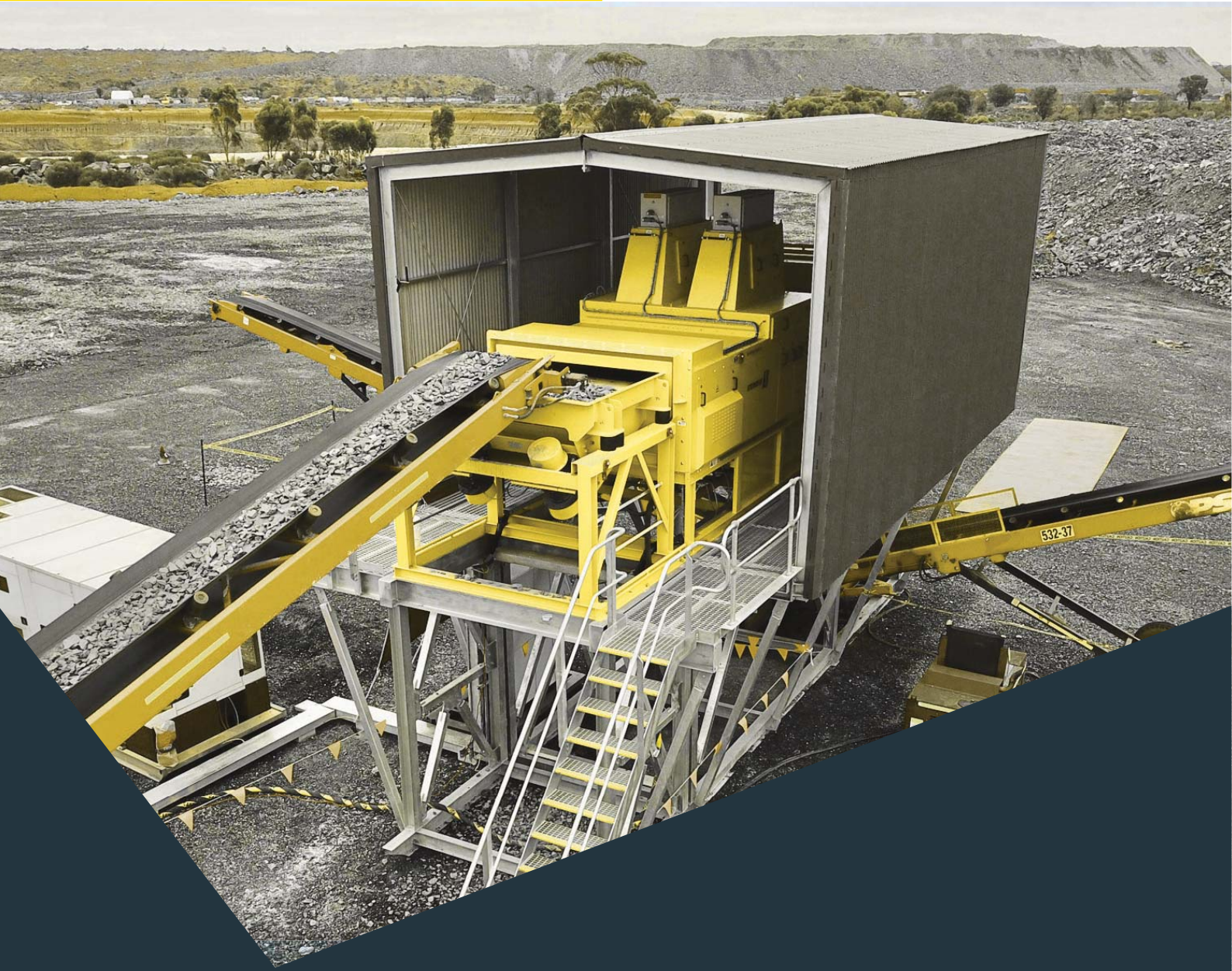


BENEFICIATION + SENSOR SORTING SOLUTIONS




MINING COLLECTION

STEINERT Australia represents



steinert.com.au



Elektromagnetbandrolle

Type 304 / 50
400 mm ϕ - 600 mm Breite
0,72 kW 110 Volt Gs
Förderbandbreite: 500 mm
Förderbandgeschwindigkeit: max. 0,85 m/sec.

TRADITION + INNOVATION

For over 125 years, the pioneering spirit and technical creativity of our family-run business have enabled us to continually set new standards.

And with our global network, we are on hand around the world to ensure the success of our customers - as your partner for market-leading materials separation.



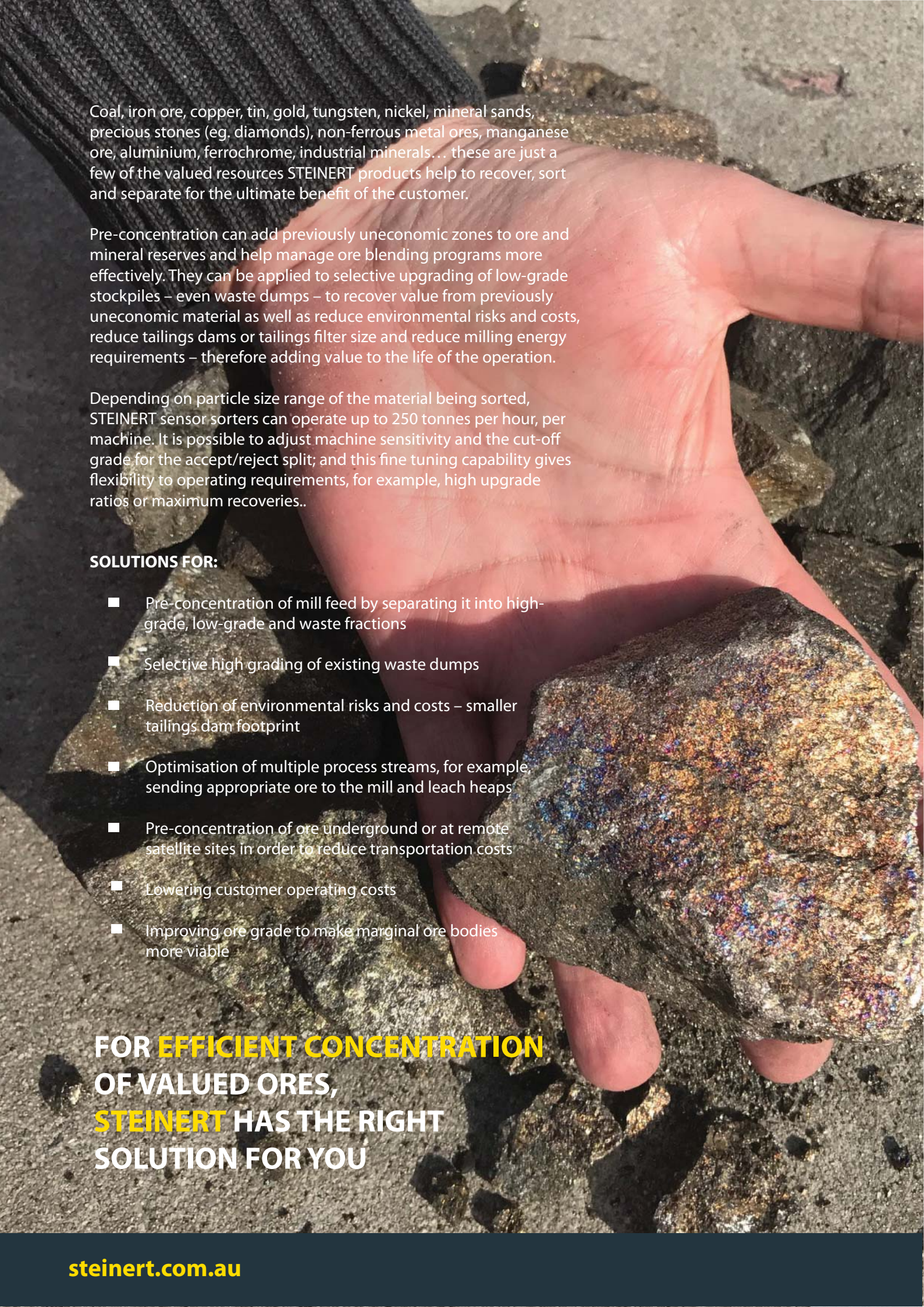
The STEINERT test centre in Perth, WA gives customers the opportunity to test small and large samples. You can also benefit from directly implementing the very latest findings and developments in tried and tested STEINERT sorting technology, including the latest combination sensor-based sorting solution for ore processing.

Our application specialists will provide competent and specific assistance in finding a solution for your technical material recovery job. If desired, we can directly demonstrate the potential for recovering material with STEINERT sorting technology using your own test material.



We deliver:

- professional and easy to read reports
- meaningful executive summaries with clear focus for effectiveness of process as well as quantified value proposition
- recommendations that will show a clear way forward for the client with logical 'next steps'

A close-up photograph of a person's hand holding a large, dark, textured rock or mineral specimen. The specimen has a rough, crystalline surface with numerous small, colorful inclusions in shades of blue, green, and yellow. The background is a blurred, light-colored surface, possibly a workbench or a pile of similar material.

Coal, iron ore, copper, tin, gold, tungsten, nickel, mineral sands, precious stones (eg. diamonds), non-ferrous metal ores, manganese ore, aluminium, ferrochrome, industrial minerals... these are just a few of the valued resources STEINERT products help to recover, sort and separate for the ultimate benefit of the customer.

Pre-concentration can add previously uneconomic zones to ore and mineral reserves and help manage ore blending programs more effectively. They can be applied to selective upgrading of low-grade stockpiles – even waste dumps – to recover value from previously uneconomic material as well as reduce environmental risks and costs, reduce tailings dams or tailings filter size and reduce milling energy requirements – therefore adding value to the life of the operation.

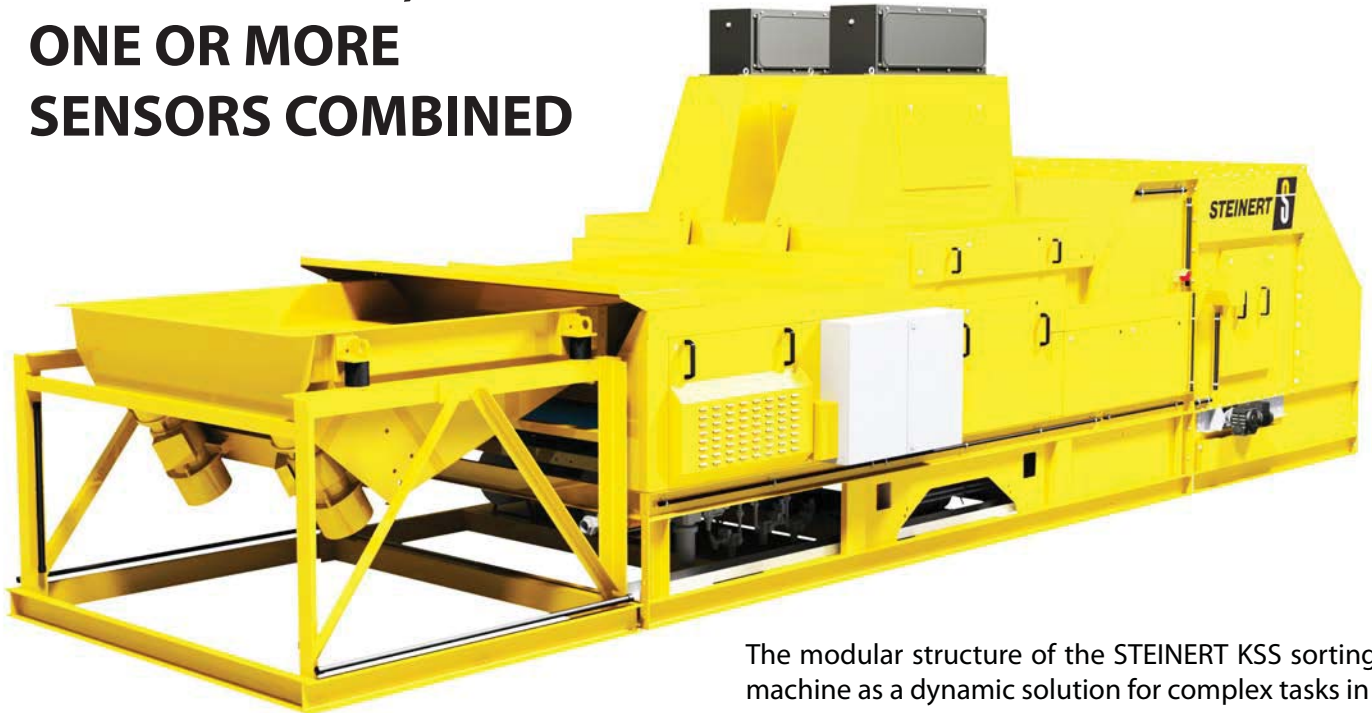
Depending on particle size range of the material being sorted, STEINERT sensor sorters can operate up to 250 tonnes per hour, per machine. It is possible to adjust machine sensitivity and the cut-off grade for the accept/reject split; and this fine tuning capability gives flexibility to operating requirements, for example, high upgrade ratios or maximum recoveries..

SOLUTIONS FOR:

- Pre-concentration of mill feed by separating it into high-grade, low-grade and waste fractions
- Selective high grading of existing waste dumps
- Reduction of environmental risks and costs – smaller tailings dam footprint
- Optimisation of multiple process streams, for example sending appropriate ore to the mill and leach heaps
- Pre-concentration of ore underground or at remote satellite sites in order to reduce transportation costs
- Lowering customer operating costs
- Improving ore grade to make marginal ore bodies more viable

**FOR EFFICIENT CONCENTRATION
OF VALUED ORES,
STEINERT HAS THE RIGHT
SOLUTION FOR YOU**

ONE MACHINE, ONE OR MORE SENSORS COMBINED



The modular structure of the STEINERT KSS sorting machine as a dynamic solution for complex tasks in material separation.

Our STEINERT KSS combination sensor sorting system is a platform on which various sensors can be deployed which includes 3D, colour and induction detection. The system can also be fitted with a fourth sensor (near-infrared, x-ray transmission or x-ray fluorescence sensor).

There is therefore a wide variety of options available depending on the sensor combination.



MAGNETIC SEPARATION

STEINERT has continued to develop and improve the traditional separation solution in accordance with today's diverse processing plant requirements in a wide range of mining applications.

Whether its protecting processing plants from tramp iron damage downstream or beneficiating iron – this is what STEINERT products do best.

We offer a large selection of pulley, drum, lift-out and overhead suspension magnets – for both dry and wet processing.





CREATED FOR TOUGH + HARSH CONDITIONS

STEINERT's high-tech equipment solutions are built to withstand the tough - and often remote - mining environments around the world.

Here you see multiple STEINERT ore sensor sorter machines sorting ROM Polymetallic ore.



COV

STEINERT AUSTRALIA REPRESENTS HAZEMAG IN AUSTRALIA

Since 1946 HAZEMAG has been operating in the beneficiation of mineral raw materials and thus has a high knowledge base, qualified experts, and innovative technologies.

Separation of raw materials, especially of coal, iron ore, aggregates, slag, recycling material and others is a key business of HAZEMAG.

HAZEMAG

SOLUTIONS FOR:

- Cement
- Aggregates
- Salt
- Coal
- Ore



A HIGHLY SPECIALISED TECHNOLOGY PARTNER

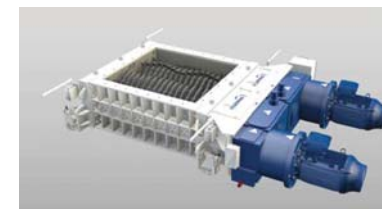
HAZEMAG continues to develop tailor-made solutions in close cooperation with its customers. This broad beneficiation experience in engineering, equipment delivery up to the erection of complete turnkey plants covers the whole processing chain from primary crushing, feeding technology, classification, separation, grinding and finally dewatering for the recovery of marketable products.



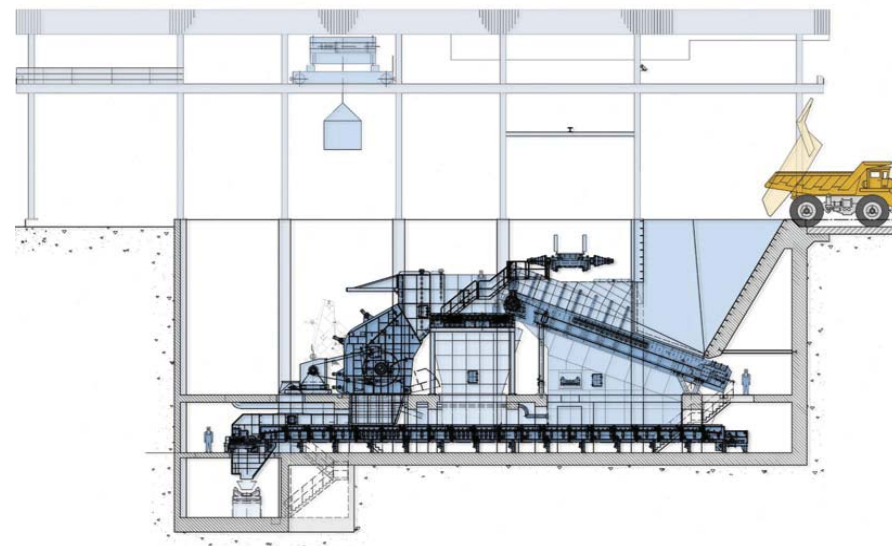
HAZEMAG Roll Crusher - HRC

The globally tried and tested products from HAZEMAG include:

- impact crushers
- sizers
- roll crushers
- hammer crushers
- hammer mills
- roller mills
- apron feeders
- roller screens
- chain conveyors



HAZEMAG Centre Sizer - HCS



STEINERT AUSTRALIA REPRESENTS allmineral IN AUSTRALIA

allmineral is a world-renowned specialist in the preparation of gravel, sand, coal and ore.

The processing and separation systems and methods make intelligent use of the laws of physics and the forces of the natural elements air and water.

allmineral solutions are oriented to the individual needs of our customers, market conditions and the quality of the raw materials available. In close cooperation with our customers, our qualified staff develops an optimal concept, builds the appropriate system and ensures trouble-free operation.

allmineral

SOLUTIONS FOR:

- coal
- iron ore
- sand | gravel
- rubble
- contaminated soils
- metal-slag
- non ferrous minerals
- diamonds
- salt and others



FROM COARSE TO ULTRAFINE - MINERAL PROCESSING SOLUTIONS

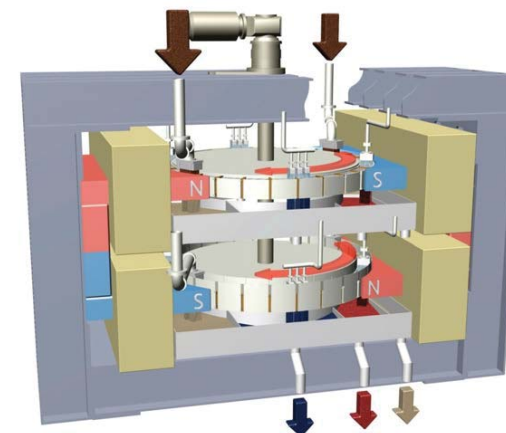
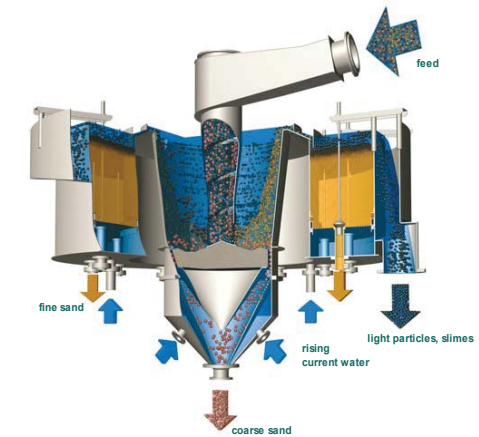
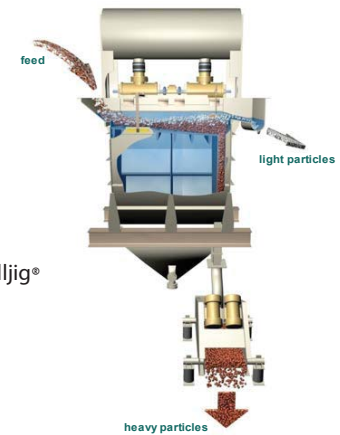
allmineral provides innovative mineral processing and separation systems - from concept to commissioning. For example, in the field of ore processing high efficiency and high capacity systems are necessary for an economic production. Core equipment that can be provided to processing plants by allmineral include:-

alljig® - jigg machines upgrade ores to marketable products in a single step, best examples are various installations for iron ore upgrading from low grade run-of-mine and / or dump ores.

The allgauss® wet high intensity magnetic separator offers high separation efficiency and enormous flexibility in the upgrading of hematite iron ores.

The allflux® - system is utilized for both ore upgrading as well as ore classification (desliming).

The alljig® and the allflux® can also reduce grinding costs in those cases where a pre-separating of high density materials is possible.



allflux®

allgauss®

WE REFURBISH TO 'AS NEW' CONDITION

Ask us about the many services we offer including:

- condition audits
- site performance & maintenance audits
- strip & assess with options to improve performance
- service, refurbish & repair:
 - permanent and electro magnets and magnetic drums
 - heat exchangers, self cleaners, cooling oil change, metal detectors
 - transformer/rectifiers & suspension peripherals
- shop test, final check & warranty certification
- installation assistance & site commissioning





At STEINERT, service doesn't end when your equipment is delivered – it marks the beginning of a reliable partnership for your long-term benefit. STEINERT understands the customer's diverse and regional requirements.

We deliver value-added solutions throughout the entire process – from consultation to manufacturing, installation and commissioning services.

STEINERT builds on long-lasting partnerships with customers. Research and development are key benefits to increasing our customer's long-term profitability.

Whether spare parts, repairs, start-up, training or preventative maintenance – you can always rely on us, at any time!



On-site audits and testing are some of the services we offer

THE STEINERT GROUP

STEINERT GmbH
Widdersdorfer Str. 329-331
50933 Köln
DEUTSCHLAND

Tel.: +49 221 4984-0
Fax: +49 221 4984-102
sales@steinert.de
www.steinert.de

North America

STEINERT US Inc.
285 Shorland Drive
Walton, KY 41094
U.S.A.
Phone: +1 800 595-4014
Fax: +1 800 511-8714
sales@steinertus.com
www.steinertus.com

Australia/South East Asia

STEINERT Australia Pty. Ltd.
14 Longstaff Road
VIC 3153, Bayswater
AUSTRALIA
Phone: +61 3 8720-0800
Fax: +61 3 8720-0888
sales@steinert.com.au
www.steinert.com.au

Tochtergesellschaften Subsidiaries

RTT STEINERT GmbH
Hirschfelder Ring 9
02763 Zittau
DEUTSCHLAND
Tel.: +49 3583 540-840
Fax: +49 3583 540-8444
sales@steinert.de
www.steinert.de

South America

STEINERT Latinoamericana Ltda.
Av. Heráclito Mourão de
Miranda, 2080
Bairro Castelo
31330-382 Belo Horizonte
BRAZIL
Phone: +55 31 3372-7560
Fax: +55 31 3372-6995
steinert@steinert.com.br
www.steinert.com.br

STEINERT Australia represents

