

LINEAR BELT SCREEN

FILTRATION & SEPERATION SOLUTIONS

Our screen technology concept is supplied by O.C.M. of Italy, who supplies a wide range of Screens and Belt Presses used for dewatering/screening in various applications. O.C.M. has supplied presses to Europe, Africa and Asia.

The Company, O.C.M. was established in 1963 for manufacturing stainless steel parts and machines, for pollution control and wine making machinery. With the years, the Company acquired more experience and know-how so that the decision to introduce its own mark on the market came naturally.

Nowadays O.C.M. still manufactures stainless steel parts and produces equipment for a wider industrial customer base.

The standard production line of O.C.M. includes:

- BELT FILTER PRESSES
- THICKENING DRUMS & THICKENING TABLES
- PISTON AND PISTON/DIAPHRAGM PUMPS
- ROTARY DRUM SLUDGE DRIERS

The HBS's endless screen cloth revolves around a series of rollers which form a horizontal deck over the top surface for the screening duty, whilst others provide tension to prevent the screen cloth from sagging.

The HBS is fed using a feed tray, which is positioned over the table deck above the cloth. The oversize fraction is retained on top of the cloth and is discharged on the drive roller end into the discharge chute.

The undersize fraction moves through the aperture of the cloth and flows into an undersize trough. High screening efficiency is achieved by wash spraybars located over the top deck to minimise undersize in the oversize.



Excellence in process engineering from concept to commissioning

ROYMEC TECHNOLOGIES ABRIDGED CLIENT LISTING

- African Explosives Limited
- Afrox
- Aker Kvaerner
- Anglo Base Metals
- Anglo Coal
- Anglo Platinum
- Bateman Material Handling
- Chambishi Mining
- Chongqing Yuanda Environmental Protection Group
- CVRD
- Dowding Reynard and Associates
- ERPM / Crown Gold
- European Minerals Corporation
- FIRST QUANTUM MINERALS
- Fluor
- Foskor
- Frontier Mine
- Fuel Firing Systems
- GM Associates
- GOLDFIELDS
- Goldfields of South Africa
- Grace Cement Products
- GRD Miniproc
- Green Circle
- Greenside Colliery
- Highveld Steel /Vanchem Division
- Impala Precious Metals Refinery
- Intermet
- International Ferro Metals
- Iscor VDB
- JSC VARVARINSKOYE
- KANSANSHI MINING PLC
- Kloof Gold Mine
- KOBOLD
- LANGER HEINRICH URANIUM
- Logiproc
- M&R Engineering Solutions Ltd
- Metorex
- Mopani Copper Mines PLC
- Muskeg River Contractors
- NKANA Copper
- Olympic Dam

PRODUCTS AND SERVICES

- **High Rate and Conventional Thickeners and Clarifiers.**
- Szotek Filtration - **Vacuum Belt Filters.**
- **Flocculant and Reagent Plants.**
- Filmac S/L Filtration - **Automatic Filter Presses.**
- Spintek Filtration - **Carbon, Coalescing, Dual Media and CoMatrix Filters.**
- Solidorg - **Coalescing Filters and Inclined Plate Settlers.**
- New Logic Int - **Vibratory Shear Enhanced Processing (VSEP).**
- Applied Process Technology - **Continuous Gravity Sand Filtration.**
- **Fixed Bed Ion Exchange Systems.**
- OCM - **Twin Wire Belt Presses and Linear Belt Screens.**
- Septor Technologies - **Counter Current ION Exchange.**
- Bokela - **Vacuum and Pressure Disc Filters.**
- Waterex - **Pinned Bed Clarifiers.**

CONCEPT TO COMMISSIONING SERVICES

- Laboratory testwork.
- Pilot plant studies.
- Detail Engineering and Design.
- Turnkey Site Installation Services.
- Commissioning.
- Optimisation.



TEL: +27 11 656 2523
 FAX: +27 11 656 2537
sales@roytecsa.com

www.roymec.edx.co.za

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Roymec Technologies (Pty) Ltd.
 10 Saddle Drive, Woodmead Office Park, Woodmead, Sandton, South Africa.
 PO Box 41335, Craighall, 2024

Disclaimer: The material in this document is presented strictly for information purposes. While every effort has been made to ensure its correctness, neither the correctness nor the suitability of the information for any purpose is warranted. Product specifications and features are subject to change without notice.

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