CR Express Development

北京跨欧亚国际货运代理有限公司
BEIJING TRANS EURASIA INTERNATIONAL LOGISTICS CO.LTD.

Service Dedicated, Rail Specialized

www.trans-eurasia.cn
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**Definition of CR Express**

*China Railway Express* (the abbreviation is "CR Express") is the China - Europe block train ferry, which is organized by the China Railway Corporation, has characters of fixed trips, routes, schedules and transit time, running in the container intermodal between China - Europe along the “the Belt and Road”.

It is an important carrier to promote countries' economy and trade cooperation along “the Belt and Road” as well as an important starting point for promoting the construction of “the Belt and Road”.

中欧班列 *CHINA RAILWAY EXPRESS*（简称 *CR Express*），是由中国铁路总公司组织，按照固定车次，线路，班期和全程运输时刻开行，运行于中国与欧洲以及“一带一路”沿线国家间的集装箱等铁路国际联运列车，是深化我国与沿线国家经贸合作的重要载体和推进“一带一路”建设的重要抓手。
2008.01
The first CR Express, an international container block train, set out from Beijing to Hamburg.

2011.03
The first HP block train set out from Chongqing to Duisburg.

2013
The government has proposed “the Belt and Road” initiative. Chengdu/ Zhengzhou/ Wuhan and other places have operated the CR Express one after another.

2016.04
YUXINOU (ChongQing) Logistics Co., LTD was founded.

2017
In 2017, the cumulative number of CR Express trains are 3,673, with 57 operating routes, 35 domestic departure cities, 34 arrival foreign cities in 12 European countries.

2018
In 2018, the cumulative numbers of CR Express trains are 6,363, a year-on-year increase of 73%. Among them, numbers of Eastbound block reach 2690, a year-on-year increase of 111%. There are 56 domestic cities in operation, which can reach 49 cities in 15 European countries.

CR Express, the unified brand of China - Europe block train.
The number of CR Express in the calendar year

2011-2018 CR Express Operating Conditions

- 2011: 17
- 2012: 42
- 2013: 80
- 2014: 308
- 2015: 815
- 2016: 1702
- 2017: 3673
- 2018: 6363
CR Express development forecast

Market size over the next 10 years

<table>
<thead>
<tr>
<th>Year</th>
<th>Railway transport volume</th>
<th>Change to railway from sea</th>
<th>Change to rail from air</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>141</td>
<td>30</td>
<td>276</td>
</tr>
<tr>
<td>2027</td>
<td>636</td>
<td>30</td>
<td>276</td>
</tr>
<tr>
<td>2030</td>
<td>810</td>
<td>30</td>
<td>276</td>
</tr>
</tbody>
</table>

Unit: Thousand TEU
Data Sources: DB Analysis

63.6万TEU=21列/天
21 trains/day

81万TEU=27.4列/天
27.4 trains per day
Transportation corridor of CR Express
Main running cites of CR Express in China

**Central Region:** Wuhan, Changsha, Zhengzhou

**Eastern Region:** Yiwu, Hefei

**Southwest Region:** Chongqing, Chengdu

**Northeast Region:** Ha'erbin, Dalian, Shenyang

**Northwest Region:** Xi'an, Urumqi, Lanzhou

**Southern Region:** Xiamen, Guangzhou, Shenzhen
Take Xi'an Block Train as an Example

**Domestic Train Service TO/FM Xi'an**
- SHANGHAI <-> XI'AN
- NINGBO <-> XI'AN
- QINGDAO <-> XI'AN
- GUANGZHOU <-> XI'AN

**CN <-> EU Block Train Service**
- XI'AN <-> HAMBURG E.T/T:15D
- XI'AN <-> DUISBURG E.T/T:15D
- XI'AN <-> MALA E.T/T:11D
- XI'AN <-> MANNHEIM E.T/T:16D

**CN <-> Eastern of EU Block Train Service**
- XI'AN <-> PRAGUE E.T/T:14D
- XI'AN <-> VIENNA E.T/T:16D
- XI'AN <-> BRATISLAVA E.T/T:16D
- XI'AN <-> BUDAPEST E.T/T:16D

**Japan/Korea <-> EU Sea+Block Train Service**

<table>
<thead>
<tr>
<th>FOREIGN DEPARTURE PORT</th>
<th>ARRIVAL STATION</th>
<th>TRANSIT TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sea port of Korea</td>
<td>PRAGUE</td>
<td>20-24D</td>
</tr>
<tr>
<td>Sea port of Japan</td>
<td>VIENNA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BUDAPEST</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MALA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HAMBURG</td>
<td></td>
</tr>
</tbody>
</table>

**Main Shipping Routes**
- Main Rail Route
- Main Shipping Route

**Additional Information**
- Rail Terminal
- Reloading Point
CR Express Product Service --

Take Xiamen Block Train as an Example

**CN <-> EU BLOCK TRAIN SERVICE (WESTBOUNDED)**

- Xiamen -> Malaszevice
- Xiamen -> Hamburg E.T/T: 15-17D
- Xiamen -> Duisburg E.T/T: 15-17D

**Most Sea Ports Of Japan -> Xiamen -> Malaszevice E.T/T: 21D**
- Most Sea Ports Of Japan -> Xiamen -> Duisburg E.T/T: 24D
- Most Sea Ports Of Japan -> Xiamen -> Hamburg E.T/T: 24D
  - Ho Chi Minh -> Xiamen -> Malaszevice E.T/T: 19D
  - Ho Chi Minh -> Xiamen -> Duisburg E.T/T: 23D
  - Ho Chi Minh -> Xiamen -> Hamburg E.T/T: 23D

**SUPPLY MARINE TRANSPORT BUSINESS SERVICES**

<table>
<thead>
<tr>
<th>FOREIGN DEPATURE PORT</th>
<th>ARRIVAL STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most Sea Ports Of Korea</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Most Sea Ports Of Japan</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Ho Chi Ming City</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Singapore</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Port Klang</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Bangkok</td>
<td>Xiamen</td>
</tr>
<tr>
<td>Jakarta</td>
<td>Xiamen</td>
</tr>
</tbody>
</table>

**CN <-> EU BLOCK TRAIN SERVICE**

- Xiamen -> Malaszevice
- Xiamen -> Hamburg E.T/T: 12-13D
- Xiamen -> Duisburg E.T/T: 15-17D

**Most Sea Ports Of Japan -> Xiamen -> Malaszevice E.T/T: 12-13D**
- Most Sea Ports Of Japan -> Xiamen -> Duisburg E.T/T: 15-17D
- Most Sea Ports Of Japan -> Xiamen -> Hamburg E.T/T: 15-17D
  - Ho Chi Minh -> Xiamen -> Malaszevice E.T/T: 19D
  - Ho Chi Minh -> Xiamen -> Duisburg E.T/T: 23D
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**Take Xiamen Block Train as an Example**

- Xiamen -> Malaszevice
- Xiamen -> Hamburg E.T/T: 15-17D
- Xiamen -> Duisburg E.T/T: 15-17D

**Most Sea Ports Of Japan -> Xiamen -> Malaszevice E.T/T: 21D**
- Most Sea Ports Of Japan -> Xiamen -> Duisburg E.T/T: 24D
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  - Ho Chi Minh -> Xiamen -> Hamburg E.T/T: 23D

**Supply Marine Transport Business Services**

- Xiamen as Departure Port
- Supply Marine Transport Business Services

**Main Rail Route**

- Rail Terminal
- Reloading Point
- Domestic Rail Route
- Main Rail Route
- Main Shipping Route
CR Express Product Service --

Take China - Russia Block Train as an Example

- **FOREIGN DEPARTURE PORT**
  - Sea Ports of Korea/
    - Sea Ports of Japan/
    - Sea Ports of Southeast Asia
- **DOMESTIC DEPARTURE STATION**
  - CHONGQING/WUHAN/CHANGCHUN/SHENYANG etc.
- **BORDER**
  - Manzhouli
- **ARRIVAL STATIONS IN RUSSIA**
  - Covering all main stations in Russia

**CR Express Product Service**

- **Rail Terminal**
- **Reloading Point**
- **Domestic Rail Route**
- **Main Rail Route**
- **Main Shipping Route**
The comparative advantage of railway transportation

### Cheaper than Air
### Faster than Sea

Sea freight has high capital costs, is slow, and is only available for specially equipped ports. Air freight is expensive, low-capacity, and harms the environment.

- Rail freight has high-capacity
- Reliable
- Environmentally friendly

### Green

Protecting the environment is a responsibility we all share.

Our trains produce approximately 95% less CO2 emission than air freight, and less than one-third of the emissions produced by road.

### Reliable & Safe

- Weather doesn’t affect rail
- Weekends don’t affect rail
- Rail doesn’t stop
- Neither do we

With our custom security options and full-service support, you can be confident your freight will arrive safely & on time.
Problems encountered by CR Express

- **Market Demand**
  - Explosive growth

- **Transport Organization**
  - Lack of infrastructure along the route
  - Congestion at the border

- **Operational mechanism**
  - Lack of attention to market demand
We are International Freight Forwarder
to serve global leading logistics companies with main business on intermodal transport between China(or transit via China) to Russia and Europe;

We are independent Rail Operator
to serve China-Europe block train initiator/organizer on block train operation between CIS and European part;

Service scope:
Block transport related to CR Express, FCL or LCL, sea and rail transport, European railway distribution, trailer service, customs declaration, reefer container leasing, container leasing, etc.