

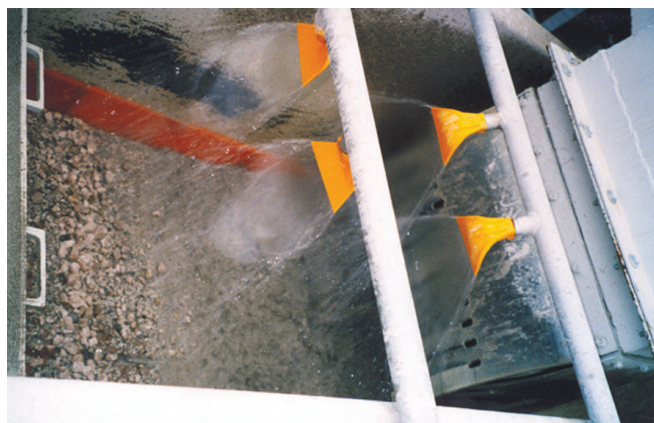
VIBROWASH

Concrete residue recycling unit

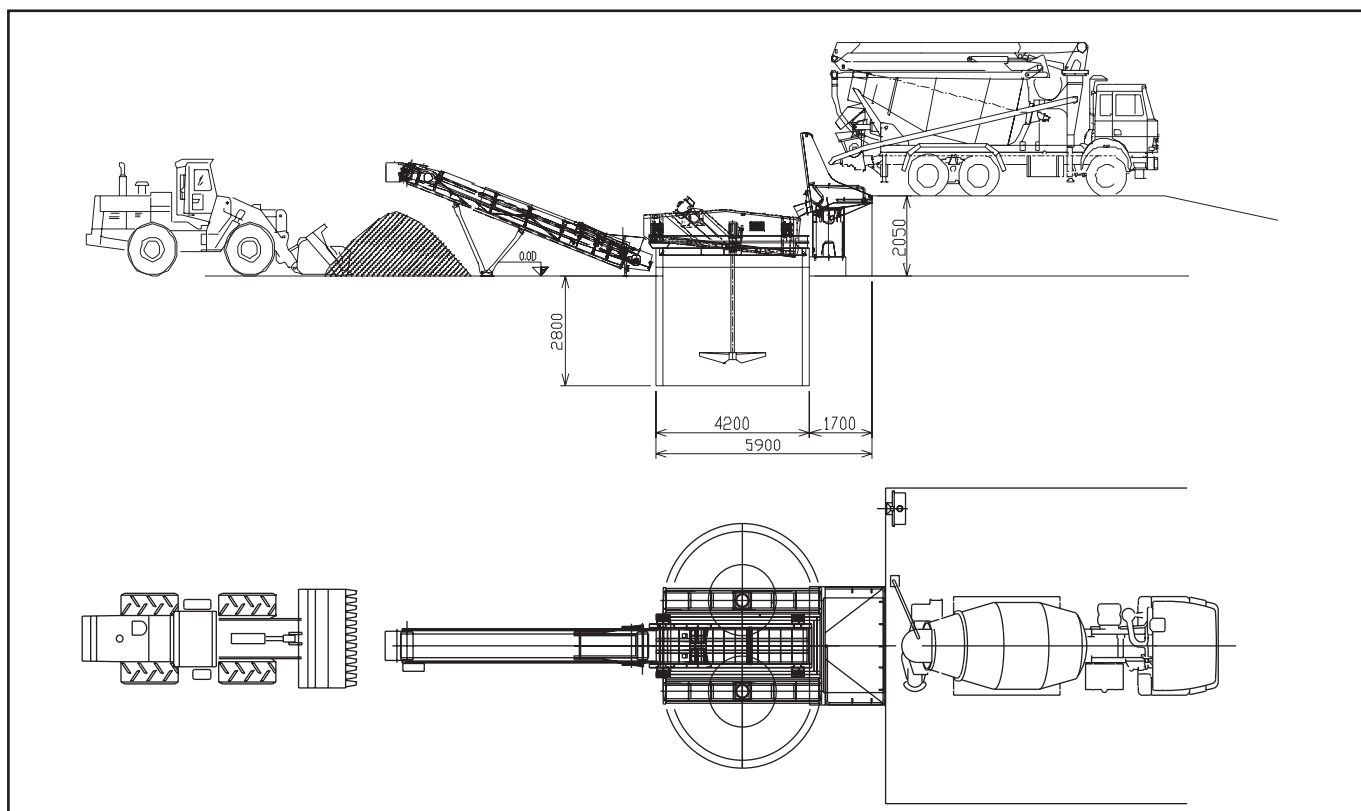
PATENTED
and manufactured on licence

Description

Vibrowash is an unit for the recycling of the fresh concrete residues and the washing water of truck-mixers. It is made by a vibrating screen placed over a storage tank and fed by an hopper. The polyurethane grid, kept in vibration by two powerful vibrators, transports the aggregates towards the collecting area while the water, the concrete and the fines fall back in the below tank. A series of sprayers assures the washing of the aggregates during the conveying. To operate with Vibrowash means therefore protecting the environment and achieving substantial economies in the site management, by totalling recovering the aggregates and the washing water



Plant scheme



VIBROWASH

Concrete residue recycling unit

Standard equipment

Vibrowash:

- Made in steel
- Polyurethane grid
- Polyurethane washing nozzles

Drive:

- No. 2 electric vibrators of 2.5 kW
- Conveying hopper (single)
- Grid for pumps washing

Water system:

- End hose pipe for clean or washing water conveying into truck mixer
- Washing nozzle for machine cleaning
- Automatic system for aggregate washing

Control panel:

- Control panel complete with push buttons and selectors for the control of the different utilities, pilot lamps, flash and acoustic signaler, emergency stop
- Prearranged for driving of 2 electroagitators and 2 submersible electropumps

Optionals on request

Submersible pumps:

- Submersible pump to convey the water for recycling to the batching plant (of 5.5 kW), complete with supporting frame and winch
- Submersible pump to convey the water for recycling to the truckmixers washing showers (of 2.2 kW), complete with supporting frame and winch

Electroagitators:

- No. 2 agitators of 4 kW complete with supporting frame

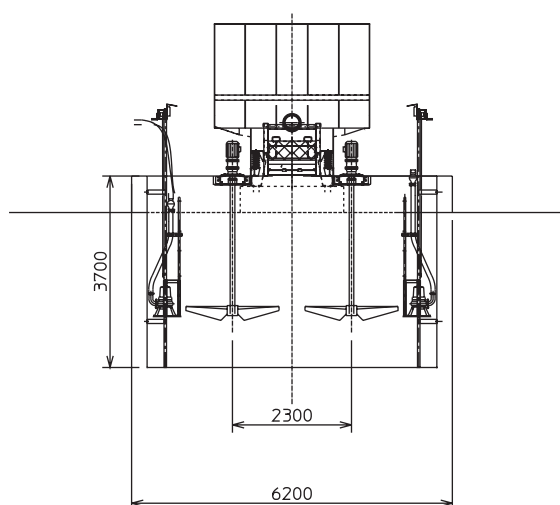
Batching device of water for recycling:

- Electromagnetic flow meter and butterfly valve
- Control panel for the batching of clean /washing water in the applications with manual panel

Inclined belt:

- Capacity: 40 m³/h

Flow scheme



TECHNICAL DATA

Max output	m ³ /h	30
Operating tension (three-phase)	V/Hz	400/50
Total weight	kg	2300
Vibrators power	kW	5
CHARGING HOPPER		
Dimensions	m	3 x 2
STORAGE TANK		
Dimensions	m	4 x 6 h = 3.5

ACCESSORIES ON REQUEST

SUBMERSIBLE PUMP TO CONVEY THE WATER TO THE BATCHING PLANT

Flow rate	m ³ /h	40
Pressure head	bar	2
Power	kW	5.5

SUBMERSIBLE PUMP TO CONVEY THE WATER TO THE WASHING SHOWERS

Flow rate	m ³ /h	40
Pressure head	bar	2
Power	kW	2.2

ELECTROAGITATOR

Blade diameter	m	1.1
Power	kW	4

Technical data and characteristics subject to modifications without notice

