

PRODUCT CATALOG

YSR511 SERIES

YSR511-3

MECHANICAL SUSPENSION SEAT

Engineered for comfort.

Built for durability.

Designed for the toughest jobs.



SUPERIOR COMFORT

Ergonomic design for
all-day comfort



MECHANICAL SUSPENSION

Excellent shock absorption
for smooth ride



BUILT TO LAST

High-quality materials ensure
long service life



WIDE APPLICATION

Ideal for various heavy-duty
machines and vehicles



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TECHNICAL DATA

YSR511-3 MECHANICAL SUSPENSION SEAT

YSR
SEATING

PRODUCT OVERVIEW

YSR511-3 mechanical suspension seat combines ergonomic design with durable construction to reduce fatigue and enhance operator comfort and productivity. It is the ideal seating solution for a wide range of heavy-duty machinery and industrial vehicles.

KEY FEATURES



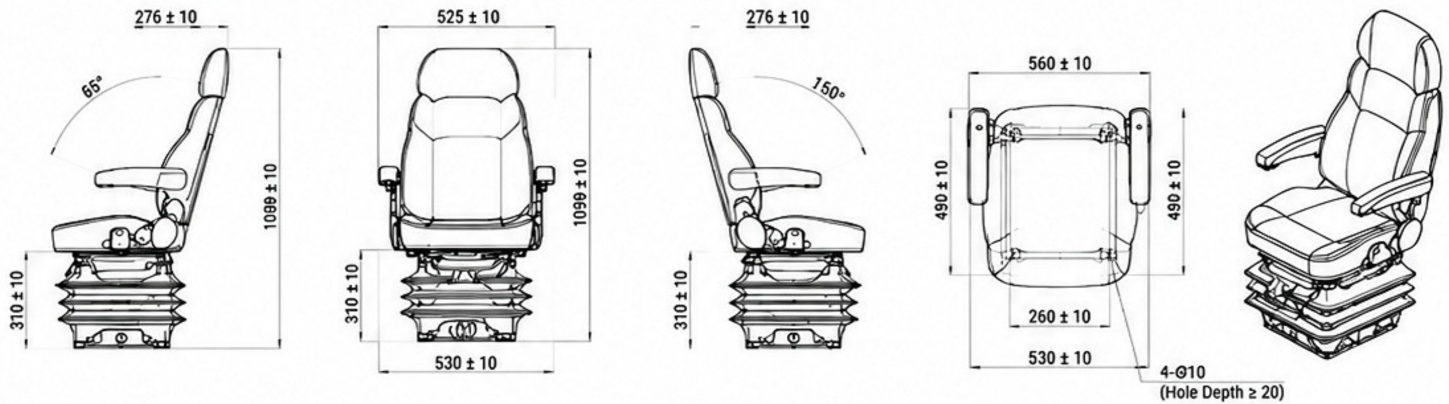
TECHNICAL SPECIFICATIONS

Suspension Type	Mechanical Suspension
Suspension Travel	80 mm
Height Adjustment	100 mm
Weight Adjustment	50 – 130 kg
Backrest Adjustment	65° – 150°
Seat Cushion Tilt	-3° – +10°
Seat Cushion Depth Adjustment	60 mm
Slide Adjustment	200 mm
Armrest Adjustment	0° – 90°
Shock Absorber	Adjustable
Seat Belt	3-point retractable
Optional Function	Seat Heater, Document Box
Net Weight	Approx. 43 kg
Application	Excavator, Loader, Crane, Mining, Forklift, Compactor

STANDARD & OPTIONAL CONFIGURATION

FUNCTION	STANDARD	OPTIONAL
Mechanical Suspension	●	
Weight Adjustment	●	
Height Adjustment	●	
Backrest Adjustment	●	
Adjustable Armrests	●	
Adjustable Slide Rail	●	
3-point Seat Belt	●	
Seat Cushion Tilt	●	
Seat Heater		●
Document Box		●
Lone Departure Warning System		●
Turntable		●

ENGINEERING DRAWING (All dimensions in mm)



NOTE:

1. Fore and aft adjustment travel 200 ± 10 ; 16 stops, each stop 12.5.
2. Fore/aft adjustment: Handle on right side.
3. Height adjustment: Up and down 100mm, 10 stops.
4. When the seat is adjusted to the lowest position, the air release stroke ≥ 50 mm.

5. Weight adjustment range: 50 – 130 kg.
6. Backrest adjustment: By handle on left side.
7. Options: Headrest, armrest, seat belt, seat heater, document box.
8. The installation dimensions of the seat meet ISO 7096.

SUITABLE APPLICATIONS



NOTES:

1. All dimensions are for reference only. Final dimensions are subject to actual products.
2. Seat installation should comply with the vehicle manufacturer's requirements.
3. Specifications are subject to change without prior notice.
4. Please contact YSR Seating for more customization options.

YSR
SEATING

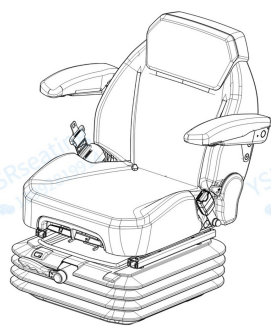
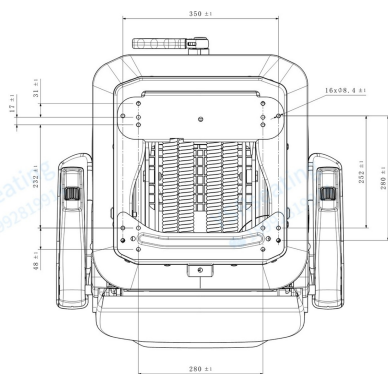
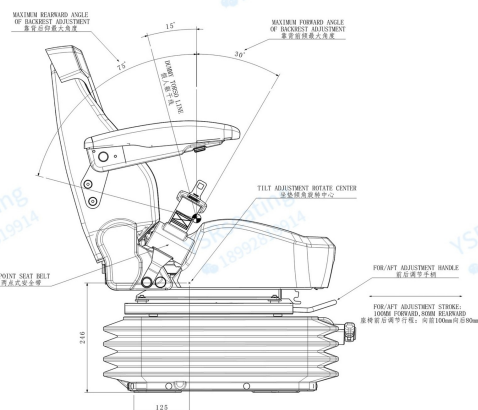
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A		INITIAL RELEASE		2026. 3. 9	
Rev		DESCRIPTION		ECN-DRAW-AUTHOR	
FINISH		/		MATERIAL	
Shaanxi Yisuirui Auto Parts Co., Ltd.		REGIST		/	
		PART DESCRIPTION		LOW BACK SEAT ASSY	
		CONFIDENTIALITY		000000	
CHARACTERISTICS		REV	IQ	DATE	REVISION
PROPERTIES		SIZE	1.0	DATE	1.0
UNIT		MM		DO NOT SCALE	
SHEET		1/1		1/1	



**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 511-3



**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

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Thank You!

Let's build a more comfortable and successful tomorrow.

