

Driving comfort

High roof cab and totally flat floor, extremely spacious cab space, quiet and comfortable; Wide vision, electrically heated rear mirror, safer driving; High reliable AMT transmission with aluminum housing, and column-mounted shifter make it smooth operation; The airbag seat damping system fully filters the road impact; Handheld electric wire control lift, make it easier to operate.

Light curb weight

Chassis with lightweight design, new materials, structural topology optimization, the use of self-developed lightweight power swap device, the curb weight is at least 1 ton lower than that of competitors at the same level, less leaf spring suspension, highly reliable, lightweight

High IQ

The vehicle control system is SANY independently developed to support intelligent parking, intelligent load and gear matching, and multi gear ratio energy recovery scheme. The motor+ABS combined braking has high energy efficiency, a 12 inch intelligent network connected large screen, and full function display of vehicle operation status.

Long continued mileage

Precise energy management and control scheme, efficient energy recovery, ultra-low energy consumption (based on 90% of the total electricity capacity, flat hard paved road conditions, standard load of 49 tons, 350 degree batteries, 190km range)

Excellent performance

Strong power, excellent climbing and acceleration performance, maximum climbing > 30%, 0-30km/h acceleration time<4s; Equivalent to 3 million km full condition test, with higher road conditions, load and environmental adaptability. The large bore steering gear is matched with the dual source steering oil pump, which makes the steering easier and safer, and meets the requirements of complex and changeable steering conditions such as construction sites and mountain roads.

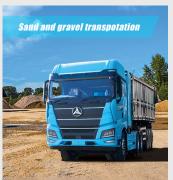
Fast energy supplement

The intelligent battery swap station automatically completes battery replacement in 5 minutes; Under the charging mode, 60% of the power is supplied by dual-gun fast charging for 30 minutes















Specification of E490AS 6x4 Composite Load

Vehicle model	JiangShan RHD composite load 6×4 EVE 350 battery-swapping mode electric Semi-trailer tractor			
Host code	KEV10000095			
Working Condition	Short distance transportation			
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Description				
Description	Jiangshan high-roof composite version 6 × 4 EVE 350 battery-swapping mode electric Semi-trailer tractor (LEGOn 490/5.571/all-Aluminum rim/Kormee ABS/front 3 rear 4/50#/12R22.5)			

Vehicle							
Vehicle	Performance and weight parameters	Drive mode	6×4				
		Wheelbase	3800+1350				
		Turning diameter(m)	<19				
		Curb weight(kg)	10800				
		Maximum Speed(km/h)	100 (speed limit)				
		Gross Combination Weight (GCW)/kg	50500				
Parameters	Overall Dimension	LxWxH(mm)	7345×2545×3715				
		Front overhang/rear overhang(mm)	1515/680				
		Approach angle/Departure angle (°)	16/37				
		Fifth wheel front distance (mm)	(900)				
		No-load the fifth wheel height	1370				
		from the ground (mm)					
		Minimum ground clearance	295				

Chassis system						
Frame	300*80*8_940-850	•				
The Fifth-Wheel	Jost	50#				
Front axle	HanDe	7.5t ●				
Drive axle	Fangsheng	FSH300/13T/drum/Single bridge/grind (ratio 5.571)				
	Differential lock	Interaxle differential				
		Interwheel differential				
Suspension	Front suspension	3 leaf spring ●				
	Rear suspension	4 leaf spring ●				
Brake	Front axle	Drum brake (410×160) − Air chamber (24')				
	Middle rear axle	Drum brake (410 × 220) − Air chamber (30')				
Tire	Model	12R22.5 ●				
	Brand	Goodyear				
Rim	Aluminum rim (POMLEAD)					
Auxiliary brake	Electric regenerative braking (tandem) – ABS					

Key Electric System							
Motor	Suzhou LEGO(Central drive)	TZ388XSLGE03	Rated/Peak Power 250/360kW				
			Rated/Peak speed1800/3000				
			Rated/Peak torque 1300/2800				
Motor controller	Inovance	KTZ61X38SSY01					
Transmission	FAST F6E240 (Central drive)	F6E240	6-speed				
Shifter	Column-mounted shifter (Adayo)	1	I				
Power Battery	EVE Battery	10C	350kWh				