



CDE

“Committed to engineering excellence”

AQUA CYCLE

The AquaCycle thickener range offers efficient primary stage water treatment specifically for sand, quarry and recycling processes. The introduction of this system brings significant cost savings as it reduces the area previously required to accommodate ponds or lagoons and also



Key benefits:

- Located in close proximity to your washing plant to receive wastewater directly, eliminating the need for secondary pumping.
- Fully automated polyelectrolyte (flocculent) dosing station included.
- One of the most dose efficient systems available – flocculent use typically 5-7 times less than alternative systems.
- Rapid settlement of waste solids lets you concentrate of handling your product rather than managing your waste.
- Instant water recycling with minimal loss through run off and evaporation reduces the environmental impact of your washing operation.
- Consistent sludge density enhances performance of filter press if included in the system.
- Significant reduction in waste volumes offers substantial cost savings.

MODELS AVAILABLE

| Model | Capacity | Dimensions |
|-------|----------------------------|--------------|
| A200 | 200m ³ per hour | 6m diameter |
| A400 | 400m ³ per hour | 8m diameter |
| A600 | 600m ³ per hour | 10m diameter |

PRODUCT FEATURES

| | |
|--------------------|--|
| Standard features: | <ul style="list-style-type: none">• Fully automatic• Supporting structure• Conditioning rakes• Automatic desludge facility• Weir location chosen to suit customer requirements• Galvanised stairs and bridge• Backwash flushing system• Warman sludge pump• Fixed bridge• Deairation chamber• Multipoint flocculent dosing |
| Optional Extras: | <ul style="list-style-type: none">• Scum board (recycling applications)• Auto Floc |