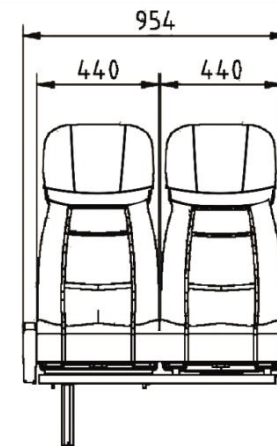
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ **YT15A(F06L)**
Passenger seat



YT15A

Optional fabrics and styling



Product introduction

- Simple and elegant shape, beautiful and harmonious color matching;
- The curve design is checked by ergonomics for even distribution of human body pressure and comfortable riding;
- Various seat sizes and adjustable backrest and angle are provided to meet different customer needs.

Vehicle effect



Configuration information

USB charging	Storage bag	Cup holder	Side armrest	Backrest adjustment	Side handle
○	○	○	●	○	○

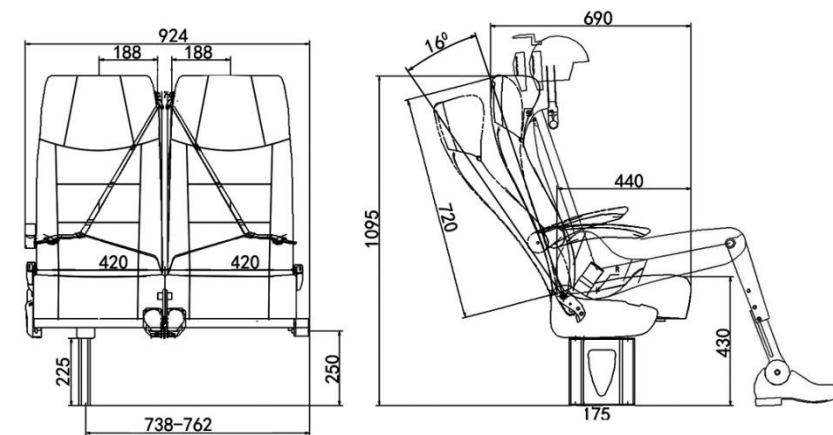
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ **YTH05**
Seats in Australia



YTH05

Optional fabrics and styling



Product introduction

- The seat has passed the Australia standard certification test and obtained the ADR certification report;
- The backrest curve is checked by professional ergonomics for better riding comfort;
- The backrest and cushion are provided with double-layer seat cover, with better support for both wings;
- The newly-designed ADR high-strength steel skeleton platform is lightweight, economical and safe;
- The backrest can be adjusted forward and backward to meet the riding needs of customers with different body sizes and riding habits.

Vehicle effect



Configuration information

USB charging	Storage bag	Folding table	Press-down armrest	Backrest and seat width adjustment	
●	●	○	●	●	

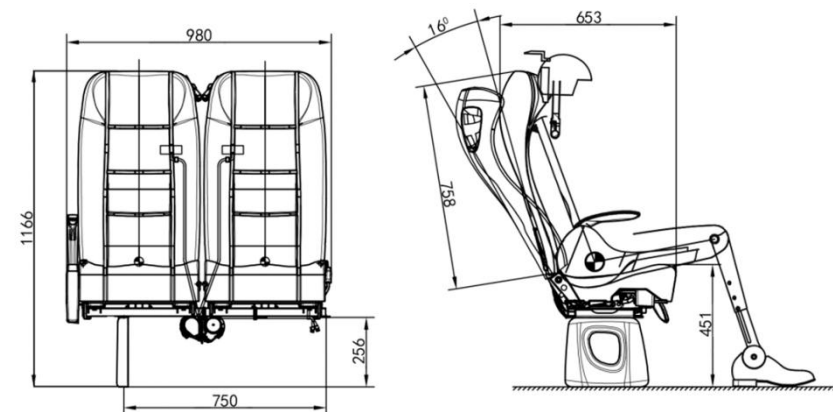
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ **YTH06(L)**
Passenger seats
in South America



Optional fabrics and styling



Product introduction

- This kind of seat meets EU E-mark certification and obtains EU ECE certification;
- The seat is widened and enlarged, and the backrest and cushion are supported by serpentine springs for soft and comfortable riding;
- The backrest, headrest and cushion are made of slow-rebound sponge for good support;
- The armrest is integrated with the cup holder, and the backrest backboard is integrated with USB and clothes hook for convenient use;
- Serialized products and optional models (L/M/S) can adapt to various vehicle assembly and customer needs.

Vehicle effect



Configuration information

Plastic backboard	USB	Folding pedal	Three-point seat belt	Seat pocket	10-inch display screen
○	○	○	○	●	○
Clothes hook	Lift-up armrest	Integrated cup holder with armrest	Backrest adjustment	Memory cotton of backrest and cushion	
○	●	○	●	●	

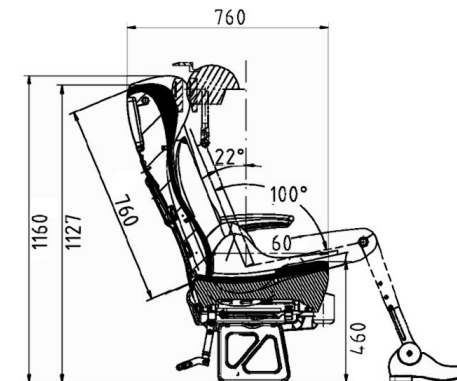
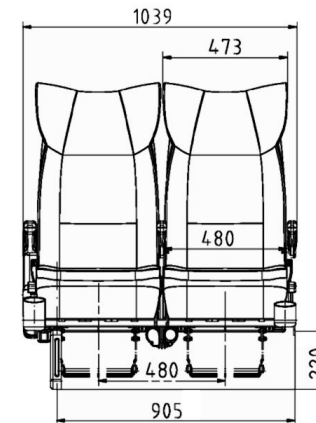
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ YTG09

Seats for suburban vehicles



YTG09

Optional fabrics and styling



Product introduction

- It has obtained the EU ECE certificate and met all requirements of domestic mandatory test. It has also been included in the formulation of national passenger car seat standards;
- The wide backrest and seat sponge, with ergonomically checked curve design, can provide passengers with better riding experience;
- The backrest is of a steel frame structure, which completely gets rid of plywood materials, reducing the emission of formaldehyde and benzene series odors;
- Premium plastic backboard design, solid and durable, easy to take care of.

Vehicle effect



Configuration information

Wireless charging	Retractable clothes hook	Three-point retracting seat belt	USB charging	Side armrest	
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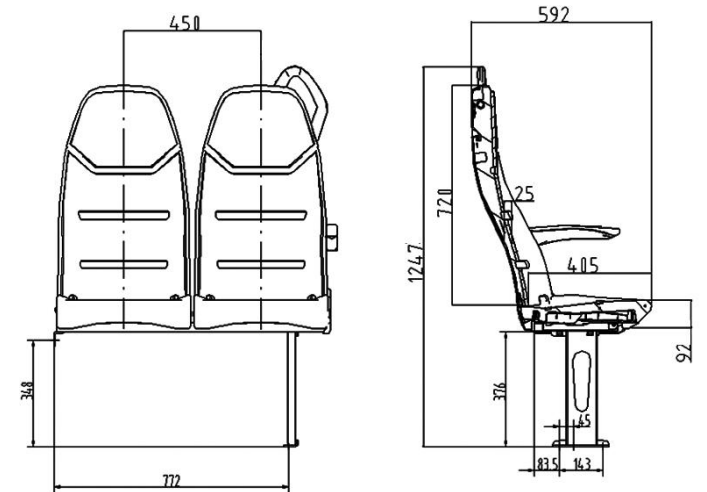
- standard configuration
- optional configuration

Applications

Buses



Dimension display



◀ **YTG10**
Bus seats



Optional fabrics and styling



Product introduction

- The whole seat is lighter, with a lightweight frame of high-strength steel legs and aluminum profile underframe;
- Soft armrests, optional imported high-grade wool fabric upholstery and reasonable ergonomics curve are adopted for better seat touch and riding comfort;
- It meets the requirements of rigorous seat stiffness, strength, durability and other performance tests and is durable;
- Plastic parts are made of highly-environmentally friendly plastic particles, which are environment-friendly and healthy.

Vehicle effect



Configuration information

Universal connector	Fixed armrest	Movable armrest	Cushion and backrest upholstery		
○	○	○	●		

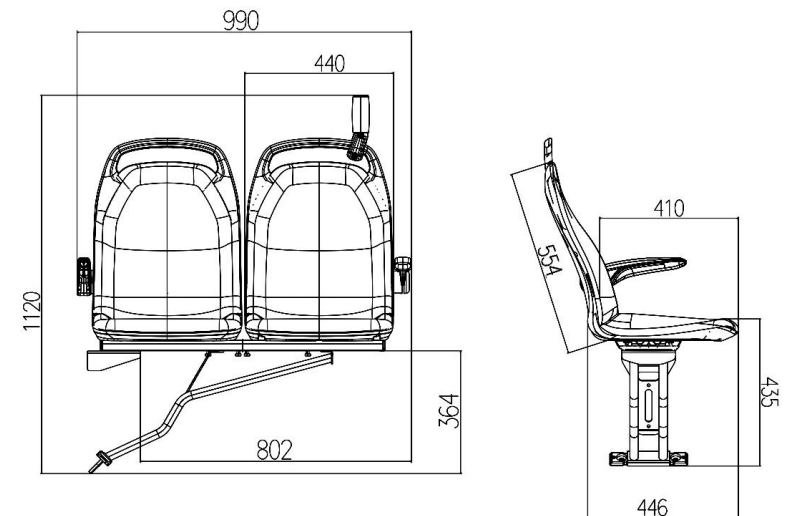
- standard configuration
- optional configuration

Applications

Buses



Dimension display





Aiming to provide customers with a safer and more comfortable driving experience

Contact Us

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