

HENAN SINOROADER HEAVY INDUSTRY CORPORATION



RAP Crushing & Screening Plant

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ABOUT US

HENAN SINORoader HEAVY INDUSTRY MACHINERY MANUFACTURING CO.,LTD,WE ARE LOCATED IN ZHENGZHOU CITY OF HENAN PEOVINCE,WHICH IS NOT ONLY ONE OF THE LARCEST INDUSTRIAL ENTERPRISE GROUPS OF CHINA BUT AL SO ONE OF THE KEY ENTERPRISES IN CHINA'S CONSTRUCTION MACHINERY INDUSTRY.OUR TOTAL ASSETS AMOUNT TO ABOUT RMB1.2 BIL-LION;WE HAVE ABOUT 1200 EMPLOYEES:OUR COMPANY COVERS A GROSS AREA OF MORE THAN 80,000M²

RAP Crushing & Screening Plant

Sinoroader | RAP Breaking and Screening System

The crushing and screening system is a mechanical equipment which screens the RAP materials recovered or milled by mechanical excavation according to the specifications. Then the materials which didn't pass the standard will be sent to the second stage crusher for crushing and then screening.



Features:

- (1) Floating double-roller crushing, effectively preventing large-scale RAP materials from causing instantaneous equipment failure;
- (2) Staggered wear-resistant tooth plates effectively break up RAP materials without sticking;
- (3) High-frequency vibrating mesh screen combined with anti-blocking mesh screen technology to effectively solve the fine aggregate adhering mesh screen;
- (4) Mobile finished belt conveyor to facilitate the stacking of finished materials.



RAP Crushing & Screening

Plant Working Process

For the oversized RAP material obtained by mechanical digging, it is crushed by a first-stage roller crusher, and then sieved into a vibrating screen. The sieved materials are divided into two or more kinds of stacked,super-standard RAP materials. After being crushed by a secondary roller crusher, it is sent to a vibrating sieve through a belt conveyor for screening, and is reciprocated until it is broken into qualified RAP materials.



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Plant Working Process

For the milled RAP material, it can be directly loaded from the cold silo, into the vibrating screen for screening, and the sorted materials are sorted and stacked. The oversized RAP material is crushed by a roller crusher, sent to a vibrating screen through a belt, and reciprocated until it is broken into qualified RAP materials.



RAP Crushing & Screening

Plant Advantages

- (1) All-electric control, simple control principle, easy to operate and low cost;
- (2) The screening unit adopts a vibrating screen suitable for the characteristics of RAP, and selects a blocking screen with square holes to reduce the phenomenon that asphalt milling planer is easy to stick and block;
- (3) The breaking unit adopts double-toothed roller crusher, large crushing ratio (5-8), low noise, simple structure, convenient maintenance, safety and reliability, etc.

	Device Name	Model	Power(KW)	Quantity
1	Cold Feed	GZD3000*950	4.4	1
2	Belt Conveyor	B800-23000	11	1
3	First Stage Roller Crusher	2PGC1200*900	90	1
4	Second Stage Roller Crusher	2PGC900*900	74	1
5	Vibrating Screen	2YK1860	18.5	1
6	Belt Conveyor	B650-20000	5.5	1
7	Mobile Belt Conveyor	B500-15000	9.5	2
8	Steel Frame			1 Batch
9	Structural Parts (Inlet, Discharge Hopper, Distributor, Chute, etc.)			1 Batch

PROJECT CASE



240TPH Asphalt Batch Mix Plant Running Smoothly in Uzbekistan



120TPH Asphalt Plant in Malaysia Won Client' s Praise



LB Asphalt Batch Mixing Plant in Nigeria



(RAP)Recycle/ Reclaimed Asphalt Plant in Peru

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RAP Crushing & Screening Plant in Ethiopia



ELB1500 Environmental-friendly Asphalt Mixing Plant in Australia



First LB1500 Asphalt Batch Mix Plant Successfully Erected in Thailand



MDHB20 Asphalt Drum Plant in Kenya Successful Installed

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