ZZHZ

Engineering Construction Cases

Believe us

Believe safety

Zhengzhou Huazhong Construction Machinery Co.,Ltd.

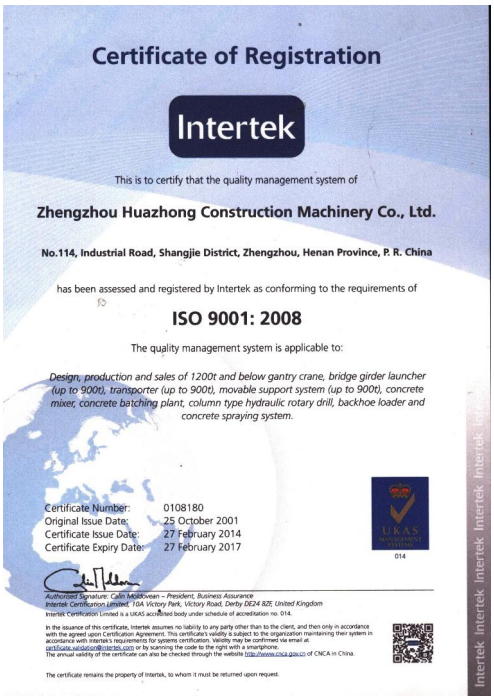
About ZZHZ

Located in Zhengzhou, central China, ZZHZ (Zhengzhou Huazhong Construction Machinery Co., Ltd) was founded to produce construction machinery with a land coverage area 60,000 square meters in December 17, 1992. ZZHZ started to design, fabricate highway bridge construction machinery since 1999, railway and high speed railway bridge construction machinery since 2005.

ZZHZ has obtained production license issued by China General Administration for Quality Supervision, Inspection and Quarantine, and got ISO9001:2008 quality system certification and CE certification. To have more powerful development ability, ZZHZ starts cooperations with China famous universities such as Southwest Jiaotong University, Dalian University of Technology and Wuhan University of Technology.

ZZHZ products are widely used in highway, railway and high speed railway bridge construction projects in domestic market; meanwhile they are exported to many countries such as Vietnam, Singapore, India, Indonesia, Sri Lanka, Saudi Arabia, Qatar, and Morocco.

ZZHZ Certificates:



Certificate of Registration

Intertek

This is to certify that the quality management system of

Zhengzhou Huazhong Construction Machinery Co., Ltd.

No.114, Industrial Road, Shangjie District, Zhengzhou, Henan Province, P. R. China

has been assessed and registered by Intertek as conforming to the requirements of

ISO 9001: 2008

The quality management system is applicable to:

Design, production and sales of 1200t and below gantry crane, bridge girder launcher (up to 900t), transporter (up to 900t), movable support system (up to 900t), concrete mixer, concrete batching plant, column type hydraulic rotary drill, backhoe loader and concrete spraying system.

Certificate Number: 0108180
Original Issue Date: 25 October 2001
Certificate Issue Date: 27 February 2014
Certificate Expiry Date: 27 February 2017

014

Authorised Signature: Colin Middlemiss – President, Business Assurance
Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom
Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone.
The annual validity of the certificate can also be checked through the website http://www.cnca.gov.cn of CNCA in China.

The certificate remains the property of Intertek, to whom it must be returned upon request.

Intertek Intertek Intertek Intertek Intertek Intertek

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Attestation of Compliance
No. 1J121030/ZHC1610

Certificate's Holder: Zhengzhou Huazhong Construction Machinery Co.,Ltd
No.114, Industrial Road, Shangjie District, Zhengzhou City, Henan Province, China

Product: Bridge Girder Launcher
Model(s): HZQ50-200t, HZQ550t, HZQ900t, HZQ600t.

Directives: 2006/42/EC Machinery
2006/95/EC Low Voltage
2004/108/EC Electromagnetic Compatibility

Standards: EN ISO 12100:2010, EN 15011:2011, EN 60204-1:2006+AC:2010, EN 60204-32:2008, EN 61000-6-2:2005/AC:2005, EN 61000-6-4:2007+A1:2011.

Remark: This document has been issued upon a review of the datasheets and of the Technical Construction File. The appliance is considered to meet the requirements of the above standards, therefore to fulfil the requirements of the above listed Directives.
This Document is only valid for the equipment and configuration described and in conjunction with the test data detailed above. Nevertheless the Manufacturer is not exempted to perform all the necessary activities before issuing the Declaration of Conformity. In case the appliance is modified or the appliance will be equipped with Accessories not specified in the Manufacturer Operator Manual, it is recommended to get in touch with Ente Certificazione Macchine for EC validity extension.

Date of issue OCTOBER 2012 — Expiry date 29/10/2017

Ente Certificazione Macchine S.R.L.
Via Minco,388 - 41056 Savignano s/P. (MO) - ITALY -
☎ +39 059 763736 +39 059 766306 🖷 +39 059 761838 ✉ info@entecerma.it 🖳 www.entecerma.it

中华人民共和国
特种设备制造许可证
Manufacture License of Special Equipment
People's Republic of China
（起 重 机 械）

编号：TS2410681-2018

单位名称：郑州市华中建机有限公司
单位地址：河南省郑州市上街区工业路 114 号
制造地址：河南省郑州市上街区工业路与淮阳路交叉口东北角
经审查，获准从事下列起重机械的制造：

类型	级别	型式	型号/参数
桥式起重机	A	架桥机	HZQ 型 200t 及以下、HZQF 型 230t 及以下
	A	通用桥式起重机	QDG 型 200t 及以下
门式起重机	A	通用门式起重机	MG_{HZ} 型 90t 及以下、MDE_{HZ} 型 120t 及以下、MG_{Y} 型 200t 及以下、MDE 型 200t 及以下、ME_{HZ} 型 160t 及以下
	A	造船门式起重机	MU 型 120t 及以下

审批机关：国家质量监督检验检疫总局　发证机关：
有效期至：2018 年 5 月 26 日　发证日期：2014 年 5 月 22 日

国家质量监督检验检疫总局制

中华人民共和国
特种设备制造许可证
Manufacture License of Special Equipment
People's Republic of China
（起 重 机 械）

编号：TS2410061-2007B

单位名称：郑州市华中建机有限公司
制造地址：河南省郑州市上街区工业路 114 号
型式试验合格，获准下列起重机械产品制造：

类型	型式	型号/参数
超大型起重机械	架桥机	HZQ 型 500t HZQ 型 550t HZQ 型 900t HZP 型 1600t THQ 型 900t HZQB 型 600t
	通用门式起重机	MG_{HZ} 型 450t MG_{HZ} 型 500t MG_{HZ} 型 900t MG_{HZ} 型 1200t ME_{HZ} 型（450+450）t ME_{HZ} 型 500t MEL 型 900t

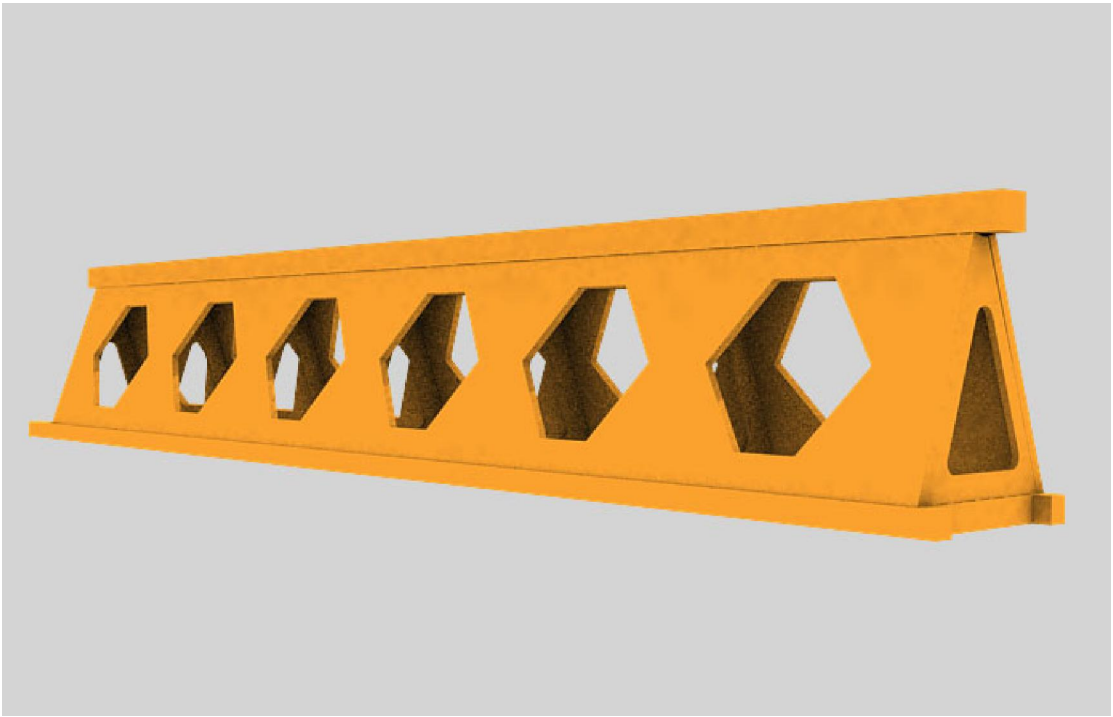
审批机关：国家质量监督检验检疫总局　发证机关：
发证日期：2007 年 5 月 22 日
变更日期：2014 年 9 月 23 日

国家质量监督检验检疫总局制

Main advantages:

1. Design, fabrication and construction of lifting machinery;

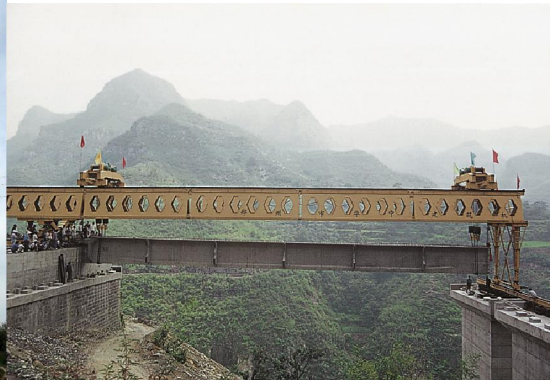
2. Pioneering design all-the-world and adoption of isosceles triangle honeycomb type main girder;



Main bridge construction types in China:

A.Installation of bridge girders for highway with a speed 120km/h.

Highway design is usually of bi-directional and 4 lanes design with two paralleling piers in a row, each pier is placed 5 pieces of concrete girders, each girder weight 80-200t, length 30-50m. HZQ series highway launching girder is popular in highway bridge construction.



B.Installation of bridge girders for railway with a speed at 120km/h.

common railway is usually of single lane design with 2 concrete girders on each pier, double lanes design with 4 concrete girders on 2 piers, each girder weight 160t, length 32m. HZQ165T launching girder is specially designed for above bridge.

C.Installation of bridge girders for inter-city railway with a speed at 200km/h.

urban light rail is usually of double lanes design with 1 concrete HZQ500 railway launching girder is specially designed for above bridge.

D.Installation of bridge girders for high speed railway with a speed at 250km/h.

high speed railway is of double lanes design with 1 concrete girder on one pier, each girder weight 900t, length 24m or 32m. HZQ900T launching girder is specially designed for high speed railway.








Note:

Above 4 kinds of concrete girders are produced at a large quantity in special pre-cast yard, then lifted onto special girder carrier by gantry crane and transported to proper position so that the launching girder can install girders. The construction way needs a large pre-cast yard but features short construction period and high efficiency.


中铁十六局集团有限公司

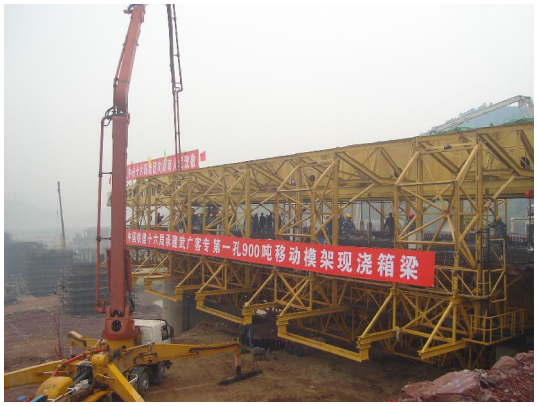

中 交 西 航 局
华中建机

E.cast-in-site concrete girders on two piers, namely MMS

pour one piece of girder on two piers, 1 week later move forward to produce another girder, girder weight 650t or 900t or 1000t, it is divided into MZ series upstroke movable scaffolding system and MSS series downstroke movable scaffolding system. The construction method suits highway and high speed railway projects with less concrete girders, long working period.


中交三航局


2007 6 2


900吨移动模架现浇箱梁


中铁十六局


与时俱进 再创辉煌

F.Segments assembly then integral tension method on piers.

Pre-fabricate concrete segments in advance in pre-cast yard, then transport segments to proper position so that segments assembly launching girder can bond and install all segments in one span, then tension the whole span before erection of the next girder. The construction method suits highway and high speed railway projects with less concrete girders and long working period, especially suits to construct above the river. HZP series launching girder and girder carrier are necessary in above working condition.


海
灣
華
振

Foreign Engineering

Guinea engineering

Arabia engineering

Cameroon engineering

Singapore engineering

Vietnam engineering

Ghana engineering