HENAN SINOROADER HEAVY INDUSTRY CORPORATION

(RAP)Recycle/ Reclaimed Asphalt Plant
HENAN SINOROADER HEAVY INDUSTRY CORPORATION

ABOUT US

HENAN SINOROADER HEAVY INDUSTRY MACHINERY MANUFACTURING CO., LTD, WE ARE LOCATED IN ZHENGZHOU CITY OF HENAN PROVINCE, WHICH IS NOT ONLY ONE OF THE LARGEST INDUSTRIAL ENTERPRISE GROUPS OF CHINA BUT ALSO ONE OF THE KEY ENTERPRISES IN CHINA’S CONSTRUCTION MACHINERY INDUSTRY. OUR TOTAL ASSETS AMOUNT TO ABOUT RMB1.2 BILLION; WE HAVE ABOUT 1200 EMPLOYEES. OUR COMPANY COVERS A GROSS AREA OF MORE THAN 80,000M².
**Main Features:**

1. **Saving fuel:** high performance burner, full combustion; optimized drying drum, hot air recycled before exhaust, higher heat utilization rate;

2. **Minimal pollutants:** asphalt fumes and harmful gas recycled into drying drum and burn again, reducing harmful fume emission; multi-stage dust collecting system, reducing dust emission;

3. **Full automatic control:** by the computer on the air flow through the control of the dampers and the temperature monitoring by the thermometer at various positions, bringing the recycled material to the ideal temperature for the mixing with the virgin material; avoiding aging asphalt or asphalt burning;

4. **Recycled asphalt proportion:** reaches up to 50%.

RLB Series adds hot recycled equipment on LB Series; by using hot recycling technology, recycled old mixtures (RAP) are conveyed into mixer and mixed with aggregate and filler to produce new finished mixture with good quality. RLB Series can fully make use of old mixtures, save fuel and material, reduce pollution and waste, bring better economic and environmental benefits for clients. On the basis of many years of experience in construction experience and absorbed advanced experience at home and abroad, SINOROADER Asphalt Recycling Mixing Plant (RAP) series has solved the big problem of adhesion which the asphalt regenerated material in the recycling operation for the normal additional asphalt though independent innovation research and development.

**Sinoroader | (RAP)Recycle/ Reclaimed Asphalt Plant**

SINOROADER Asphalt Recycling Mixing Plant series has improved the cohesion of recycled asphalt through independent innovation research and development.

[Image of recycling equipment]
(RAP)Recycle/ Reclaimed Asphalt Plant

**Sinoroader | RAP Feeder**

All silos are equipped with belt feeders controlled with the frequency converting motor, which can realize single silo adjusting and entire silos proportioning adjusting, ensures measuring precision and low energy consumption. Tail and directive wheels are specially designed self-cleaning type. A vibrator on sand bin wall ensures feeding reliability. The rubber is covered on the surfaces of driving wheels to prevent wheel-spin.

**Sinoroader | RAP Elevator**

The hot elevator is used for feeding aggregate to screens. The housing is fully-enclosed and dust-proof, which can protect the integrity of the dried aggregate. The steel buckets with reinforced edge are set to convey the aggregate. The chain of it is wear-resistant, so it can prolong service life.
**Sinoroader | RAP Dryer Drum**

The drying drum of the recycled material is specially designed to prevent the mixture from sticking. The external insulating layer and the specially designed blades ensure that maximum heat is transferred to the aggregate. The thermal efficiency is high and the exhaust temperature at the end of the cylinder is below 120 degree. The world advanced burner is adopted. The usable fuel includes diesel, heavy oil, residual oil, gas, coal and so on. All components of the advanced in-fared temperature measuring and controlling system are imported from famous overseas companies to ensure the temperature control accuracy and reliability.

<table>
<thead>
<tr>
<th>Model</th>
<th>RAP60</th>
<th>RAP80</th>
<th>RAP120</th>
<th>RAP160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (RAP process)</td>
<td>60 t/h</td>
<td>80 t/h</td>
<td>120 t/h</td>
<td>160 t/h</td>
</tr>
<tr>
<td>Fuel Consumption</td>
<td>Coal: 13<del>15 kg/t; Diesel: 6</del>8 kg/t</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matched asphalt plant and max. RAP proportion</td>
<td>130 kW</td>
<td>170 kW</td>
<td>230 kW</td>
<td>280 kW</td>
</tr>
<tr>
<td>LB1200</td>
<td>50%</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>LB1500</td>
<td>40%</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>LB2000</td>
<td>30%</td>
<td>50%</td>
<td>/</td>
<td>/</td>
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<tr>
<td>LB3000</td>
<td>/</td>
<td>33%</td>
<td>50%</td>
<td>/</td>
</tr>
<tr>
<td>LB4000</td>
<td>/</td>
<td>25%</td>
<td>37%</td>
<td>50%</td>
</tr>
</tbody>
</table>
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
HENAN SINOROADER
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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 Successfully Installed
HENAN SINOROADER
HEAVY INDUSTRY CORPORATION

Add: Longxiang Industrial Park, Weidu District, Xuchang, HeNan, China

Tel: +86-371-65825868

WhatsApp/Wechat: +86 181 3785 8347

Email: info@sinoroader.com

Website: www.sinoroader.com or www.asphalt-mix.com