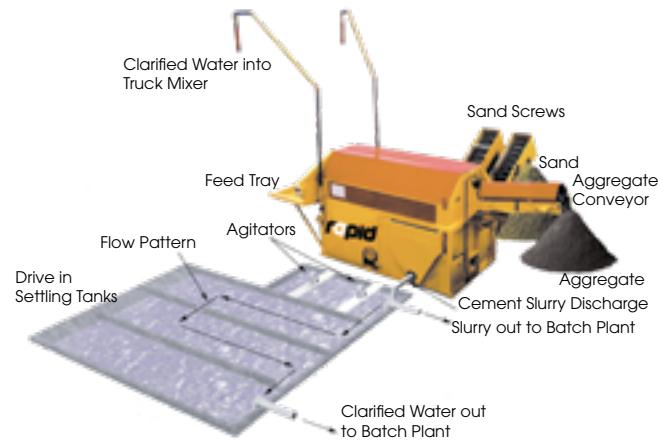


## CONCRETE RECLAIMER

# 01 OVERVIEW



- ✓ Reclaiming unit for the recovery of unused concrete.
- ✓ Recovers washed-out aggregate, sand and grey water.

## 02 FEATURES

### FRAME

One part, rugged, all-welded mild steel fabrication of rectangular box section and mild steel plate. Complete with tray feeder plate and safety guards.

### DRUM SCREEN

Steel wire mesh supported by a steel frame. The drum is 1.3m diameter x 2.7m long and is powered by a hydraulic motor and gearbox drive.

### WASHING SYSTEM

By water jets at fixed positions including final rinsing of sand in the dewatering screws and of aggregates on the aggregate conveyor.

### SAND SCREW

2 No 400mm diameter de-watering sand screws fitted with geared hydraulic drives.

### AGGREGATE CONVEYOR

Channel section with head drum powered by hydraulic geared motor.

### WATER GIRAFFES

Twin water giraffes to load recycled/ clean water into truck mixers before cleaning.

## 03 FEATURES

### POWER UNIT

Electric motor 11 kW (15HP) coupled with hydraulic pumps to drive the drum screen, sand screws and conveyors, controlled with a safety relief valve.

### OUTPUT

This machine will process up to 20 m<sup>3</sup> per hour of slurried concrete. (Assuming continuous feed of materials).

### CONTROLS

Integral control panel housing control all valves etc. providing start stop and emergency stop buttons to each side of the Reclaimer unit.

### OVERLOAD

The system incorporates an overload automatic shut off valve which will close down the feed to the machine when the machine is overloading. When this happens the feed to the machine will be automatically increased again as the surge of materials gets processed.