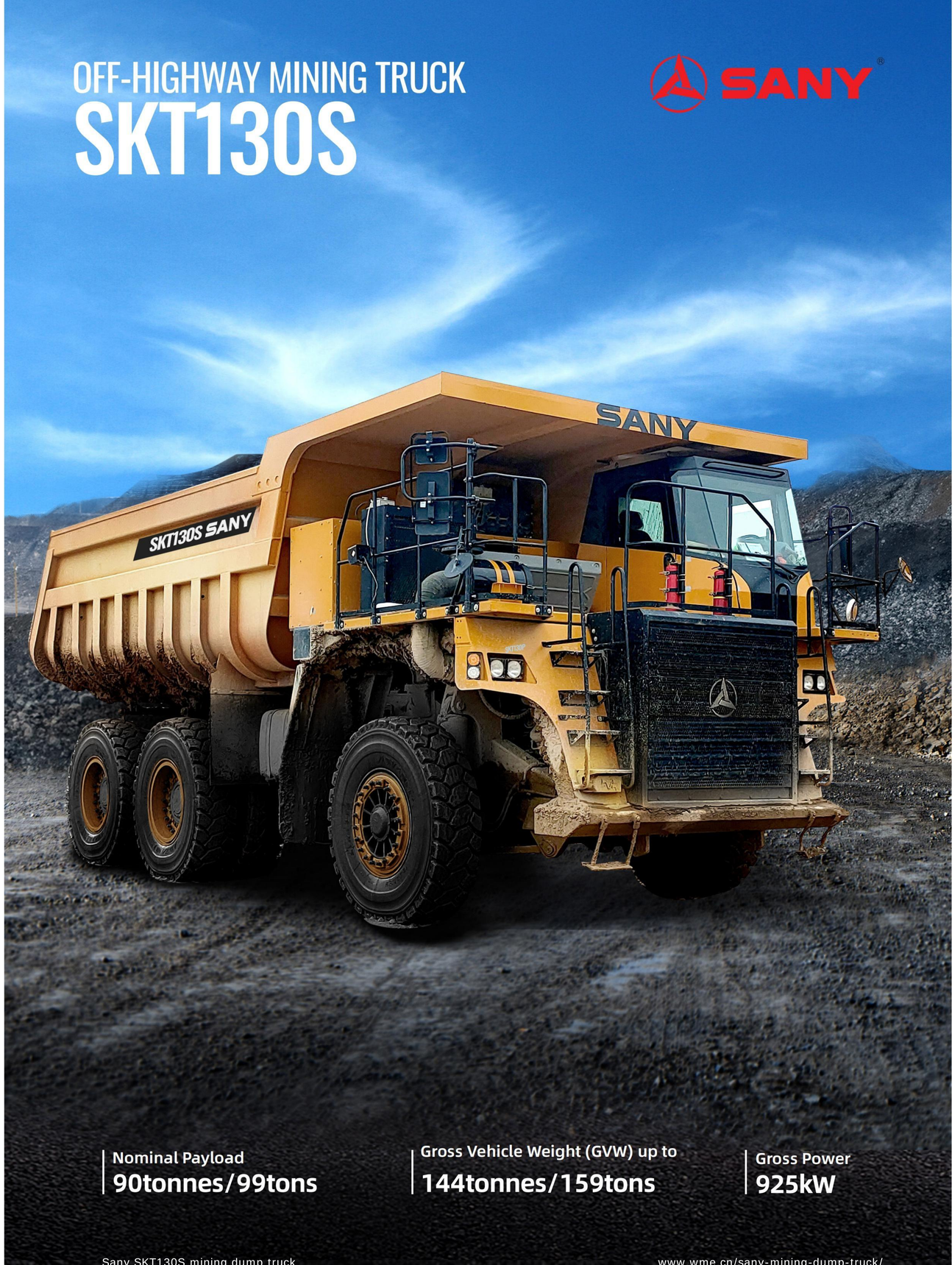
Optional Equipment	Note
ASR	Traction control system
Tire pressure monitor	Realtime tire pressure and temperature monitoring
Fast fuel fill	Rapid refueling saves time and cost
Automatic lubrication system	For regular grease filling in a specified amount
Automatic weighing system	Real-time loaded weight monitoring
Full LCD instrument cluster	Clearly displaying the data content
12.1” touch screen	Large-screen display for convenient operation

OFF-HIGHWAY MINING TRUCK
SKT130S



Nominal Payload
90tonnes/99tons

Gross Vehicle Weight (GVW) up to
144tonnes/159tons

Gross Power
925kW

Sany SKT130S mining dump truck www.wme.cn/sany-mining-dump-truck/

Technical Data

Overall Parameters	Unit	Value
Overall dimensions: L × W × H	mm/in	11,500×5,750×4,950(9,910) 453×226×195(390)
Wheelbase	mm/in	4,150/163
Front track width	mm/in	3,450/136
Rear track width	mm/in	3,220/127
Ground clearance	mm/in	450/18
Max. steering angle of front wheels	°	40
Min. steering radius	mm/in	13,000/512
Gross power	kW/hp	565+140+220 /758+310+450
Battery capacity	kW/h	128
Max. speed	km/h/ mph	50
Max.Gradeability	%	>30
Struck SAE	m^3/yd^3	50/66
Heaped SAE 2:1	m^3/yd^3	61/80
Axle	t	35+55+55

Weight Distribution

Axle Capacity	Front Axle	Rear Axle
Unloaded	42%	58%
Loaded	21%	79%

Fluid Capacities

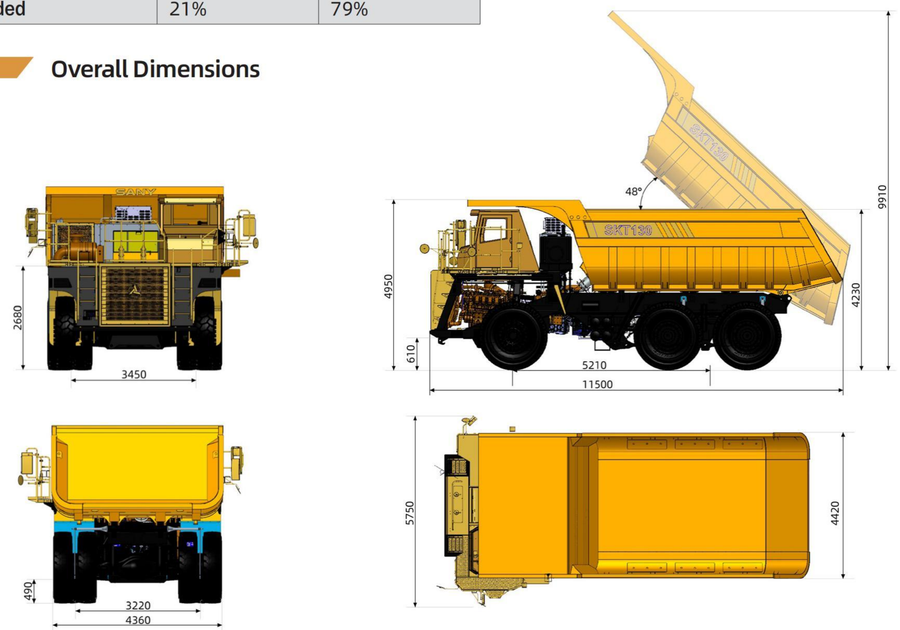
Fluid Capacities	L
Engine (engine oil)	44
Cooling system (antifreeze)	85
Hydraulic oil tank (hydraulic oil)	290
Intermediate/rear axle (gear oil)	216
Transmission (transmission oil)	34
Motor - battery (coolant)	30

Weight Parameters

Item	kg	lb
Net weight	54,000	119,050
Rated payload	90,000	198,416
Max. gross weight	144,000	317,466

* The maximum gross vehicle weight (GVW) includes optional equipment, all accessories, fully filled fuel tank, loadings, etc; Overload will seriously deteriorate the lives of the components and the truck!

Overall Dimensions



Dimension Unit:mm

* Dimensions may vary due to different configurations.
The specific parameters are subject to actual conditions.

Main Configurations

Engine

- Model: Weichai WP17G770E304;
- Type: high pressure common rail, turbocharged intercooled;
- Rated power: 565kW/1900rpm;
- Max. torque: 3000Nm/1200rpm ~ 1600rpm;
- Number/type of cylinders: 8/V shape,turbocharged;
- Cylinder bore × stroke: Φ127mm×165mm/Φ5''×6.5'';
- Displacement: 16.72L.

Drive Motor

Electric drive system	Rated/peak power kW	Rated/peak torque Nm	Max. speed rpm
IM	140/310	900/2,300	3,600
TM	220/450	1,100/2,500	3,600

Brakes

- Front brake: Single caliper disc brake;
- Intermediate/rear brake: Double caliper disc brake;
- Brake disc diameter: 680mm(26.8'');
- Service brake: Front/rear independent double-circuit air brake system, with large-capacity air reservoir and large displacement air brake valve for short brake response time;
- Parking brake: spring applied;
- Loading brake: switch control;
- Maximum power of electric braking: 560kW(751hp);
- Maximum rated power for continuous braking: 250kW(335hp);
- Electric retarder brake, parking brake and standard reversing brake;
- The brake system conforms to ISO 3450.

Steering

- Idependent hydraulic steering with closed-center steering valve, pressure compensating piston pump and accumulator. Accumulator provides uniform steering regardless of engine speed. In the event of loss of engine power, it provides emergency power to system for steering;
- Min. turning radius: 13,000mm;
- The steering system meets the SAE1151/5010 standard.

Tires

- Standard: 18.00R33;
- Specification of wheel rim: 33-13.00/2.5;
- Under certain working conditions, TKPH(ton-Km/h) capabilities of standard tires could be exceeded. Please kindly consult tire manufacturers for optimum tire selection.

Frame

- Dual variable-section box structures welded from high-strength alloy steel plates and steel castings, integrated with the FOPS/ROPS structures to achieve excellent bending capacity, strong distortion resistance, endurant impact ductility and extended life.

Suspension

- Independent front suspension. The smaller swing arm motion reduces the lateral displacement of tires and prolongs the lives of tires. It features extended life and maintenance period.
- Front suspension travel: 160mm (6.3 in);
- Rear suspension travel: 140mm (5.5 in).

Hoist

- Independently hydraulic system with retarders at limiting positions. Two 3-section hoist cylinders are mounted on both sides of the frame rails to keep stable of body while raises the body.
- Body hydraulic pump flow rate: (1,900rpm)323L/min (85USgal/min);
- Liftings 20s, Loweringss 19s.

Body

- The body is U- structure. The side plates are constructed from extra wide high tensile strength abrasion-resistant steel. The body is highly impact resistance and needs lower load height. Tilted angle 48°;
- Standard thickness: Floor: 16mm; Side: 10mm; Front: 10mm;
- Struck: $50m^3(66yd^3)$;
- Heaped 2:1 (SAE std): $61m^3(80yd^3)$.

Cab

- FOPS/ROPS certified. Equipped with integral four-pillar tipping protection design, adjustable cushioned seat, luxury upholstery, and tiltable and telescopic steering wheel to provide a comfortable operating space;
- The cab conforms to the requirements of ISO 3471. The cab provides a sound exposure Leq (equivalent sound level) of less than 78 dB(A) when tested with doors and windows closed.