

SANY Mobile Scalper

Hydraulic Version

SS15PD Series

450 t/h

Fully hydraulic driven

Engine direct-driven gear pump set, equipped with imported hydraulic components, high-efficiency hydraulic system design for higher efficiency and lower oil consumption

Chain plate feeder

The chain plate feeder features all material contact surfaces designed with abrasion-resistant steel plates, ensuring longer life and greater reliability.

Intelligent control

Intelligent touch screen control panel with one-button start and stop for simpler operation, remote monitoring, and online upgrades.

Efficient screening

Double-layer heavy-duty screen box with a single layer effective screening area of up to 7.5 square meters. Features a heavy-duty vibrator design with a screening capacity of up to 450 tons/h.

Intelligent mobility

Wireless remote control with multiple speed settings adjustable

Hydraulic lifting

Both the feed and discharge ends of the vibrating screen can be hydraulically lifted, providing ample maintenance space. Additionally, the discharge conveyor hydraulically folds in multiple stages, allowing for a smaller transportation size.



Application scenarios: construction solid waste, tailings treatment,

and riverbed mud and stone separation

Compatible with mobile impact crusher and mobile cone crusher for the pre-screening of raw materials. Operates independently to sort and remove impurities from raw materials.

Technical Parameters

SS15PD Series

S/N	Main Parameters	Unit	Values		Remarks
1	Parameters of the complete machine				
	Maximum processing capacity	t/h	450		Depending on raw material characteristics
	Total weight	T	39		—
	L × W × H (transportation)	mm	15580 × 3200 × 3550		—
2	Power system				
	Brands	—	Cummins		—
	Emission grade	—	CN Phase III	EU Stage V	—
	Rated power	kw/rpm	97/2200	100/2200	
	Hydraulic driven	—	Gear pump unit		Imported/domestic optional
3	Screening system				
	Number of sieve layers	layer	2		—
	Length × width	mm	4850 × 1550		—
	Screen configuration	—	Modular top sieve plate: grate plate, needle-shaped sieve plate, punched sieve plate and woven screen		Optional according to requirements
	Rotating speed	rpm	1000		—
4	Traveling system				
	Driven	—	Traveling system		Imported motor and gear pump
	Traveling speed	Km/h	0.75		Adjustable at low speed
	Maximum climbing angle	Degree	10°		
	Track tread × left and right center distance	mm	3850 × 2450		
5	Operation mode				
	Operation screen	—	Touch screen		
	Remote controller	—	Wireless		

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