



WEIR

Minerals

Africa and Middle East

Expertise where it counts

Your business.

Our solutions



Comminution products

Rugged, reliable and expertly manufactured to deliver world class results in crushing, vibrating equipment and material handling, our Trio® products range includes feeders, primary, secondary and tertiary & quaternary crushers, vibrating screens, conveyors and magnets. Built for extra-long service life, the entire range is designed to perform in the most demanding of applications and are optimised according to your needs, from single machines through to modular plants.



Vibrating screens

Our range of Enduron® products are built with the utmost quality in mind. Enduron® linear motion screens have been designed for the tough conditions of the mining and minerals processing industries - supported by our robust Linatex® rubber solutions and integrated with the Synertrex® cloud-based monitoring platform.



HPGR

Our Enduron® range of products combines quality materials and engineering excellence to deliver comminution products with superior performance. Enduron® High Pressure Grinding Rolls (HPGR) set the benchmark for energy efficient grinding and use dynamic skewing to provide best-in-class wear life for mining applications.



Mill lining systems

Our expert engineers can assess your grinding mill performance and design solutions with Vulco® wear resistant linings to optimise mill performance, while minimising the overall operating cost. Designed to suit a wide range of profiles for efficient grinding criteria, Vulco® wear resistant mill linings can be tailored to your mill from a full rubber design through to composite liner assemblies.



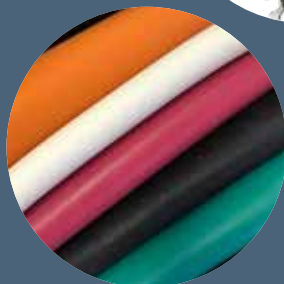
Hydrocyclones

Featuring a laminar spiral inlet geometry, Cavex® hydrocyclones are designed to deliver maximum efficiency, maximum capacity and a longer wear life than conventional involute or tangential feed cyclone designs. Tailor made for all your classification and dense media separation (DMS) applications in all materials of construction.



Rubber hoses and piping systems

Our Linatex® speciality hose range incorporates slurry and chemical mining hose, dredge hose and a wide variety of preformed bends, reducers and T-pieces, all of which are available with a versatile array of end types. Built to deliver outstanding wear performance in the most demanding applications.



Rubber sheeting and lining

Linatex® rubber products are expertly manufactured to deliver outstanding resistance against abrasive wear and corrosion in the toughest environments. Made using a proprietary technique, our rubber sheet and moulded rubber products are suited for the lining of feed and discharge chutes, underpans, screens, tanks, valves, hydrocyclones, pumps or anything that requires protection against wet and dry abrasion, corrosion and impact.



Slurry pumps

Warman® horizontal and vertical centrifugal slurry pumps are designed for ultra-heavy duty applications such as mill discharge, process plant and tailings as well as speciality applications. Market leading material selection and proprietary hydraulics ensure maximum uptime and wear life.



Dewatering pumps

The dewatering pumps are suitable for open cast and underground mines, quarry dewatering and process applications. Warman® and Envirotech® dewatering pumps encompass conventional to customised underground arrangements including multi-stage, horizontal split case, end-suction, submersible and high pressure dirty water pumps.



Barges, pontoons, skids and walkways

Multiflo® dewatering units and pumps are designed to provide maximum reliability and performance in the most complex and harsh conditions. Our custom engineered pontoons and barges create reliable pump flotation systems in even the most arduous conditions.



Lewis® Pumps are the world standard for vertical pumps and services to the sulphur chemicals, phosphoric acid and molten salt industries. Weir speciality pumps include pumps and related equipment for the municipal waste water, oil/gas/petrochemical/refinery, general industrial, food and beverage, pulp and paper and industrial waste water industries.



Positive displacement pumps

GEHO® piston, piston diaphragm and hose diaphragm pumps deliver superior performance for slurry, sludge and paste applications. GEHO® slurry pumps can handle a range of applications such as long distance slurry pipeline transport, mine dewatering and backfill, autoclave, reactor and digester feed, gasifier feed and high density tailings disposal.



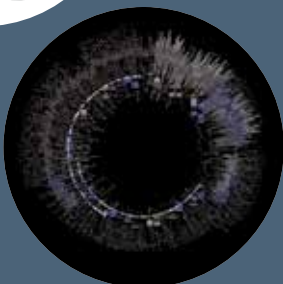
Slurry and industrial valves

Isogate® slurry valves provide ease of maintenance and maximum reliability in tough, abrasive and corrosive applications. Isogate® valves are designed to ensure trouble-free start-ups and optimal plant operations in mining and mineral processing. Innovative design, industry leading performance, customisable features, and outstanding dependability ensure our Delta Industrial™ knife gate valves perform under the most demanding conditions.



Engineered to order integrated solutions

In any mineral processing operation, performance and profitability depend on the reliability of equipment. Designed and supported by process and engineering experts, Weir Minerals integrated solutions are custom solutions built to deliver supreme efficiency and maximise productivity. Our range of process equipment, with abrasive resistant material and high quality rubber lining, has been proven in some of the world's harshest environments.



Synertrex®

With Synertrex® we're creating products that learn, that let you know when something is wrong, and can solve a problem before it starts. Developed by Weir, Synertrex® is a smart analytics platform that is easily integrated into your existing systems. Through leveraging the capabilities of Microsoft and Dell, you can now know all about your equipment, with accuracy and attention to detail, delivered in real time.

PLANT SOLUTION

Trio® Modular and Mobile Crushing and Screening Plants

MATERIAL HANDLING

- Trio**® Grizzly Feeders
- Trio**® Vibrating Feeders
- Trio**® Apron Feeders
- Trio**® Pan Feeders
- Trio**® Belt Conveyors
- Trio**® Magnets



CRUSHING AND GRINDING

- Trio**® Jaw Crushers
- Trio**® Horizontal Shaft Impact (HSI) Crushers
- Trio**® Cone Crushers
- Trio**® Vertical Shaft Impact (VSI) Crushers
- Enduron**® High Pressure Grinding Rolls (HPGR)
- Vulco**® Wear Resistant Mill Linings
- Isogate**® Slurry Knifegate Valves
- Synertrex**® Equipment monitoring and analysis

WEAR LINING AND CORROSION PROTECTION

- Vulco**® Wear Resistant Mill Linings
- Linard**® Truck Linings
- Linatex**® Tank Linings

Expertise where it counts.

No matter what sector you operate in, or the process you need to complete, we have the products to get the job done.

SLURRY TRANSPORTATION

Warman® Horizontal Centrifugal Slurry Pumps

Warman® Vertical Slurry Sump Pumps

Linatex® Mining Hoses

Isogate® Slurry Knife Gate Valves

Isogate® Pinch Valves

Synertrex® Equipment monitoring and analysis

CLASSIFICATION AND SEPARATION

Trio® Inclined Scalping Screens

Trio® Inclined Screens

Trio® Horizontal Screens

Enduron® Multislope Screens

Enduron® Horizontal Screens

Enduron® Dewatering Screens

Cavex® Classification Hydrocyclones

Cavex® Dewatering Hydrocyclones

Cavex® Dense Media Hydrocyclones

Linatex® lined Flat Bottom Classifiers

Isogate® Slurry Knife Gate Valves

Isogate® Pinch Valves

Isogate® Autoball Valves

Synertrex® Equipment monitoring and analysis

DEWATERING

Multiflo® Mine Dewatering Solutions

Isogate® Pinch Valves and Knife Gate Valves

Warman® Dirty Water Pumps

Delta Industrial™ Knifegate Valves

Envirotech® Dewatering Pumps

Linatex® Rubber Hoses

Synertrex® Equipment monitoring and analysis

TAILING DISPOSALS

GEHO® Piston Diaphragm Pumps

Warman® Horizontal Centrifugal Slurry Pumps

Isogate® Slurry Knife Gate Valves

Linatex® Rubber Hoses

Delta Industrial™ Knifegate Valves

Linatex® Rubber Sheeting

Cavex® Classification Hydrocyclones

Synertrex® Equipment monitoring and analysis

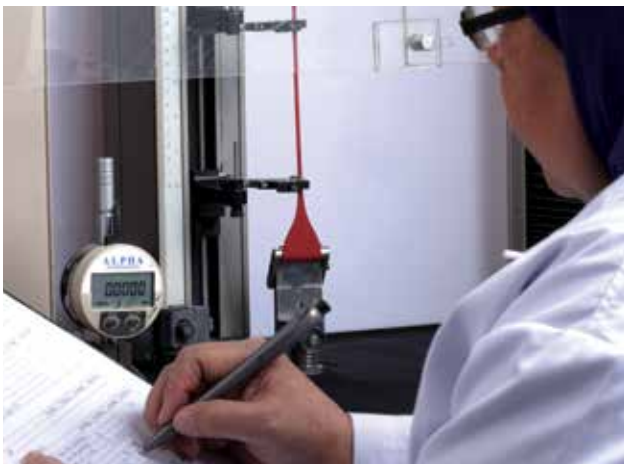
SERVICES

Weir Minerals Services™



Technology leadership: design flexibility and customisation

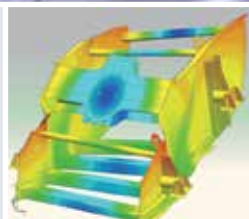
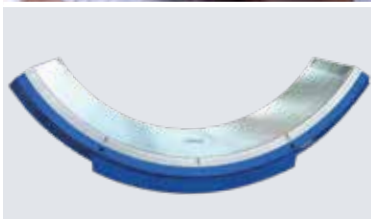
Weir Minerals is an original equipment manufacturer in the truest sense - we develop, design and make the end-product. We also make the critical components and spare parts for our products. And the parts are made from materials that we manufacture.



Top: All products manufactured are fully tested in the laboratory and in field to ensure they are fit for purpose.

Bottom left: Weir Minerals' expertise in many industries has led to the development, manufacture and repair of all types of white metal bearings.

Bottom right: Finite element analysis (FEA) imagery of Enduron® multislope screen predicts how it reacts to real-world forces, vibration, heat, fluid flow and other physical effects.



We have more than 20 Technology hubs around the globe that are our research and development hubs for specific product categories. More than 300 engineers are responsible for product development and equipment customisation.

We invest heavily in material development and produce state-of-the-art wear resistant materials with properties that allow longer life cycles for your equipment.

Engineers and draughtspersons utilise the latest 3D modelling, product lifecycle management (PLM) and analysis software tools during design phase to ensure production of optimum performance products.

The mechanical and process engineering teams at Weir Minerals work closely with our sales area and territory managers and service teams, creating an unrivalled network that supports your specific needs.

Weir Minerals Services™

Going above and beyond: World class service, solutions and support, wherever you may be.

Our Weir Minerals Services™ team go above and beyond, because we understand that safety, performance and reliability matter most.

We are committed to providing resources, knowledge and service to achieve both long term and measurable total ownership cost reduction for your operations.

With service centres and offices located throughout Africa and Middle East, we are well placed to be partners in your business by supporting your service needs wherever you may be. We have an unrivalled footprint in Africa, with 15 service centres, three manufacturing sites and offices spread across all regions.



Performance services

We will work with you to optimise your equipment and applications with our range of performance orientated services provided by our technical teams of service engineers and process experts.

- Process and application consulting and engineering
- Pilot testing
- Managed trials
- Process optimisation
- Automation
- Synertrex® remote access monitoring system

Reliability services

To ensure maximum productivity our reliability services will help sustain optimal equipment and process performance to achieve long term, measurable total ownership cost reduction.

- Installation
- Commissioning and decommissioning
- Maintenance and repair
- Equipment rebuilds
- Equipment retrofit
- Service exchange
- Equipment relining
- Training

Options programme

Our options programme offers you flexible terms enabling better budget planning and helping to overcome capital constraints. Subject to qualifying criteria we offer:

- Fixed price service exchange
- Fixed price maintenance
- Cost per tonne
- Rental
- Leasing
- Hire purchase
- Time and materials



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