

YSR514-3P

AIR SUSPENSION SEAT

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

YSR514-3P air suspension seat combines advanced ergonomics with superior ride comfort to reduce fatigue and improve operator productivity.



AIR SUSPENSION

Air suspension system provides excellent shock absorption and a smoother ride.



AUTOMATIC WEIGHT ADJUSTMENT

Automatically adjusts to the operator's weight for optimal comfort.



PNEUMATIC LUMBAR SUPPORT

Adjustable lumbar support for better back support and reduced fatigue.



ADJUSTABLE SHOCK ABSORBER

Adjustable shock absorber to adapt to different road conditions.



OPTIONAL SEAT HEATER

Integrated seat heater option keeps you warm in cold environments.

IDEAL FOR



EXCAVATOR



LOADER



MINING



CRANE



FORKLIFT



COMPACTOR



www.ysrseating.com



sales@ysrseats.com



+86 18992819914

TECHNICAL DATA

YSR514-3P AIR SUSPENSION SEAT



PRODUCT OVERVIEW

YSR514-3P air suspension seat is designed for heavy-duty applications. With advanced air suspension technology, multiple adjustments and ergonomic design, it offers exceptional comfort, safety and durability for operators in tough working environments.

KEY FEATURES

Air Suspension

Automatic Weight Adjustment

Adjustable Backrest

Pneumatic Lumbar Support

Adjustable Armrests

Slide Rail Adjustment

3-point Seat Belt

Optional Seat Heater

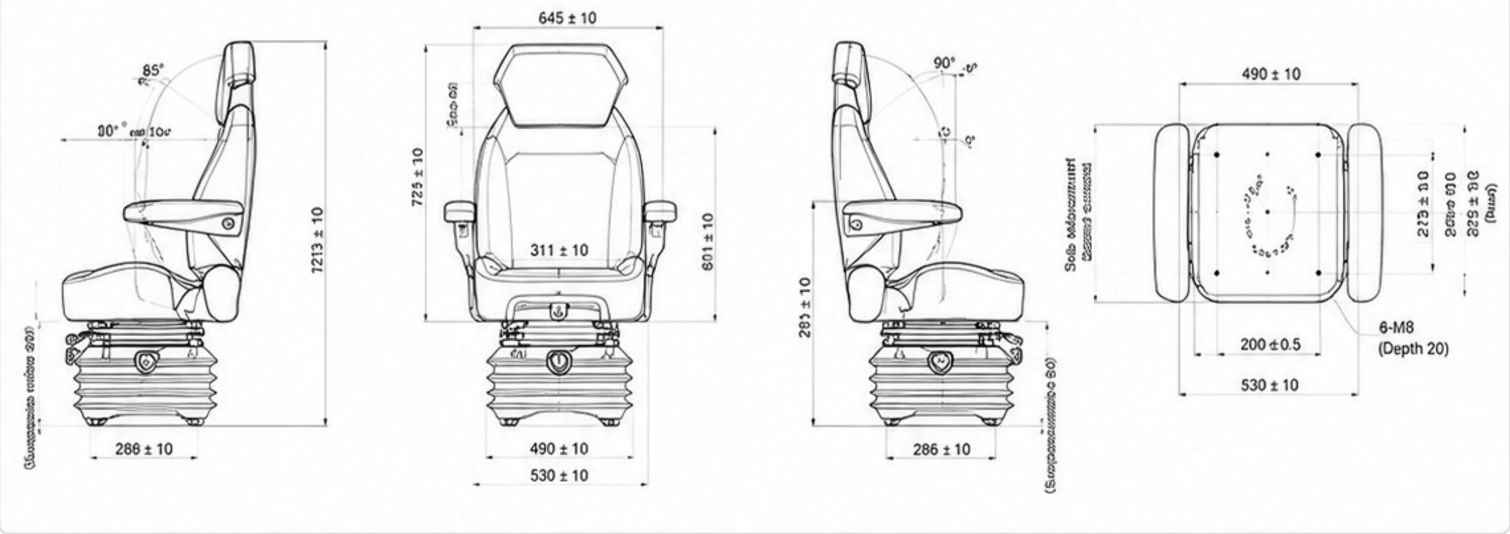
TECHNICAL SPECIFICATIONS

Suspension Type	Air Suspension
Suspension Travel	80 mm
Height Adjustment	100 mm
Weight Adjustment	50 – 130 kg
Backrest Adjustment	85° – 150°
Seat Cushion Tilt	-3° – +10°
Seat Cushion Depth Adjustment	-60 mm
Slide Adjustment	200 mm
Armrest Adjustment	0 – 90°
Shock Absorber	Adjustable
Pneumatic Lumbar Support	Yes
Seat Belt	3-point Adjustable
Optional Function	Seat Heater
Net Weight	Approx. 43 kg
Application	Excavator, Loader, Crane, Mining, Forklift, Compactor

STANDARD & OPTIONAL CONFIGURATION

FUNCTION	STANDARD	OPTIONAL
Air Suspension	●	
Automatic Weight Adjustment	●	
Adjustable Backrest	●	
Pneumatic Lumbar Support	●	
Adjustable Armrests	●	
Slide Rail Adjustment	●	
3-point Seat Belt	●	
Adjustable Shock Absorber	●	
Seat Cushion Tilt	●	
Seat Heater		●
Lane Departure Warning System		●
Turntable		●
Document Box		●

ENGINEERING DRAWING (All dimensions in mm)



SUITABLE APPLICATIONS

EXCAVATOR

LOADER

MINING

CRANE

FORKLIFT

COMPACTOR

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.



Shaanxi Yisirui Auto Parts Co., Ltd.

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



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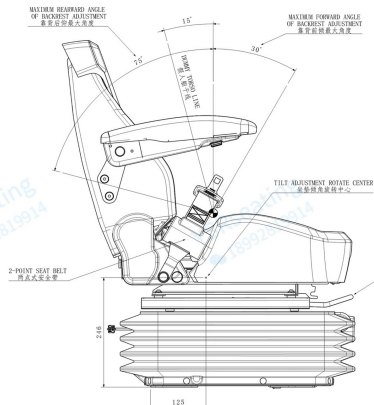
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SCAN TO VISIT
OUR WEBSITE



NOTES

1. SEAT IS DOWN AT MAX POSITION OF HEIGHT ADJUSTMENT AND TILT
2. SEAT IS DOWN AT MAX POSITION OF HEIGHT ADJUSTMENT AND TILT
3. SEAT IS DOWN AT A BACKREST ANGLE OF 15°
4. SEAT IS DOWN AT A BACKREST ANGLE OF 15°
5. 3.1, P. 15 IS REACHED TO 150 0353
6. SEAT IS DOWN TO 522625 AND POSITION HEAD ASSEMBLY
7. GENERAL THERMAL - 15.0, 0.0m
8. SEAT TILT INCREASE LOADS TO 150 06005, 256 2386, 0.0m (15N, 6000G)
9. SEAT TILT INCREASE LOADS TO 150 06005, 256 2386, 0.0m (15N, 6000G)
10. SEAT TILT INCREASE LOADS TO 150 06005, 256 2386, 0.0m (15N, 6000G)
11. SEAT TILT INCREASE LOADS TO 150 06005, 256 2386, 0.0m (15N, 6000G)

操作員在圖 1 中所示的姿勢下，將高度調整裝置及傾斜裝置調整到最大位置，並將椅背角度調整到 15°，然後將座椅高度調整到 150 0353，並將頭部裝置調整到 522625，然後將一般熱度調整到 15.0，0.0m，然後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)，然後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)，最後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)。

OPERATION INSTRUCTION

操作員在圖 1 中所示的姿勢下，將高度調整裝置及傾斜裝置調整到最大位置，並將椅背角度調整到 15°，然後將座椅高度調整到 150 0353，並將頭部裝置調整到 522625，然後將一般熱度調整到 15.0，0.0m，然後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)，然後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)，最後將座椅傾斜角度調整到 150 06005，256 2386，0.0m (15N, 6000G)。

1. INCREASE HEIGHT ADJUSTMENT -110.0, 0.0m INCREMENT

2. INCREASE TILT ADJUSTMENT -110.0, 0.0m INCREMENT

3. BACKREST ANGLE ADJUSTMENT -30.5° FORWARD TO 725 +5° REARMAN 6500

4. SEAT HEIGHT ADJUSTMENT -50.0, 0.0m INCREMENT (5 英寸 (每英寸每半英寸))

5. SEAT TILT ADJUSTMENT -5° TO 0° INCREMENT

6. SEAT TILT ADJUSTMENT -5° TO 0° INCREMENT

7. CUSHION SLIDE -1000M FORWARD-50.0, 12.0m INCREMENT 5 STOPS

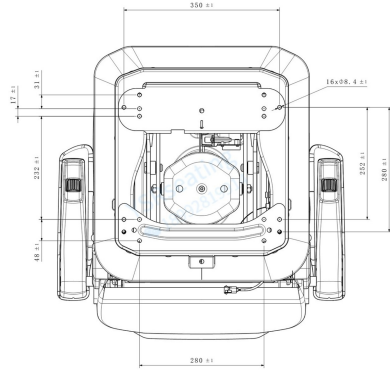
8. CUSHION SLIDE -50.0, 12.0m INCREMENT 5 STOPS

9. SEAT SLIDE -1000M FORWARD-50.0, 12.0m INCREMENT 5 STOPS

10. SEAT SLIDE -50.0, 12.0m INCREMENT 5 STOPS

11. SEAT SLIDE -1000M FORWARD-50.0, 12.0m INCREMENT 5 STOPS

12. SEAT SLIDE -50.0, 12.0m INCREMENT 5 STOPS



A		INITIAL RELEASE		2006.3.13	
Rev		DESCRIPTION		ECN-DATE-AUTH	
FINISH		MATERIAL		/	
		WEIGHT		/	
Shaunxi Particui, Ltd.		PART DESCRIPTION		LOW BACK SEAT ASSY	
COMP IDENTITY LIST		QWTS	QTY	DATE	000672
QWTS		QTY	DATE	2006.3.13	000672
CHARACTERISTICS					
-MGT		SCALE	1-4		
PROPERTIES		SIZE	mm	GRADE	A
UNIT		UNIT	mm	DO NOT SCALE	
 		SHEET No.		1/1	
21	22			23	24



Model: YSR 514-3P



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



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Thank You!

Let's build a more comfortable and successful tomorrow.

