Company Presentation

Slag Handling
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Our Products / Our Services

Material Handling Systems

RHC Heavy Machinery (Asia) Ltd.
Working with oversea manufacturers you will soon realize a very wide variation in mentalities, technical level and business maturity. Which could cause you a lot of embarrassments and problems.

We are a team of dedicated German and Chinese engineering and commercial professionals with over 200 years experience in heavy duty machinery and working with international companies.

Our company is specialized in industrial products and working with the most potential manufacturers in China/Asia, we make sure that your requirements are correctly understood and implemented. We make sure that the quality level and delivery time will be matched.
The RHC Team

The specialists working for RHC have a high reputation at the world market of heavy duty logistics and have a long experience in working for well known companies serving the heavy material handling equipment industry.

More than 30 years experience in the steel and shipbuilding industry, high-tech special transporters used at the aircraft industry, the space industry and research, etc. assure the most efficient and reliable equipment.

Since 2007 the specialists of RHC are cooperating with top ranking manufacturers in Asia and Europe for special transporters. The own engineering department, located in Germany and Shanghai, is the guarantee for top products.
The RHC History

The technology back-ground:

RHC Deutschland GmbH:

- 1966 – 1969 Daimler-Benz AG (Mercedes-Benz)
- 1969 – 1973 MAFI Germany (special transporters)
- 1973 – 1996 KAMAG
- 1996 – 2003 KIROW AG.
- 2003 – 2005 Scheuerle
- 2005 – 2011 R. Hofmann Consulting (independent)
- 2007 – 2010 Joint Venture company Tomac Shanghai
- Since 2012 RHC Deutschland GmbH, located at Senden/Germany and Shanghai/China with independent engineering and production facilities in China and Korea for transporters and steel mill carriers

RHC Heavy Machinery (Asia) Ltd.
The RHC History

Development of Slag Pot Carriers at KAMAG – Scheuerle – Kirow - Tomac
The RHC History

Development of Pallet Carriers at KAMAG – Kirow – Scheuerle - Tomac

RHC Heavy Machinery (Asia) Ltd.
The RHC Team at exhibitions

RHC junior team at APM Singapore

RHC at Internodal Africa/Durban
Our Organisation & Partners

RHC
China / Germany

Contract Management
Administration
Engineering
Quality control

Sales Team
Agencies/Dealers
After Sales and upgrade Services
Engineering Support Europe

RHM Nantong
Overhead Cranes

RHM Nantong
Dinson Cranes Shanghai
Harbour and Shipyard Cranes
Mining Equipment

RHC Shanghai
Rubber tired transporters
RKM Korea
Slag Pot Carirers

RHM Italy
Material Handler
Mobile Gantry Cranes

Wuxi July / MA-Steel
Equipment for Steel Mills
E-Cranes Belgium
Scrap Yard Cranes

Ecomaister Korea
Slag Handling & Slag Atomisation Systems
RHC select the suppliers and subcontractors according to very strict quality criterias. All our suppliers and partners have valid ISO 9001 certifications. We guarantee that all quality procedures and standards are kept according to the technical designs and the quality requirements of our customers.

We control the quality of the products and the various steel structures in agreement with European quality standards.

Components are welded and assembled by well trained personnel and all welders are certified and licensed. International quality certificates can be issued at any time.
RHC provides to customers perfect solutions to improve their slag treatment by implementing systems with higher efficiency, lower operating cost and high safety standards.

RHC’s experienced Specialists will inspect the job site, will coordinate the implementation of new technologies, will support for the best after sales service.
Slag Pot Carriers

**Carrier PF design**
- 2-axle line - up to 70 tons

**Carrier C design**
- 2-axle line - up to 150 tons

**Carrier U design**
- 3-axle line - up to 150 tons

**Carrier U-Frame design**
- 2-axle line - up to 150 tons

*RHC Heavy Machinery (Asia) Ltd.*
Slag Pot Carriers

Carrier C-type design with 25 ton and 180° dumping angle for Guatemala
Slag Pot Carriers

Platform design with 180° dumping angle
The new “C” type 80 ton slag pot carrier introduced and developed by RHC.
70 ton slag pot carrier
Slag Pot Carriers

Platform design with 180° dumping angle at Pomina Steel Vietnam

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carriers

Easy access to prime mover for maintenance
Slag Pot Carriers

Imported Cummins or CAT diesel engines are the heart of the slag pot carrier. Engines according to Euro II or Euro IV, depending on the local pollution regulations. Cummins and CAT are the guarantee for perfect international after sales service.
Slag Pot Carriers

DANA Clark torque converter and power shift transmission with flex coupling system and semi-automatic or full automatic gear shifting system

RHC Heavy Machinery (Asia) Ltd.
Stress Calculations for steel structures
Slag Pot Carriers

Dumping device with 180 degree dumping angle and soft knocking feature

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carriers

140 ton Slag Pot Carrier
U-Frame design
Perfect combination of platform and u-frame design
Picking up of slag pot behind the carrier
Spillages are not damaging the tires
Dumping of the slag pot behind the carrier prevents damages of the perfect protected tires.
Slag Pot Carriers

Dumping angle of 180° prevents deformations of the pots and extend service life
Dumping angle of 180° prevents knocking of the pots to get the skulls easily out.
Slag Pot Carriers

Perfect protections

RHC Heavy Machinery (Asia) Ltd.
The new “C” type slag pot carrier with upgraded protections.
Slag Pot Carriers

Kinemotion control system „Made in Germany“
Slag Pot Carriers

Perfect combination of platform and u-frame design
RHC Heavy Machinery (Asia) Ltd.

Slag Pot Carriers

Rear support with escape function
Driving with slag pot hanging behind the carrier for shorter pot replacement time
Drive axle from Kessler /Germany with wet disc brake for front axle as standard. Optional: for rear axles with wet disc brake.
Slag Pot Carriers

Hydraulic pumps
Bosch-Rexroth or Sauer-Danfos.

Hydraulic valves, manifolds, etc. Bosch-Rexroth and/or Sauer-Danfos

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carriers

Test of welding seams

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Slag Pot Carriers

Steering system
Installation of the hydraulics in protected area with easy access
Valves with emergency function
Articulated hinge connection with axle load compensation system

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carriers

80 ton slag pot carrier for Monnet Ecomaister
India/Korea

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carriers

70 ton slag pot carrier for Vietnam

RHC Heavy Machinery (Asia) Ltd.
Slag Pot Carrier 80/90 tons

The new “C” type slag pot carrier introduced and developed by RHC with 90° steering
Slag Pot Carrier PF type
Slag Pot Carrier C type

70 ton “C” type slag pot carrier for Kobe-Steel Japan
80 ton slag pot carriers in China
Transfer cars for slag
RHC is supplier for slag pots and provides also the design
Slag Atomisation

Slag Atomisation and ps ball production open the door for more economic use of slag.
Some of our international references

References for metallurgy industry:
- Hadeed Saudi Arabia
- ArcelorMittal Belgium
- ArcelorMittal France
- Sidetur Venezuela
- MultiServ ALZ Belgium
- MultiServ France (ArcelorMittal)
- VOEST Austria
- Hyundai Steel Korea
- Fuco Steel Vietnam
- ArcelorMittal Germany
- Monnet Ecomaister India
- Pomin Steel Vietnam
- Se Ah Steel Korea
- Chadormalu Iran
- Kobe Steel Japan
- Outotec Finland for Saudi Arabia
- CGN Guatemala
- POSCO Vietnam
- RTB Bor
- Vinakyeoi-Steel, Vietnam

References for shipbuilding and other industries
- Crist Gdynia Poland
- Garden Reach Shipbuilders India
- STX Shipbuilding
- Larsen & Toubro, Chennai India
- Longxue Shipbuilding Guangzhou China
- Guangzhou International Shipbuilding
- TSK Japan
- Houcon/ECT Rotterdam

Teeming Ladles
Teeming Ladles
Teeming Ladles
Scrap baskets
Scrap Basket Carrier
Pallet Carrier/Trailer systems
Trailer for hot slabs
Pallet Carriers
Slag Pot Carrier
Scrap Yard Cranes
Slag Pot Carrier
Slag Pot Carrier
Slag Pot Carrier
Ladle Turret, Ladles, Scrap Baskets
Slag Pot Carrier
Ladies, Transfercars, Cranes
Slag Pot Carrier
Slag Pot Carrier
Slag Pot Carrier – Slag Pots
Slag Pot Carrier – Slag Pots

Shipyard Transporter
Shipyard Transporter
Shipyard Transporters
Generator Transporter
Shipyard Transporter 570 tons
Shipyard Transporters 250 ton
Modular Transporters
Shipyard Transporter 200 ton
Thank you for your attention!