



Feature *Ultra strong separation capacity*

Wet concrete recycling machine

national patented technology, with the flow of 40m³/h.

Sand-gravel separation vibrating screen

national patented technology, with anti-blocking design.

Hydro-cyclone separation system

national patented technology; particles of above 0.075mm can be separated, with the efficiency > 90%.

Arc groove for vehicle washing

national patented technology; the problem of material discharging is solved.

Thorough separation

Silt content in the discharging material is less than 1%, and the water content is less than 7%.

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Wet Concrete Recycling System

High efficiency and durability

Wet concrete recycling machine

Hydro-cyclone separation pump

- ◆ All blades are made of high-chromium alloy (Wear-resistant and replaceable);
- ◆ The position of bearing is higher than the liquid level (The problem of sealing is solved).

Sewage disposal system

- ◆ Mixing impeller is equipped (The precipitated silt is hit into the turbulent flow);
- ◆ The flow-passing parts are made of high-chromium alloy.

Sewage disposal system

- ◆ The mixer and water pump impeller can run without wear;
- ◆ No silting or sedimentation, and no blocking.

Energy conservation and environmental protection

Zero emission

- ◆ Recycling utilization of national resources, and environmental protection.

Energy conservation

- ◆ Accurate control of the running time, to save every ounce of energy for you.

Safety and reliability

Slope-free design

- ◆ No need of climbing the slope during vehicle washing, without shoveling materials in pit;
- ◆ Civil engineering is saved.

Concentrated handling for slurry

- ◆ The production quality of concrete is guaranteed.

Highly intelligent

Full-automatic control

- ◆ The system automatically runs when photoelectric sensor senses the positioning of tank truck.

Acoustic, optical and electrical alarming protection

- ◆ Safe operation of equipment is guaranteed.

Procedural control interface

- ◆ Running conditions of equipment is monitored in real time.

Multiple options for value-added services

Water treatment plan for sites

Suggestions for use of slurry

Concentration monitoring of slurry

Slurry filter pressing system

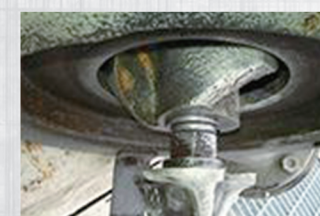
5t recycled water mixing tank

Container-type wet concrete recycling equipment

- ◆ Small covering area
- ◆ Less civil engineering
- ◆ Convenient transfer



Model	YCRP40	YCRP40MX
Number of trucks that could be served	1~4 trucks(standard configuration 2	
Processing capacity of concrete residue	40m³/h	
Minimum size of separated aggregate	0.075mm	
Maximum size of separated aggregate	50mm	
Capacity of clear water pool	90m³×1	
Capacity of settling pool	38m³×1	28m³×1
Capacity of agitating pool(box)	45m³×2	37m³×1
External dimensions L×W×H	20.8m×12.4m×4.5m	15.1m×9.5m×4.5m



Outstanding performance of YCRP40 mobile wet concrete recycling equipment

Handling capacity

- ◆ Quantity of vehicle washed
- ◆ Performance of main engine
- ◆ Hydro-cyclone separation

Extended functions

- ◆ Concentration monitoring
- ◆ Filter-pressing equipment
- ◆ Mobile

Integrated design

- ◆ Slope-free design
- ◆ Self-circulating system

Highly intelligent

- ◆ Procedural interface
- ◆ Full automation

卓越性能
Outstanding performance



Main features of YCRP40 mobile wet concrete recycling equipment

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national patented technology, with the flow of 40m³/h.

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2. The flow-passing parts are made of high-chromium alloy.

Sewage disposal system
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2. No silting or sedimentation, and no blocking.

Zero emission
Recycling utilization of national resources, and environmental protection.

Energy conservation
Accurate control of the running time, to save every ounce of energy for you.



[YCRP40 Key features]
YCRP40, with a total of fifteen national patents. There are three core patent technologies that make it 50 different.



Economic benefit analysis
Water treatment plan for sites
Suggestions for use of slurry
The safe use limit is 4%.
Concentration monitoring of slurry
Slurry filter pressing system
5t recycled water mixing tank
Container-type wet concrete recycling equipment
1. Small covering area
2. Less civil engineering
3. Convenient transfer

Full-automatic control
The system automatically runs when photoelectric sensor senses the positioning of tank truck.
Acoustic, optical and electrical alarming protection
Safe operation of equipment is guaranteed.
Procedural control interface
Running conditions of equipment is monitored in real time.

Slope-free design
No need of climbing the slope during vehicle washing, without shoveling materials in pit;
Concentrated handling for slurry
The production quality of concrete is guaranteed.

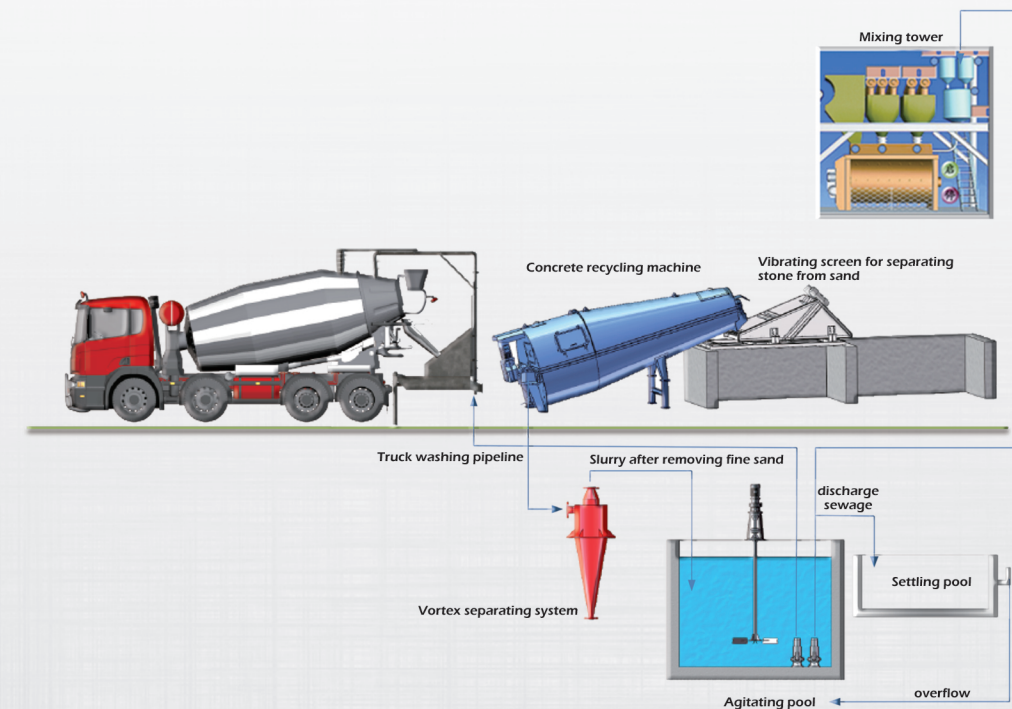
Optional-mud filtering system



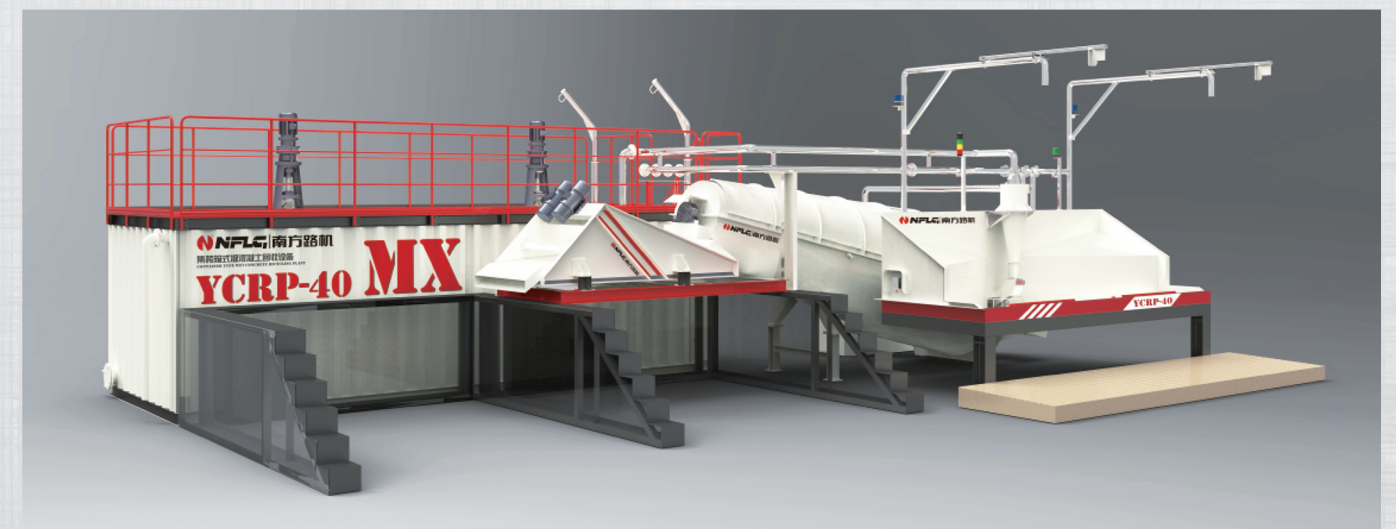
It allows to pump the slurry water collected in the agitating pool to itself to get treatment. After processing the slurry water is separated into solidified and hardened mud cake and clear water. The former one could be further processed and the later one is reclaimed to the agitating pool for further usage.

Optional-5t reclaimed water agitating tank

If the YCRP40 is located from the mixing tower at distance more than 35 meters, it's recommended to equip it with the 5tonnes reclaimed water agitation tank, which is intended to be located beside the mixing tower. The reclaimed water collected in the agitating pool could be transported to the agitating tank and then pumped to the mixing tower to be reused with fresh water.



YCRP40MX container-type wet concrete recycling equipment—Dream work



The YCRP40MX is distinguished with convenient transfer and easy installation and dismantle. Moreover it also keeps the best features of the YCRP40 series recycling system. Simple and smooth user experience, sensitive technology innovation—vivid testament of NFLG passionate commitment in the mixing equipment field.