

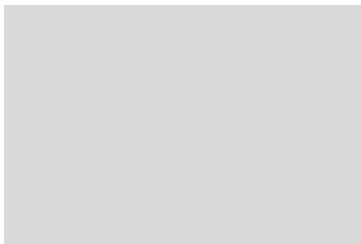
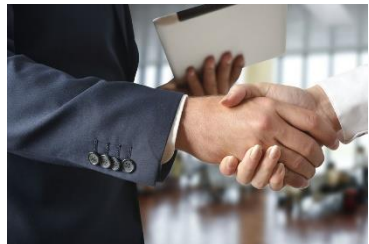
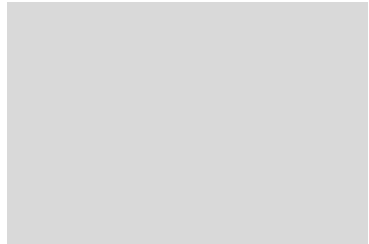
# SEPARATOR

ADVANCED TECHNOLOGY / PERFECT SERVICE / EXCELLENT QUALITY



**KMD**





## 1. Company Overview

## 2. Product Presentation

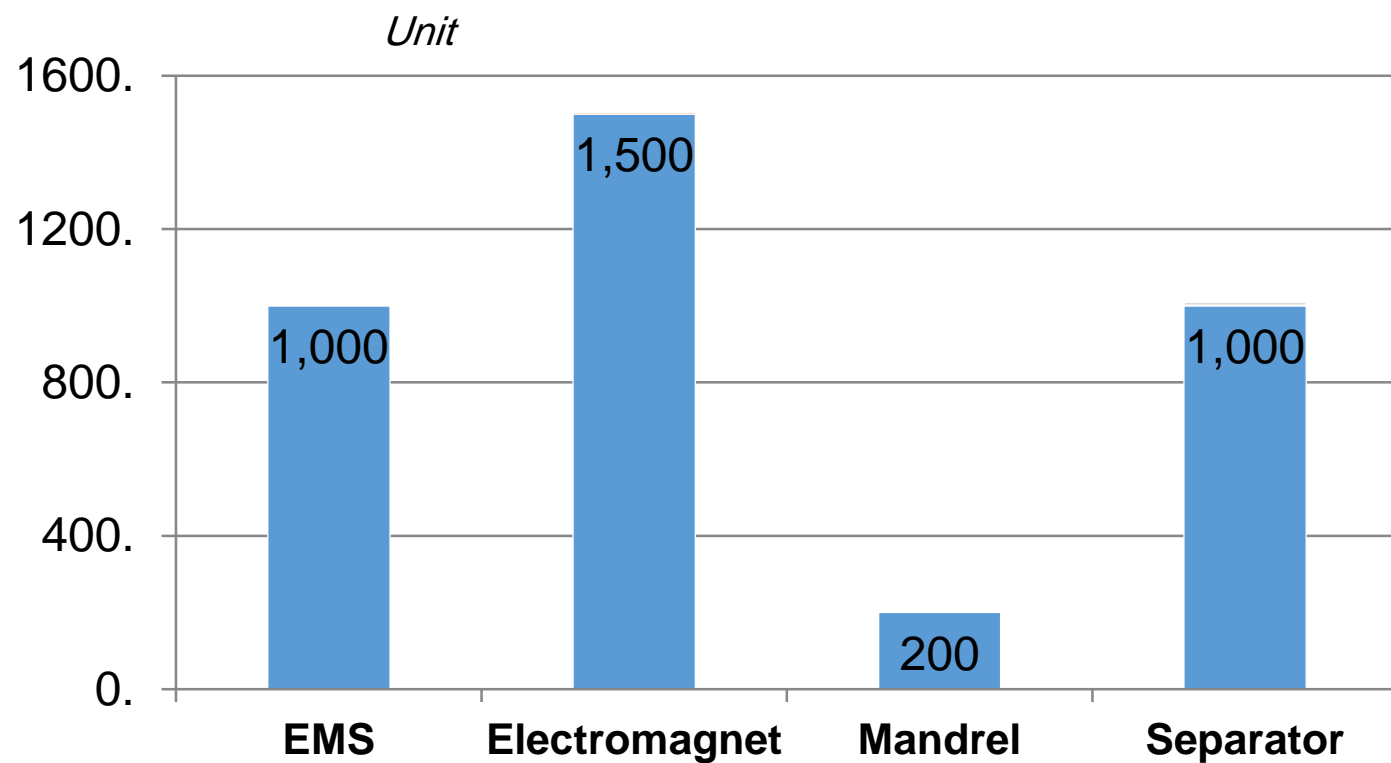
## 3. Customer Reference List

## 1.1 About KMD



- **Founded:** 1997
- **Location:** Yueyang, China
- **Total assets:** USD 100 million
- **Space:** 67,000m<sup>2</sup>
- **Employee:** 750
- **R&D department:** 180 technicians
- **Certifications:** CE, Explosion-proof Certificate.
- **Patents:** 75

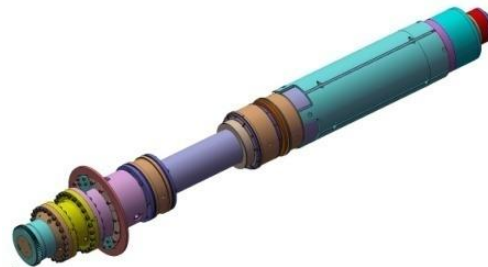
- ***KMD's annual output as shown in the chart below:***



**Separator**



**Electromagnetic separator**



**Mandrel**



**Lifting magnet**



## 1.3 Application



**Metallurgy**



**Power plant**



**Coal selection**



**Construction**






**Sugar plant**



**Shipping building**

# 1.4 Certification & Quality Management System





**Safenet Limited**  
Denford Garage, Denford, Kettering, Northants, NN14 4EQ, U.K.  
Tel: +44 1832 732 174 e-mail: [office@safenet.co.uk](mailto:office@safenet.co.uk) Website: [www.safenet.co.uk](http://www.safenet.co.uk)

**Certificate of Conformity**

This is to certify that

**Hunan Kemeida Electric Co., Ltd.**

No. 8 Kemeida Road, Yueyang City, Hunan, P.R. China

Has had a range of Control Cubicles examined with regards to the Low Voltage Directive 2014/35/EU.

With reference to model **GTBT-32E**

Manufactured by:

**Hunan Kemeida Electric Co., Ltd.**


No. 8 Kemeida Road, Yueyang City, Hunan, P.R. China

1. The technical documentation supplied contains all the relevant information.
2. Having verified that the appropriate tests have been conducted, with regard to the GTBT-32E representing the range.
  - 2.1. The example has been manufactured in accordance with the technical documentation and may be used under the intended conditions.
  - 2.2. The standards and transposed standards as the case may be, have been applied correctly.
  - 2.3. The example has conformity with the Principle Elements of Safety Objectives of the Low Voltage Directive, 2014/35/EU.
  - 2.4. The technical documentation supplied contains all the information required to include the following models GTBT-9E, GTBT-14E, GTBT-19E, GTBT-25E, GTBT-32E and GTBT-38E.
  - 2.5. The review date for this certificate is 07/05/2020.

Certificate Number: 6796170517

Date: 17/05/2017

Signed for Safenet Limited

  
Peter McNicol  
Technical Manager

This Document remains the property of Safenet Ltd and will be returned to them if so requested.  
Safenet will review the continued compliance of the machinery on a 5 yearly cycle to check for changes in the state of the art.



THE INTERNATIONAL CERTIFICATION NETWORK

**CERTIFICATE**

*CQM as an IQNet Partner hereby states that the organization:*

**HUNAN KEMEIDA ELECTRIC CO., LTD**

Certification Add.: No.8, Kemeida Road, Yueyang Economic & Technological Development Zone, Yueyang City, Hunan, P.R.China  
Post code: 414000

*for the following scope:*

**Design, manufacture and after-sale service of complete set of electromagnetic equipment, permanent magnetic equipment, recoiling machine, mandrel equipment and spare parts, production and after-sale service of leaded steel assembly**

*has implemented and maintains a*

**Quality Management System**

*which fulfils the requirements of the following standard:*

**ISO 9001:2008**

**Issued on: 2017-05-26**

for the validity date, please refer to the original certificate\* issued by CQM

**Registration Number: CN-00217Q12409R4M**



Michael Drechsel  
President of IQNet

Ji XiaoDong  
General Manager of CQM

**IQNet Partners\*\*:**  
AENOR Spain APNOR Certification France Vincotte Belgium APCER Portugal CCC Cyprus  
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany  
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland INTECO Costa Rica  
IRAM Argentina JQA Japan KPO Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland  
Quality Austria Austria RR Russia SIGE Mexico SII Israel SIQ Slovenia SIRIM QAS International Malaysia  
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUGS Serbia  
IQNet is represented in the USA by: APNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

\* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document  
\*\* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under [www.iqnet-certification.com](http://www.iqnet-certification.com)

ISO9001



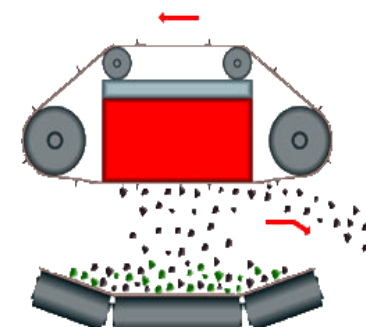
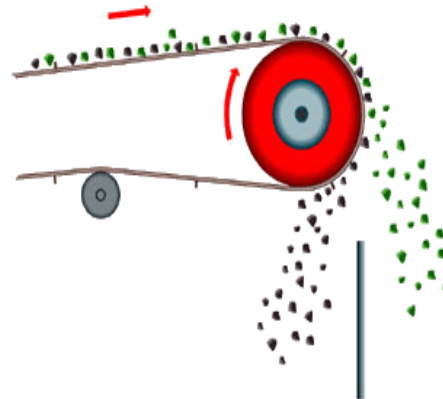
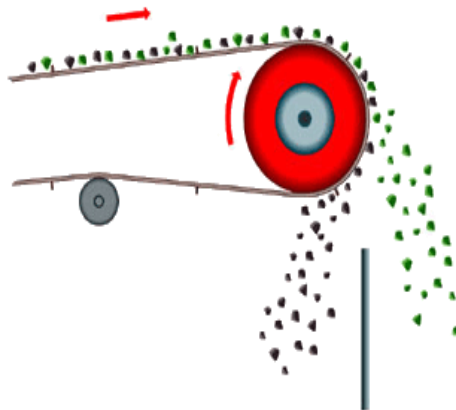
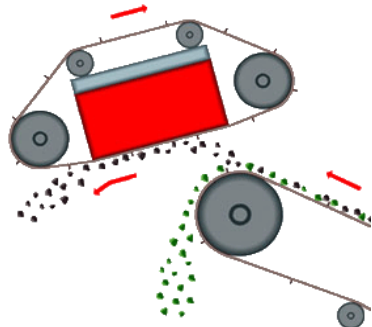
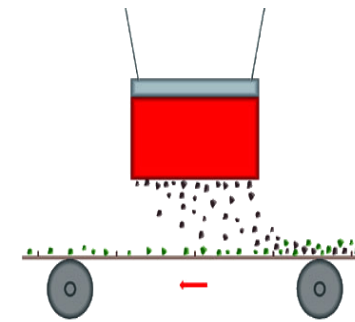
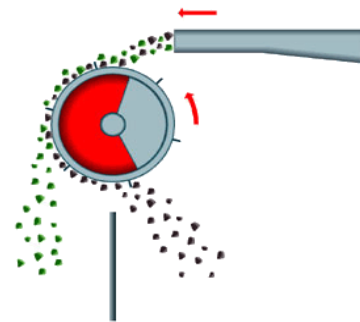
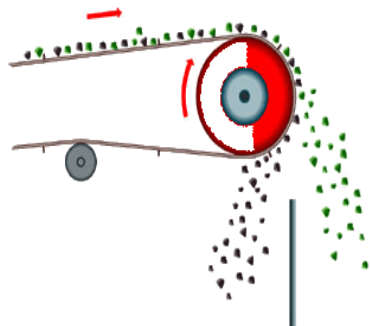
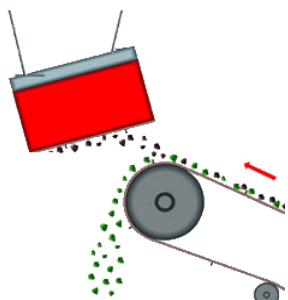
## 1.5 Processing Capacity

More than 500 sets of specialized facilities for lathing, milling, boring, grinding & drilling, etc.





## 2.1 Separator Installation



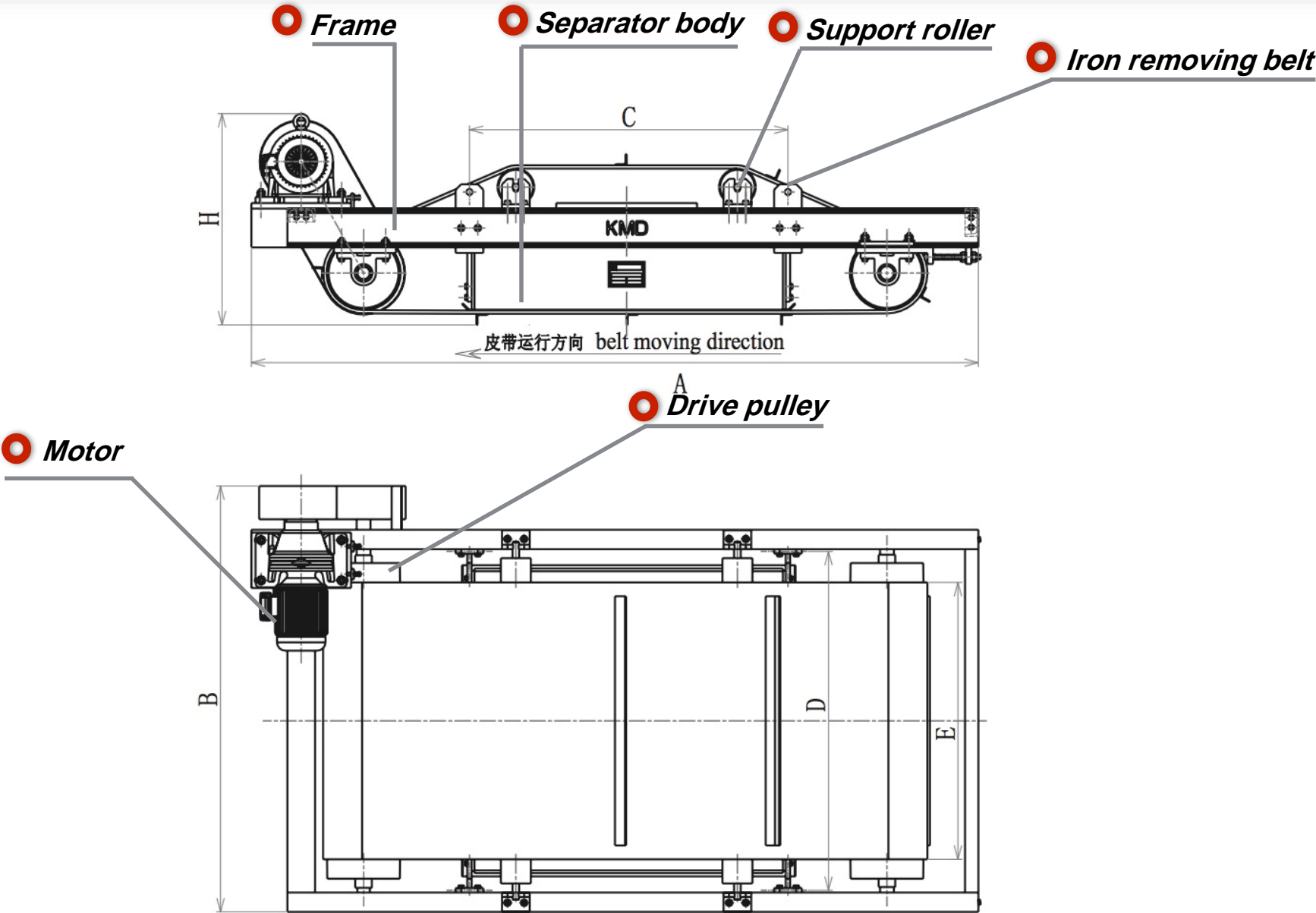
Separator on head

Separator on head

Separator on head

Separator in the middle

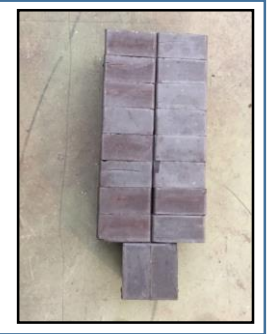
# 2.2 Separator Structure



- 1** Magnetic source: Permanent magnetic separator (Permanent magnets) & Electromagnetic separator (Excitation coils).
- 2** Iron discharging mode: Manual cleaning & Self cleaning.
- 3** Cooling type (Electromagnetic separators only): Natural cooling/ Fan cooling/ Oil cooling.



**NdFeB Magnets**  
(Strong)

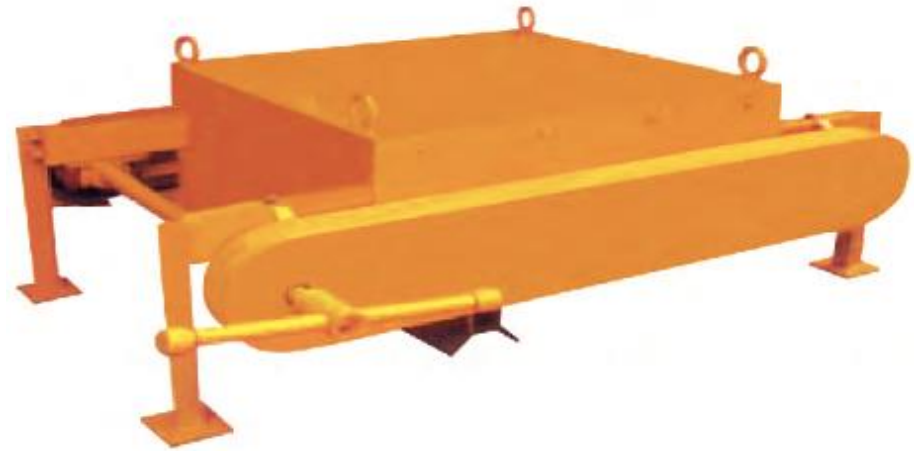


**Ferrite magnets**  
(Normal)



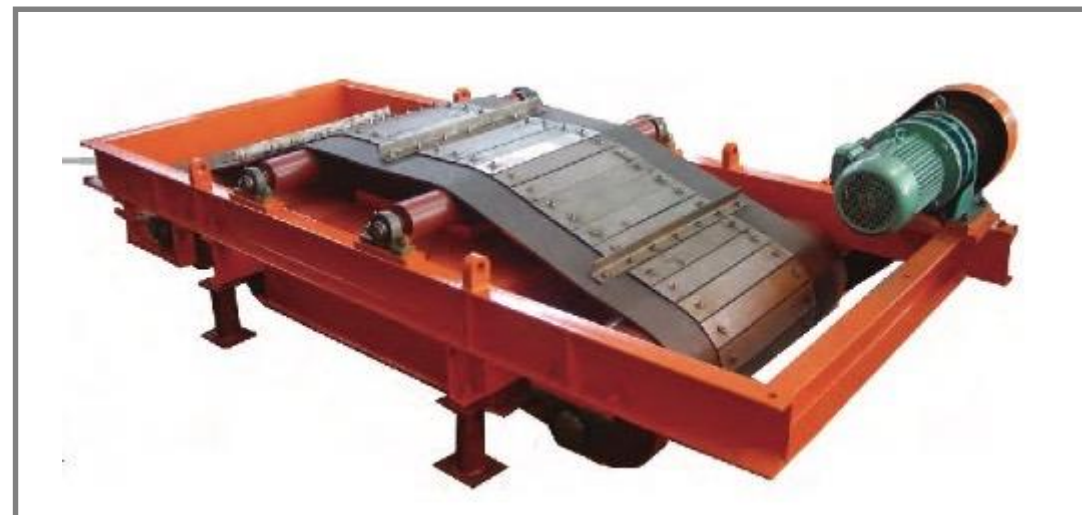
**Excitation coils**







**Belt Type**



**Armoured Belt Type**

- 1 Neither excitation power nor cooling system required.
- 2 Power-saving and low fault rate.
- 3 All technical datas as per JB/T 8711-1998 standards.
- 4 Decreasing rate of magnetic induction is  $\leq 5\%$ , within 10 years.



## Electromagnetic Separator



Electromagnetic Separator



Control Cabinet



**Natural Cooling Type**



**Fan Cooling Type**



**Oil Cooling Type**



**Belt  
Type**



**Ore-recovery Belt  
Type**



**Oil Cooling Belt Type**





**Electromagnetic wheel**



**Vertical ring high gradient separator**

01

The iron removal rate is over **95%**

02

Broad range of applications from powder particle **(30mesh-300mesh)** to iron weight **50kg**.

03

It uses **non-magnetic rolling manganese plate**, wear resistance and magnetic isolation performance are good.

04

Magnetic induction maximum can reach 14000Gs.

05

Our separator can work continuously under high temperature, dusty & damp environment.



**Iron bracket**



**Iron bracket with three-ply board**

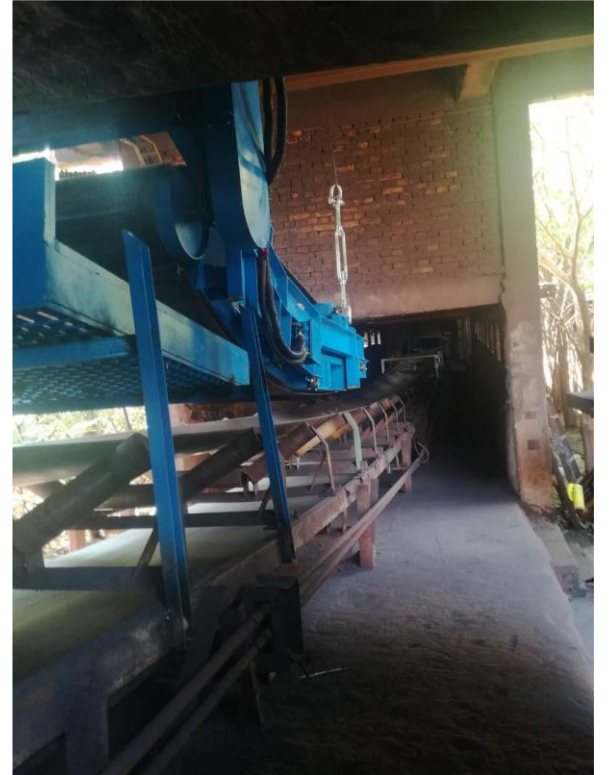


Feldspar

**Whiteness degree:**

Before	VS	Ore: 29.9%
After		Refined ore: 65%





01

Warranty period is 12 months after commissioning or 18 months.

02

We ensure you that we will keep providing technical support all the time and depute engineers if necessary.



### 3. Customers

01

We have more than 2100 customers all over the world, such as Baowu steel, Danieli Italy, BSP India, China Steel Taiwan, CSSC, etc.

02

Products have been exported to more than 40 countries such as Germany, American, Canada, Turkey, India, Vietnam, Australia, Indonesia, Iran, etc.



<b>1</b>	Over Belt Electromagnetic Separator	<b>Lincom Pty Ltd(Australia)</b>
<b>2</b>	Over Belt Electromagnetic Separator	<b>RiauPower Plant(Indonesia)</b>
<b>3</b>	Disk Electromagnetic Separator	<b>CEMEX Cement(Philippines)</b>
<b>4</b>	HGWS Magnetic Separator	<b>MERUS MINERAL(India)</b>
<b>5</b>	Permanent Magnetic Drum	<b>SEBUKU MINING Co.,Ltd (Indonesia)</b>
<b>6</b>	Permanent Over Belt Magnetic Separator	<b>SKK Steel Corporation(Philippines)</b>
<b>7</b>	Electromagnetic Separator	<b>Easter Sugar &amp;Cane Public Company Limited(Thailand)</b>
<b>8</b>	Over Belt Electromagnetic Separator	<b>SEBUKU MINING Co.,Ltd (Indonesia)</b>
<b>9</b>	Chute Type Electromagnetic Separator	<b>URC TOLOON Sugar Mill(Philippines)</b>
<b>10</b>	Over Belt Permanent Magnetic Separator	<b>SEBUKU MINING Co.,Ltd (Indonesia)</b>







# Thank you !

**ADVANCED TECHNOLOGY / PERFECT SERVICE / EXCELLENT QUALITY**

**Hunan Kemeida Electric Co., Ltd**

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Contact person: Kevin Yam

E-mail: [barback@foxmail.com](mailto:barback@foxmail.com)

Tel: +86-730-8793 919

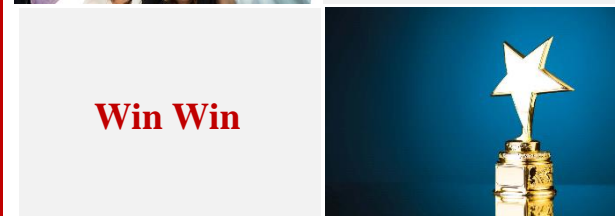
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Web: [www.kemeid.com](http://www.kemeid.com)



**Cooperation**



**Win Win**

**Insisit**



**Honor**



