

SCSM1860

SANY Mobile Screening Plants

Diesel+Electric Hybrid

It is equipped with imported generator set, the diesel generator can be selected or the mains power can be connected according to working conditions, which is powerful and energy-saving.

Efficient Screening

Three-layer large sieve, with single-layer effective screening area up to 10.8m² for efficient screening

Screening Drive

The double side plates are driven with motors, which is stable, reliable and simple in maintenance.

Intelligent Operation Control

Smart touchscreen control panel, one-key start, easier operation

Intelligent Traveling

Excavator chassis, wireless remote control and stepless speed regulation

Hydraulic Lifting

Vibrating screen, main belt conveyor and fine material belt conveyor can be lifted/lowered hydraulically, which provides enough space to replace the sieve.

Flexible Matching

It can be reasonably matched with mobile crushing equipment such as mobile impact crusher and mobile cone crusher, and the sieves can be configured on demand to create maximum value for customers.

Technical Parameters

S/N	Main Parameters	Unit	Value	Remarks
Machine Parameters				
1	Maximum processing power	t/h	300	Depends on the characteristics of the raw materials
	Total weight	T	35	-
	L × W × H (transportation)	mm	15500 × 3600 × 3800	-
Screening System				
2	Number of sieve layers	Layers	3	-
	L × W	mm	6000 × 1800	-
	Power	kW	2 × 7	-
Main Conveyor Belt				
3	Belt width	mm	1200	-
	Power	kW	11	-
Transfer Conveyor				
4	Belt width	mm	500	-
	Power	kW	3	-
Oversized Material Conveyor				
5	Belt width	mm	650	-
	Stacking height	mm	3100-3500	-
	Power	kW	5.5	-
Large Material Conveyor				
6	Belt width	mm	650	Including final screening system
	Stacking height	mm	3500	Including final screening system
	Power	kW	5.5	

S/N	Main Parameters	Unit	Value	Remarks
Medium Material Conveyor				
7	Belt width	mm	650	-
	Stacking height	mm	3500	-
	Power	kW	5.5	-
Fine Material Conveyor				
8	Belt width	mm	1200	-
	Stacking height	mm	4000	-
	Power	kW	7.5	-
Power System				
9	Generator set	kW	80	Diesel+Electric Hybrid
	Brand	-	Volvo/Cummins	-
Traveling System				
10	Power	kW	37	
	Traveling speed (high/low)	km/h	0.9/0.4	
	Maximum climbing angle	Degree	9°	
	Track tread × distance between left and right centers	mm	3850 × 2500	Crawler chassis for Sany excavator
Operation Mode				
11	Operation screen	-	Touch screen	
	Remote control	-	Wireless	
	Remote online upgrade	-	Available	Including online services, online troubleshooting and online program upgrade

Typical Scenarios and Solutions

Municipal solid waste and construction waste crushing & screening line



Mobile Impact Crusher

Mobile Screening Plants

Medium-soft solid waste crushing & screening line, including construction wastes, and other solid wastes from railway, highway and other infrastructure (below 150Mpa)



Mobile Jaw Crusher

Mobile Impact Crusher

Mobile Screening Plants

Medium/high-hardness solid waste crushing & screening line, including solid construction wastes, and other solid wastes from railway, highway and other infrastructure (below 300Mpa)



Mobile Jaw Crusher

Mobile Cone Crusher

Mobile Screening Plants



Choose SANY and enjoy lifetime

Brand Guarantee of Sany Group

Sany Group is the world's leading equipment manufacturing enterprise, the largest construction machinery manufacturer in China and the third largest in the world, and the world's largest concrete machinery manufacturer. In 2015, it was enrolled into the first batch of pilot demonstration enterprises of "intelligent manufacturing" in China by the Ministry of Industry and Information Technology.

Intelligent Manufacturing Lean Production

The essence of Sany equipment lies in high reliability. Sany introduces the world's leading lean manufacturing process, implements a deviation elimination standard of 1/10000, and strives for excellence in every process, with an aim to making every product perfect.

The World's Top R&D Strength

SANY spends about 7% of its annual sales revenue on R&D. It runs a national technology development center and a post-doctoral mobile workstation. It has applied the most patents in the industry and has won five national science and technology awards.

Marketing Services Around the World

SANY operates in more than 150 countries and regions around the world, including more than 30 marketing service companies, more than 500 marketing service network points, and more than 6,000 top salespersons nationwide.

Whole Industry Chain Financial Services

SANY Finance can provide mortgage loan services for customers who purchase new equipment from SANY. This one-stop and whole-process financial service system can keep you worry-free.

Customer First and Perfect Service

In order to improve the installation and delivery quality of products and enhance the customer satisfaction, Sany has specially formulated a "perfect delivery" program for customers.

