



1/1/2019

SONGATECH Pty Ltd

Catalogue 2019

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Screen Panels

Product list

- Screen panels
- Wire mech
- Spirals
- Pumps
- Conveyor belts
- Electrical Motors
- Launderers and Distributors



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37 Finch Street
Ontdekkerspark,
Roodepoort, 1709

Who We Are

Vision

To become a preferred supplier of high-quality products and services to the mining and other industries.

Mission

To participate in the creation of wealth for Africa by providing quality products and services to the mineral resources industry in the effort to improve the client's triple bottom line.

Contact Us

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Email: admin@songatech.co.za

*Putting Technology
Together*



Pumps

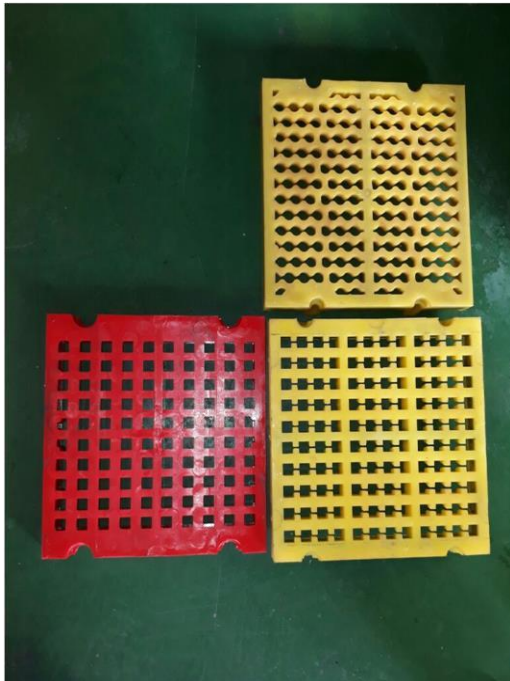


Electrical motors



Chrome Ore Drain and Rinse Screen





Our screen panels

Modular 305 x 305 x 30mm

Modular 610 x 305 x 30-50mm

Pin only

Pin and sleeve

Clip on panel

Steel reinforcement

Different aperture shape and size Weir

bar. Available in different sizes.

Skid bar. Quantity as per customer requirement.

Different colour

Polymer raw material is import from Germany. Their polymer industry is a leader on supply of polyurethane and rubber.

“The life span of the Songatech screen panel is an estimated three months depending on the application.”

Screen panel material of construction

Polyurethane

Rubber

Steel reinforcement

Current Application

Chrome

PGMs

Coal

Quarry

Gold

Diamond



Blue Screen Panel

Benefits for our screen panel product.

- Lower prices.
- Colour code at no cost to customer.
- Two weeks lead time.
- Work with different couriers.
- Option to keep stock on our shelves if needed.
- Only one month to manufacture a custom design.

Services

- In-house technical support
- Site visit
- Screen repairs
- Vibrating motor repairs





Spirals

Refurbishment

Spirals

Gravity distributor

Launders

Spiral refurbishment

“The life span of the Songatech refurbished spiral is 2 years vs. 4 years for a new one, for only 25% cost of new one.”

Spiral types

Large diameter

Small diameter

3 - 5 turn, single to triple configuration

Current Application

Chrome

UG2 tails

Coal

Beach sands



Spirals

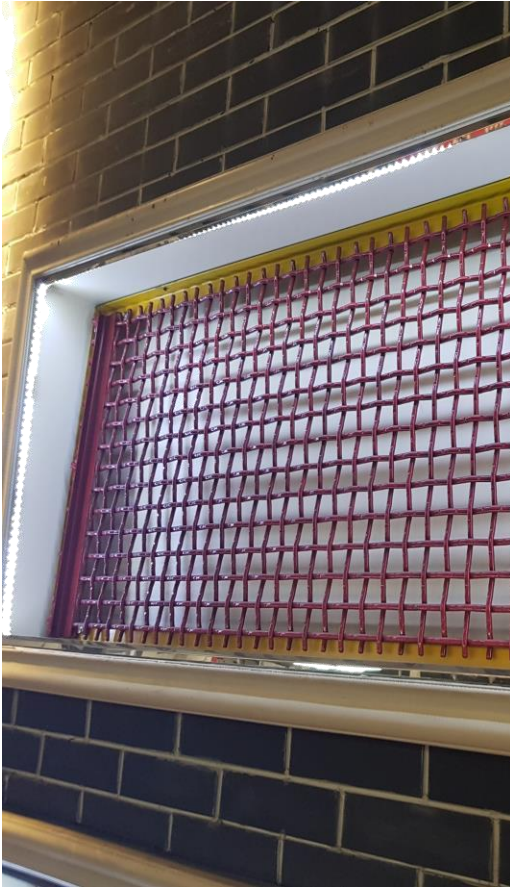
Benefits for refurbishment

- 25% cost of new one
- No capital requirements
- Reduces scrap asset value
- Only one month to fix

Raw material

- Fiberglass exterior for spirals
- Steel/ fiberglass exterior for gravity distributors and launders
- Rubber lining/ polyurethane lining





Wire mesh

Our wire mesh

Slot aperture

Square aperture

Cut to customers dimensions

Can supply a roll on request

Wire mesh

“Widely used at the quarry industry, our wire mesh has a life time of two months and offers a better open area when compared to other screening media.”

Wire mesh material of construction

Round bar

Steel sheets exterior

Punched steel sheets

Current Application

Quarry

Chrome

PGMs

Coal



Conveyor belt

Conveyor belt specifications

- EP200, EP250, EP300, EP400
- 500 - 1600mm width
- 100 - 200m roll
- 9.6 - 12mm thickness
- Supply 4 ply
- 4mm top and 2mm bottom layer thickness
- 1.6 - 1.7m height per roll
- Manufacture to custom design





Classifier nozzles

Widely used at the chrome mines, our nozzles have a life time of two months and offer a better efficiency due to their superior design and finishing.



Classifier nozzles

2.5mm orifice

Manufactured from ceramic

Manufactured from porcelain

Manufactured from PU



Overview

Manufactured in our factory

Not brittle, won't break

One week lead-time

Currently in use at local mines





Steel balls

Uniform Round in shape

Manufactured from cast iron

Alloyed with chrome

Offer different sizes, diameter



Steel balls

Our grinding media steel balls are manufactured locally. They have a reputable lifespan and are easily comparable with the steel balls from other supplier.

Benefits

Longer lifespan

Lower operational costs

Not brittle

Current Application

Quarry

Chrome

PGMs

Coal



Specification

40 - 150mm diameter, SANS 1338:

2008 Grade 3

Grade chrome 12%, 18% and 27%.

Supplied in 1t drums/ Supplied in 1t bags



Ferrosilicon Powder

- It is used for Dense Medium Separation (DMS) process
- Mostly Wemco drum and DMS Cyclone operation
- Our ferrosilicon is an alloy of iron and silica
- Usually contains a silicon content of 15 – 95%
- Our ferrosilicon is Gas atomised and we have the following products specifications; Coarse, Fine, Cyclone 60, Cyclone 40, DMS 70
- Used for chrome, iron ore, manganese, etc



Advantages of our dense medium separation products:

- *Ease of handling*
 - *Safety*
 - *Product integrity*
 - *Durability*
 - *Water resistance packaging*
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Magnetite Powder

- Magnetite is a natural iron oxide magnet
- Used for magnetite powder as heavy media in coal washing
- Mostly used for Wemco drum and DMS cyclone
- Packed in 1 tonne bags, or poly-lined fibre drums



Ceramic Tiles

- *Produced for lining mining equipment*
- *Supplied on difference sizes*
- *Cut to size on customer request*



Lining Applications

- *Chutes*
- *Conveyor head pulley*
- *Conveyor tail pulley*
- *Wemco drum*
- *Steel pipes*
- *Sump/ Tanks*

