



ROYTEC

Filtration & Separation Solutions

Company Profile | PRODUCTS



HORIZONTAL LINEAR SCREENS

Roytec provides a range of Horizontal Linear Screens for screening and dewatering various mineral and industrial slurries. These simple, robust units are designed for high volumetric flows and offer unrivalled efficiency in oversize removal. Screen cloths are available from 300µm to 2000µm.



ION EXCHANGE & CHROMATOGRAPHIC SEPARATION SYSTEMS

Roytec supplies counter-current ion exchange and chromatographic separation systems that offer unrivalled process efficiency when compared to conventional fixed-bed systems.



VACUUM / PRESSURE DISC & DRUM FILTERS

Roytec supplies Bokela vacuum & pressure disc and drum filtration technology. Bokela specialises in the retrofit of existing installations to improve throughput and efficiency. Filters are available from 2m² to 280m². Overall filter performance is enhanced by the use of steam injection, roller discharge, novel feed trough and vacuum head designs.



PIN-BED CLARIFIERS

Roytec provides pin-bed clarifiers for the polishing of process streams. Our PBC's offer a combined ultra-high rate thickener and pinned-floating bed media filter in one vessel and provide consistent, reliable operations with an overall reduction in suspended solids down to below 10ppm.



FIXED-BED ION EXCHANGE & RESIN ELUTION SYSTEMS

Roytec provides fully assembled, skid-mounted fixed-bed ion exchange and resin elution systems with full instrumentation, piping, valving and control. Units offer low-cost design with emphasis on maximum recovery and flexible operation. This turnkey concept includes circuit integration and attention to aspects such as resin screening; solution clarification; resin elution and reagent minimization.



SEGMENTED TANKS

Roytec' fully workshop fabricated segmented tank concept offers significant benefits, particularly for remote sites including extreme cost effectiveness delivered in low volume pre-packed pallets and installation in a third of the time compared to welded tanks. In addition craning and scaffolding are not necessary as tanks are light weight and can be picked up by a telescopic loader.

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