

YSR511-2

MECHANICAL SUSPENSION SEAT

**Engineered for Performance.
Built for Comfort.**

YSR511-2 mechanical suspension seat combines ergonomic design with durable construction to reduce fatigue and enhance operator comfort and productivity.



MECHANICAL SUSPENSION

Reliable mechanical suspension system reduces vibrations and ensures a smooth ride.



ERGONOMIC DESIGN

Ergonomic seat structure provides excellent support for long hours of operation.



ADJUSTABLE COMFORT

Adjustable slide rail and backrest angle for personalized driving comfort.



DURABLE & RELIABLE

Robust structure and premium materials ensure long service life in harsh conditions.



OPTIONAL SEAT HEATER

Integrated seat heater option keeps you warm in cold environments.

IDEAL FOR



MINING
DUMP TRUCK



EXCAVATOR



LOADER



DOZER



CRANE



WHEEL LOADER



www.ysrseating.com



sales@ysrseats.com



+86 18992819914

PRODUCT OVERVIEW

YSR511-2 Mechanical Suspension Seat is designed for construction machinery and heavy-duty vehicles, providing reliable vibration isolation, ergonomic support and long-lasting comfort for operators working in demanding environments.



KEY FEATURES



MECHANICAL SUSPENSION SYSTEM

Reliable mechanical suspension reduces vibrations and ensures a smooth ride.



ERGONOMIC DESIGN

Ergonomic seat structure provides excellent support for long hours of operation.



ADJUSTABLE BACKREST

Backrest angle is adjustable to suit different operators.



ADJUSTABLE SLIDE RAIL

Slide rail allows easy adjustment of fore and aft position.



HEAVY DUTY STRUCTURE

Robust structure and premium materials ensure long service life in harsh conditions.



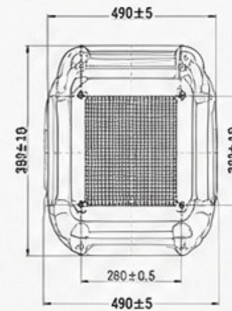
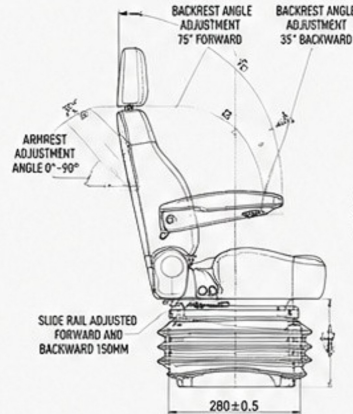
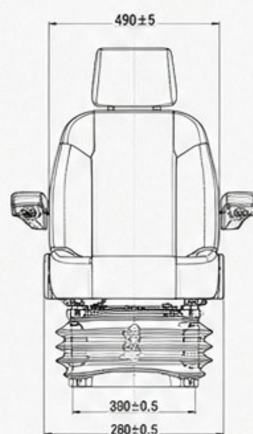
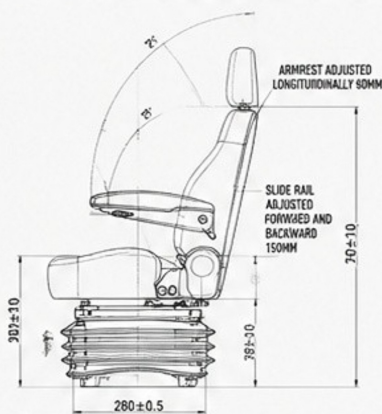
OEM CUSTOMIZATION

Various options available to meet different application requirements.

TECHNICAL SPECIFICATIONS

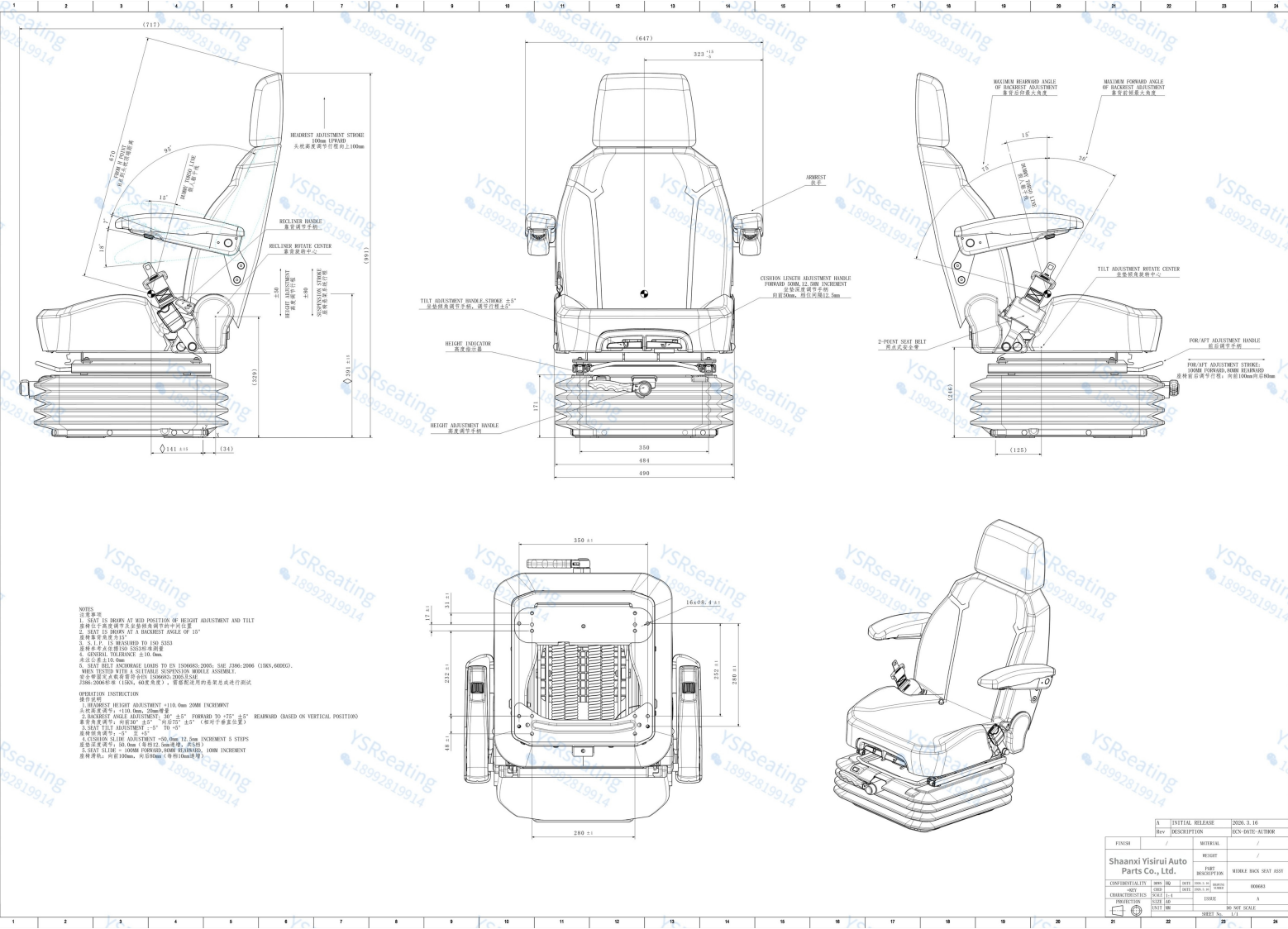
ITEM	SPECIFICATION
Suspension Type	Mechanical Suspension
Application	Construction Machinery & Heavy Duty Vehicles
Suspension System	Mechanical Spring Suspension
Seat Width	490 mm
Suspension Stroke	80 mm
Backrest Angle	Adjustable (75° Forward / 35° Backward)
Seat Cushion	Ergonomic Design
Slide Rail	Optional (Front-Rear Adjustment)
Armrest	Foldable
Seat Belt	Optional
Seat Heater	Optional
Upholstery	PVC / Fabric / Customized
OEM / ODM	Available

YSR511-2 ENGINEERING DRAWING



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. TOLERANCE: $\pm 10\text{mm}$ UNLESS OTHERWISE SPECIFIED.
3. HOLE TOLERANCE: $\pm 0.5\text{mm}$.
4. INSTALLATION HOLES: 4- $\varnothing 11$.
5. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



INITIAL RELEASE		2008.3.16	
Rev	DESCRIPTION	Rev	DESCRIPTION
1	FINISH	1	MATERIAL
2	SHAANXI YISIRUI AUTO PARTS CO., LTD.	2	REMARK
3	CONFIRMATION	3	REMARK
4	CONTRACT	4	REMARK
5	PRODUCTION	5	REMARK
6	TEST	6	REMARK
7	SHIP	7	REMARK
8	REMARK	8	REMARK
9	REMARK	9	REMARK
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24	REMARK	24	REMARK



**Headrest:
5-Position
Adjust**



Front Controls

Cushion: 50mm Extension (Left).
Tilt: 3-Pos. Adjust (Right)



Indicator Lights

Green: Optimal.
Red: Adjusting

**Seat Belt:
2-Point**

Model: YSR 511-2

**Manual Weight Adj.:
50–180 kg**



Weight Adj. Operation:

1. Slide snap button left to unlock.
2. Raise handle to increase weight.
3. Lower handle to decrease weight.

ATTENTION ITEMS

1. Never adjust the seat while the vehicle is in motion to prevent accidents.
2. When installing the seat, ensure all bolts are securely fastened to avoid seat loosening or shaking.
3. Always adjust the seat within its specified parameter ranges to prevent damage to its functions.
4. For seats with built-in air sources: do not inflate for more than 15 seconds continuously, and allow at least 1 minute between operations.
5. Inspect the seat regularly, including its functions, seatbelt lock mechanism, and its secure attachment to the vehicle.
6. Please note that the standard seat may have functional differences compared to the fully-equipped version; use the seat according to its actual configuration.

COMFORT THAT DRIVES PERFORMANCE

YSR Seating is your reliable partner for high-quality, durable and comfortable seating solutions. We are committed to creating greater value for our customers and building long-term success together.



SAFE & RELIABLE

Strict quality control ensures safety and reliability.



OPERATOR COMFORT

Ergonomic design improves comfort and reduces fatigue.



BUILT TO LAST

High-quality materials and rigorous testing for long service life.



PROFESSIONAL SUPPORT

Responsive service team provides timely and efficient support.



TRUSTED WORLDWIDE

Serving customers in more than **50+** countries and regions. We look forward to working with you and building a better future together!



50+

COUNTRIES & REGIONS



1000+

GLOBAL CUSTOMERS



15+

YEARS OF EXPERIENCE

CONTACT US

SHAANXI YISIRUI AUTO PARTS CO., LTD.

No. 1, JinYe 3rd Road, Hi-tech Zone, Xi'an, Shaanxi, China

sales@ysrseats.com

+86 29 81136503

www.ysrseating.com



SCAN TO VISIT
OUR WEBSITE

Thank You!

Let's build a more comfortable and successful tomorrow.

