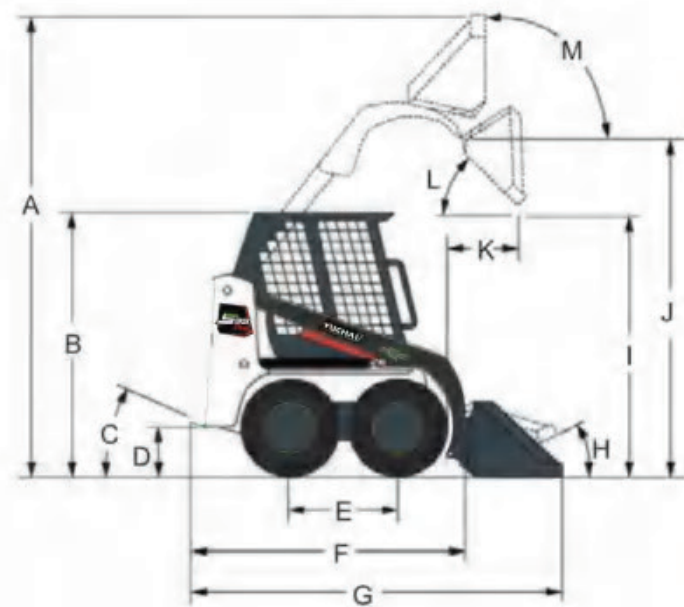


S35 Performance Parameters

Basic parameters		S35Pro S35Max
Machine Weight		1540 kg 1620 kg
Bucket capacity		0.29 m ³
Bucket width		1126 mm
Technical Specification		
Battery		Lithium Iron Phosphate
Rated power		9/3150+4×2/3500 kW/rpm
Max. torque/speed		70N·m/1500+4×36.8N·m/995 rpm
Battery capacity		21.29 kW·h 29.17 kW·h
Rated Operating Load		350 kg
Tipping Load		680 kg
System working pressure		20.5 Mpa
Flow Rate		33.7 L/min
Boom Breakout Force		8 kN
Bucket Breakout Force		9 kN
Max. travel speed(low gear)		0~10.5 km/h
Fast charge		1.5 hour Charging from 10% to 90%
Endurance		6~8 h 9~11 h
Drive System		
Wheel side motor driving		
Wheel side Auto Hold		
Operating parameters		
A Overall operating height		3245 mm
B Height to top of cab		1815 mm
C Dumping angle at maximum height		25/22°
D Ground clearance		141 mm
E Wheelbase		722 mm
F Overall length without standard bucket		1952 mm
G Overall length with standard bucket		2682 mm
H Maximum angle of flat ground		22°
I Unloading height		1850 mm
J Height to bucket hinge pin		2410 mm
K Loading distance at Max. unloading height		545 mm
L Dumping angle at maximum height		34°
M Rollback of bucket at full height		97°
N Bucket width		1126 mm
O Radius of gyration		1650 mm
P Track width		756 mm
Q Machine width		959 mm

Specifications are subject to change without prior notice .

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PLANT SALES LTD



Electric Skid Steer Loader
Lithium Iron Battery : 21.29 kWh

Standard endurance: 6~8h | 10 % → 90 % in 1.5 hours
 Machine Weight: 1540 kg | Max.traveling speed : 10.5 km/h
 Overall dimensions (L×W×H): 2682mm x 959mm x 1815 mm

S35 Pro

Yuchai - S35 Electric skid Steer Loader

► The Yuchai S35 is a pure electric skid steer loader specially designed for environmentally sensitive areas such as cities and parks. It is equipped with a high-efficiency electric drive system and a compact and flexible structural design. It not only achieves "zero emissions and low noise" environmental protection operations, but also has outstanding advantages such as multi-functionality, easy operation, and low maintenance costs. It is an ideal equipment for various application scenarios such as urban construction, municipal maintenance, agriculture and industry.

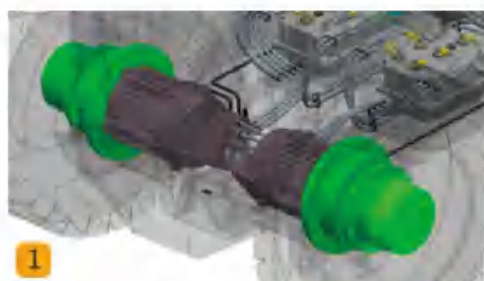
All-New Dedicated Electric Platform

► Developed from the ground up on an electric platform, it features an integrated layout for the battery pack, motor, and electronic control system. While accommodating a high-capacity battery (S35Pro -21.29kW·h)/(S35Max -29.17kW·h), it optimizes the overall center of gravity distribution, enhancing stability and maneuverability.

► The adoption of dedicated motors and transmission systems ensures precise power output matching for loader operating conditions (e.g., heavy loads, slope climbing), delivering higher efficiency.

1 Wheel-Side Drive Technology

► Yuchai pioneers wheel-side drive technology in compact construction machinery, featuring independent controllers and motors for each wheel. This enables separate control of hydraulic and travel systems with non-interfering power distribution. Torque remains consistent regardless of rotational speed, delivering robust power even at low speeds.



► Wheel side motor driving



Wheel-End Parking Technology

The S35 features integrated wheel-end parking functionality (AUTO HOLD). Combining mechanical brake discs with wheel-side motors, it provides dual parking modes with automatic hold capability. When stationary with the travel direction set to neutral, the brake automatically engages, enabling operators to work more safely.

Zero Emissions, Low Noise

► The S35 features a pure electric drive design. During operation, it eliminates the roar of diesel engines and unpleasant odors, with significantly lower noise levels. For agricultural users, especially those in the livestock farming users, this machine creates a more comfortable environment for both operators and animals.

Battery capacity increased by **40%**

Wheel side motor driving

Wheel side **AUTO HOLD**

Traction force increased by **18.8%**

Operation stability increased by **7.5%**

Battery life increased by **32%**

360° rotation function in place

Saving **90%** on fuel costs

Zero maintenance 2000 hours



► One machine with multiple uses, compatible with various attachments, meeting the application requirements of multiple scenarios.

High-Capacity LFP Battery

► Via its inverter, the machine transforms into a large power bank capable of **220V/10A** output to support various electric tools. With **5,000** charge cycles (equivalent to 16 years of service) and **≤6%** performance degradation over **8 years**, its intelligent overload protection safeguards the battery/motor system. Yuchai further backs the battery with a **5-year** warranty, eliminating traditional engine reliability concerns.

Stable and Reliable Battery, Motor & Control System

► The S35 shares identical battery and electronic control systems with Yuchai's S35 skid steer loader. Its supply chain leverages top-tier enterprises from China's EV industry. Having undergone rigorous long-term testing in China's demanding operational environments, the electrical systems of both S35 loaders and S35 skid steer loader have proven their stability and reliability.



Yuchai-S35^{Pro} Electric Skid Steer Loader

90% Lower Operating Costs Than Conventional Fuel-Powered Models

► By adopting a pure electric direct-drive design, the S35 eliminates traditional engine + gearbox transmission systems. With in 2,000 operating hours, its combined operating and maintenance costs are 90% lower than diesel equivalents (calculation based on China's electricity and fuel prices).



Convenient and Rapid Charging

► The S35 offers dual charging options: **220V/16A** (standard) and **380V/32A** (rapid charging, optional), with charge ports configurable to European, American, or Chinese standards. In standard mode, replenishing power requires only connection to mains electricity. When using rapid charging equipment, it achieves 10%-90% SOC recharge in just 1.5 hour.

Premium Canopy

Where safety meets comfort

Ergonomically Engineered Canopy

► Based on extensive feedback from European users, the Seat Index Point (SIP) has been precisely calibrated to ensure optimal driving comfort.

1 The **FOPS/TOPS/ROPS canopy** ensures the driver's safety.

2 **Humanized cab**: Safety protection, comfortable driving operation, wide field of vision. It can be equipped with safety glass. The fully enclosed cab has better dust-proof and soundproof effects.

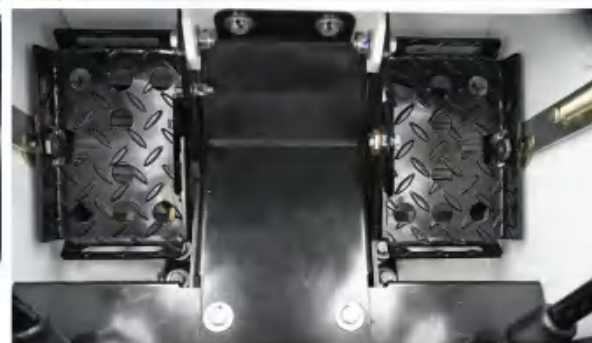
Ergonomic seat: Shock-absorbing design, no fatigue even after long hours of work.

Color LCD display: Touch screen control, simple operation, enhancing the control experience.

Rear camera () : Enhances the driver's field of vision and sense of security.

Color LCD display

Concise user interface



► Rear camera

► Wide and comfortable foot space

► left/right joysticks

FOPS/TOPS canopy

handrail

widened seat safety rail

操纵杆

悬浮座椅

► Large windows for all-round visibility and safe work



Simplified Maintenance Design

- ▶ The S35 incorporates a large-opening maintenance design, allowing access to the power and equipment compartments in just a few simple steps. This provides direct access to batteries, controllers, pumps, and motors, making machine maintenance simpler and more time-efficient. A major advantage of electric machinery is significantly reduced overall maintenance compared to diesel-engine machines.
- ▶ Unique cab tilt design provides easy access to major components for simplified maintenance.

Maintenance advantages compared to diesel engines

- ▶ More than 40% reduced maintenance work.
- ▶ No regular oil changes/filter replacements.
- ▶ Reduced downtime, Significantly lower operating costs.



02 Quick Coupler Plate



03 Reinforced Cutting Edge



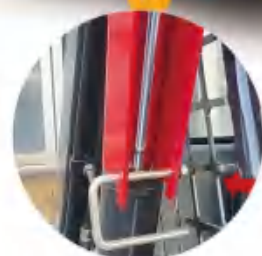
02 Coupler Locking Mechanism



04 Reinforced Cutting Edge



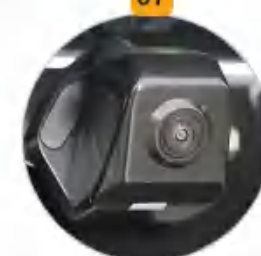
Gear Oil Filler Port



Safety Support Plate



External discharge



Rear camera (optional)



Position light (LED) (optional)



Grease Gun Holder



10 Lifting Holes (4 pcs)



Chassis & Safety Systems

- ▶ The entire vehicle is made of high-strength structural steel, which has strong impact resistance and is more suitable for harsh working conditions.
- The battery pack features multiple safety protections: dust-proof, water-proof, short-circuit-proof, and impact-proof, meeting the IP67 standard.
- The automatic braking system and operation locking device enhance operational safety.

Safety extensions

Automatic braking system (AUTO HOLD)

Actuation lock against unintended use

Electronic fence(optional):

Effectively reminds of avoidance and ensures construction safety.

Rear camera(optional):

Enhances the driver's field of vision and sense of security.

Intelligent diagnosis system:

Fault information can be read through the display screen for precise and rapid maintenance.

Equipment

- ▶ Standards and requirements for special equipment vary by country.
- ▶ For more details on equipment options, please feel free to contact us.

Component Part	Description	Standard	Optional
Drive system	Wheel side Drive Technology	•	
	Wheel-Side Parking Technology (AUTO HOLD)	•	
Cabin/Canopy	Fully Enclosed Cabin with glass and door		•
	ROPS	•	
	Intelligent Touch Screen	•	
	Suspension Seat	•	
	Joystick control		•
	Fan	•	
	Electric Air Conditioner or PTC Heating Module		•
Safety protection	High-Strength Steel Body (Impact Resistance +30%)	•	
	Safety Bar	•	
	Emergency Stop Device	•	
	Operation Locking Device	•	
	Ramp Protection (Hill-Start Assist HSA + Automatic Hill Hold AHH + Over-Temperature Protection)	•	
	Active Safety (CAN Bus BUS-OFF Protection Mechanism + Over-Temperature Protection)	•	
	In-Line Warning Light		•
	Reversing buzzer alarm	•	
	Rear Camera		•
	Charging Detection	•	
Battery system	Dual-Capacity Battery (21.29kWh)	•	
	Dual-Capacity Battery (29.17kWh)		•
	Energy Recovery System	•	
	Standard Charger	•	
	Fast Charger		•
Remote control	Remote Control function		•
	GPS		•
Lighting	LED Work Light	•	
Options	Quick coupler	•	
	Standard Bucket	•	
	Fork		•
	Industrial Grapple		•
	Angle Sweeper		•
	Closed Sweeper		•
	Drill Tool		•
	Snow Blower		•



▶ Industry Grapple



▶ Pallet Fork



▶ Angle Broom



▶ Closed Sweeper



▶ Auger

Attachments

The perfect attachment for every job.

- ▶ Turn your machine into a true all-rounder.
- ▶ The right attachment transforms your machine into a powerful, versatile solution for any task.

