

ZOOMLION

H e a v y I n d u s t r y & S c i e n c e

■ HBT 系列混凝土泵
HBT series of concrete pump



中联重科

ZOOMLION

创造重工与科技的完美结合

A golden combination of heavy industry
by science and technology

国际科技合作 世界顶级品牌独特支持

In cooperation with international science and technology
Be uniquely supported by the world famous brands

汇世界名优配套件之精华；集多年科研、设计、制造之经验。
Have accumulated the best world famous component parts and enriched
the experiences in scientific research.

ZOOMLION



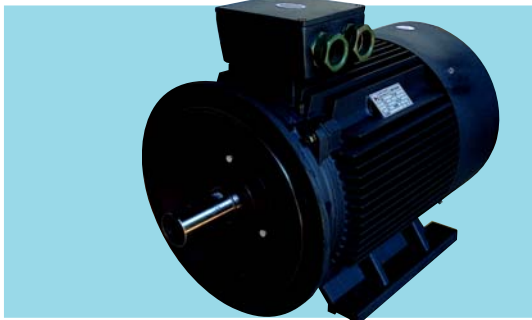
中联重科拥有国内最先进的混凝土泵生产线和测试检验设备，共生产两大系列二十多种类型的混凝土泵，为国内之最，可以满足客户的各种要求。中联混凝土泵以其优越的性能，稳定的质量以及完善的售前售后服务体系，得到了广大用户的一致认同。

ZOOMLION has the most advanced production line and test facility and produces two series of more than twenty kinds of concrete pumps. They are able to meet the users' various requirements.
ZOOMLION concrete pumps have already been approved by the users because of the good performance, the best quality and satisfaction in service before or after selling.

HBT 电动机混凝土泵系列
HBT series of electric concrete pump



HBT 柴油机混凝土泵系列
HBT series of Diesel engine concrete pumps



采用国内知名品牌电机
Fitted with The famous Brand of Chinese electric motor



采用德国道依茨原装柴油机
Fitted with German DEUTZ diesel engine

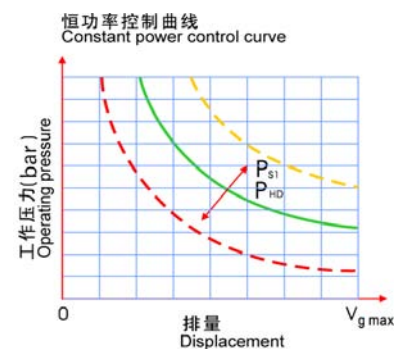
液压系统

双泵双回路是中联混凝土泵的突出优势

更是高可靠、长寿命、低消耗的强劲依托

Hydraulic system

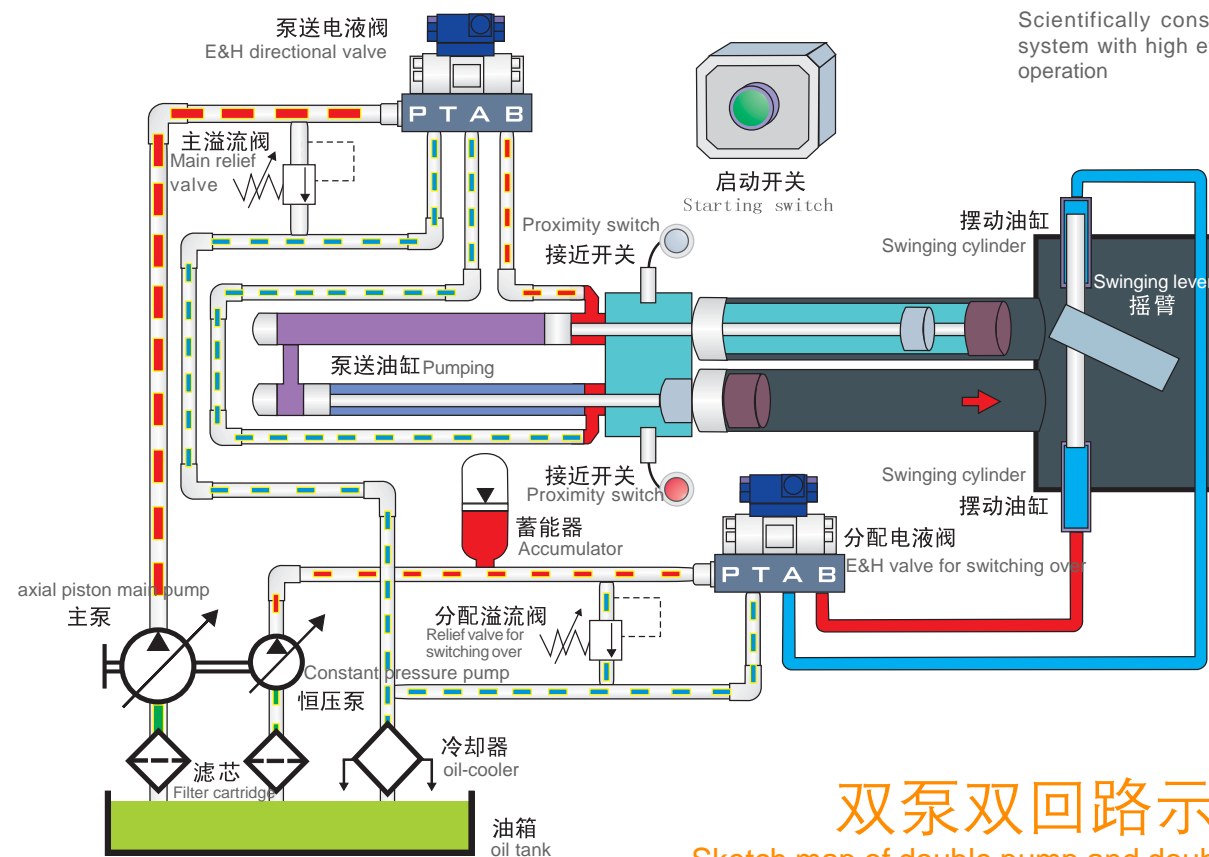
The double pump and double-circuit are the undisputed superiority and especially the strong support of high reliability, long service life, and low consumption.



科学的恒功率控制

保证系统高效，低耗的使用

Scientifically constant power control ensures the system with high efficiency and low consumption in operation



双泵双回路示意图

Sketch map of double pump and double circuit

两副重担，一人承担，难免未老先衰。
Too heavy for one person to bear



两副重担，两人承担，自然寿命长。
Much easier for two persons to bear two burdens, the nature life is prolonged

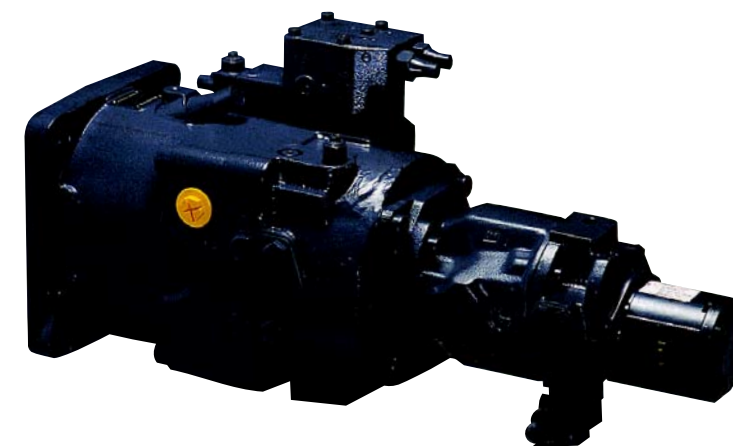


高品质的可靠保证

全套采用原装进口德国力士乐液压元件是高品质的可靠保证

The best quality of being reliability

The best quality is ensured by the whole system of imported German REXROTH hydraulic components



◀ 液压开式系统采用双泵双回路

The hydraulic opened system adopts double pump double circuit

唯一拥有多种类型液压回路

The uniquely possessed various kinds of hydraulic circuits

▼ 液压系统采用单泵顺序回路

The hydraulic system adopts single pump sequence circuit.



▲ 液压闭式系统采用双向斜盘柱塞式主油泵

Hydraulic closed system adopts double direction piston swash plate main pump

控制系统

率先推出 PLC 控制系统，使各部件
工作更准确、更协调、更可靠

Control system

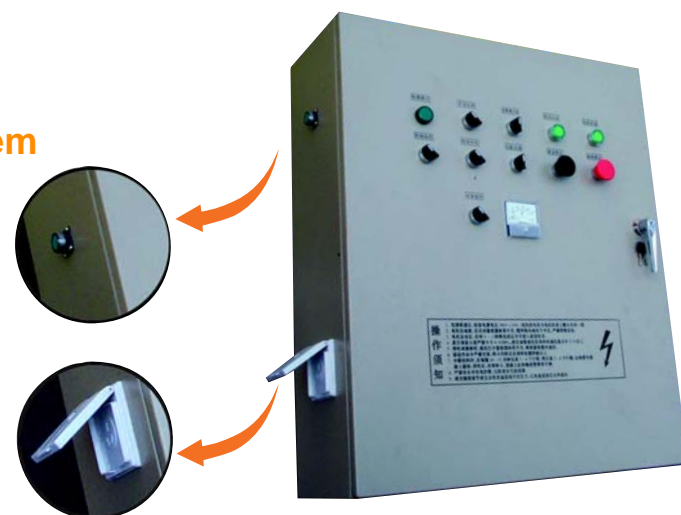
The first to adopt PLC control system in order to keep
every part operating more accurate, more coordinate
and more reliable

可接驳有线遥控装置

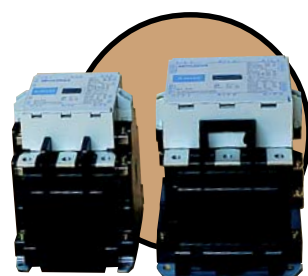
Wire remote control makes the operator work more conveniently

安全电源插座

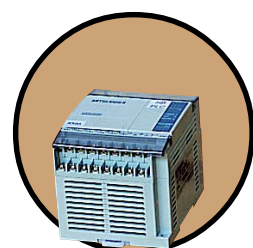
Electric source socket



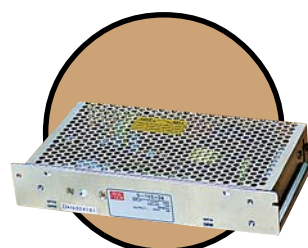
高品质的进口元器件，使得控制系统更完美
High quality imported units and parts perfect the control system



三菱接触器
Mitsubishi contactor

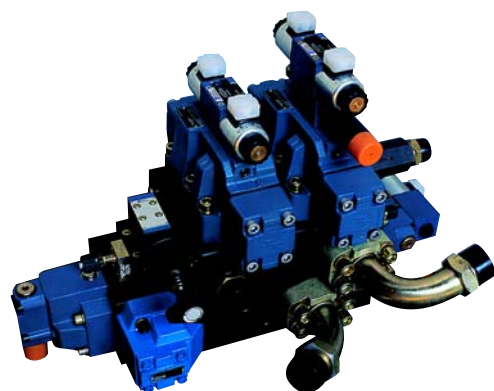


PLC



一体化电源
Integral electric source

高度集成的电液控制阀组
The directional valve is composed of
E&H control valve.



软启动装置
Soft starting



材料及结构

材料——精心研究、精工打造让您绝无任何后顾之忧

结构——以人为本、体贴入微最大限度降低工作强度

Materials and structure

Materials--The scientific research and modern process make
you away from worrying about.

Structure--Human being the first. Doing best to decrease labor strength.



优化设计的料斗
The optimum designed hopper



新型浮动密封支承搅拌机构

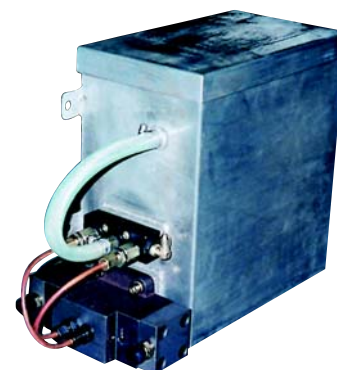
New type floating sealing supported mixing device



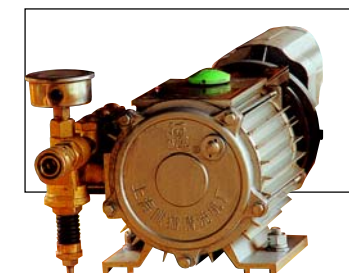
方便适用的工具箱
Convenient tool box



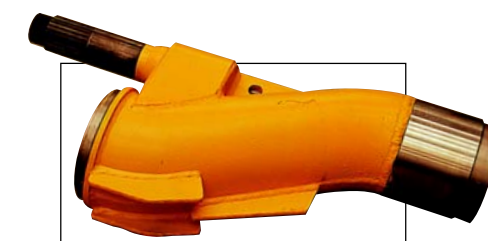
▲ 专用耐磨材料的眼镜板、切割环
The glasses plate and cutting ring made
by specific, antifriction materials



◀ 新型随动双柱塞油泵
New type random twin-piston pump



配备高压清洗机
Fitted with high pressure washing machine



嵌套式 S 管阀
Sleeving S tube valve

光辉岁月、经典历程
Glorious years、honored history

我们是建设机械的专家！
We are worthy experts of construction machinery

1999 年

In 1999 首次突破 **348** 米
For the first time up to 348m

1998 年 国产泵输送高度首次突破 **200** 米

In 1998 The first time for Chinese concrete pump to pump up to 200 m

1994 年
国产泵输送高度首次突破 **100** 米

In 1994

The first time for the Chinese concrete pump to break 100m record



深圳新世界大厦
Shenzhen New World Building



上海浦东国际金融大厦
Shanghai Pudong International Finance Building



澳门观光电视塔
Macao Sightseeing Tower

1999 年 挺进青藏高原

In 1999 Drove on to Qingzhang plateau

2000 年

突破国产泵向下输送混凝土落差之最 **160** 米

In 2000

Break the record of Chinese concrete pump to pump downward to a drop of 160m.



川藏公路二郎山隧道
Erlang Mountain Tunnel of Chuanzang Highway



湖北宜昌水布垭水电站工程
Shuibuga hydroelectric station in Yichang, Hubei,



1998 年

创国产泵水平输送距离之最 **1000** 米

浙江钱塘江防洪大堤

In 1998

Get the record of 1000m, the longest horizontal delivery of Chinese concrete pump.

Qian Tang River Flood Control Dyke, Zhejiang.

中联重科服务宣言：

Declaration of ZOOMLION:

我们的服务永远超越契约！

Our service is always far beyond what we have promised!

售后服务全国联网互动——我们的服务与您近在咫尺。

24小时服务承诺——迅捷回应，第一时间为您排忧解难。

标准化服务流程——让您享受中联重科“五星级”服务。

远程监控技术服务体系——每台产品的工作状况，我们尽在掌握。

Service after sales on internet—Our service is at your side. 24Hours' service—immediate reply to solve your problem at once. Standard service procedure—ZOOMLION offers you "five stars" service. System of remote monitored system—Take working circumstance of every machine from ZOOMLION into our consideration.

您只需使用我们的产品，其他的，我们来做！

What you have to do is only to make good use of our machine.

Other things will be done by us!

HBT 系列混凝土泵
HBT series of concrete pump

HBT80.13.132T



技术参数
Technical data

| | | HBT80.13.132T |
|--|------|--------------------|
| 最大理论混凝土输送量 Max.thero.concrete output | m³/h | 78/51 |
| 最大泵送混凝土压力 Max.concrete pumping pressure | MPa | 13.6/8.77 |
| 功率 Power | kW | 132 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 230/1800 |
| 料斗容积 Hopper capacity | m³ | 0.8 |
| 上料高度 Filling height on supports | mm | 1400 |
| 外形尺寸 Overall dimensions | mm | 6300 × 2100 × 2250 |
| 整机质量 Total weight | kg | 6800 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT60.13.90S HBT80.13.110S

HBT60.16.110S HBT80.16.110S

 **ZOOMLION**

技术参数 Technical data



| | | HBT60.13.90S | HBT60.16.110S | HBT80.13.110S | HBT80.16.110S |
|---|------|----------------|----------------|----------------|----------------|
| 最大理论混凝土输送量 [低压 / 高压] Max.thero.concrete output(L./H.) | m³/h | 69/43 | 67/45 | 81/40 | 80/50 |
| 最大泵送混凝土压力 [高压 / 低压] Max.concrete pumping pressure(H./L.) | MPa | 13/7 | 16/11 | 13/6 | 16/9 |
| 功率 Power | kW | 90 | 110 | 110 | 110 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/1800 | φ 200/1800 | φ 200/1800 | φ 200/1800 |
| 料斗容积 Hopper capacity | m³ | 0.8 | 0.8 | 0.8 | 0.8 |
| 上料高度 Filling height on supports | mm | 1400 | 1400 | 1400 | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 270/1200 | 350/1500 | 270/1200 | 350/1500 |
| 外形尺寸 Overall dimensions | mm | 6300x2100x2250 | 6300x2100x2250 | 6300x2100x2250 | 6300x2100x2250 |
| 整机质量 Total weight | kg | 6500 | 6700 | 6700 | 6700 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT60.7.75ZA

ZOOMLION

可提供轨道式混凝土泵，专为隧道施工设计

Railway concrete pump may be supplied. Is specially designed for tunnel construction

技术参数

Technical data



| HBT60.7.75ZA | | |
|--|------|----------------|
| 最大理论混凝土输送量 Max.thero.concrete output | m³/h | 67 |
| 最大泵送混凝土压力 Max.concrete pumping pressure | MPa | 7 |
| 功率 Power | kW | 75 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/1400 |
| 料斗容积 Hopper capacity | m³ | 0.6 |
| 上料高度 Filling height on supports | mm | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 110/550 |
| 外形尺寸 Overall dimensions | mm | 5850x2100x2250 |
| 整机质量 Total weight | kg | 5800 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT80.8.132RZ

ZOOMLION

技术参数

Technical data



| | | HBT80.8.132RZ |
|--|------|----------------|
| 最大理论混凝土输送量 Max.thero.concrete output | m³/h | 80 |
| 最大泵送混凝土压力 Max.concrete pumping pressure | MPa | 8 |
| 功率 Power | kW | 132 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/1650 |
| 料斗容积 Hopper capacity | m³ | 0.6 |
| 上料高度 Filling height on supports | mm | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 130/650 |
| 外形尺寸 Overall dimensions | mm | 6600x2100x2600 |
| 整机质量 Total weight | kg | 6300 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT60.16.161(162)RS HBT80.13.161(162)RS

HBT80.16.181RS



技术参数

Technical data



| | | HBT60.16.161(162)RS | HBT80.13.161(162)RS | HBT80.16.181RS |
|---|-------------------|---------------------|---------------------|----------------|
| 最大理论混凝土输送量 [低压 / 高压] Max.thero.concrete output(L./H.) | m ³ /h | 70/51 | 95/60 | 84/50 |
| 最大泵送混凝土压力 [高压 / 低压] Max.concrete pumping pressure(H./L.) | MPa | 16/11 | 13/7 | 16/9 |
| 功率 Power | kW | 161 | 161 | 181 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | m m | φ 200/1800 | φ 200/1800 | φ 200/1800 |
| 料斗容积 Hopper capacity | m ³ | 0.8 | 0.8 | 0.8 |
| 上料高度 Filling height on supports | m m | 1400 | 1400 | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 350/1500 | 270/1200 | 350/1500 |
| 外形尺寸 Overall dimensions | m m | 6300x2100x2600 | 6300x2100x2600 | 6250x2100x2675 |
| 整机质量 Total weight | kg | 6500 | 6500 | 6500 |

HBT 系列混凝土泵
HBT series of concrete pump

HBT100.16.181RS

HBT105.21.286RS

HBT125.17.286RS



技术参数
Technical data

| | | HBT100.16.181RS | HBT105.21.286RS | HBT125.17.286RS |
|---|------|-----------------|-----------------|-----------------|
| 最大理论混凝土输送量 [低压 / 高压] Max.thero.concrete output(L./H.) | m³/h | 100/70 | 105/65 | 127/79 |
| 最大泵送混凝土压力 [高压 / 低压] Max.concrete pumping pressure(H./L.) | MPa | 16/11 | 21/13 | 17/10 |
| 功率 Power | kW | 180 | 286 | 286 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/2100 | φ 200/2100 | φ 200/2100 |
| 料斗容积 Hopper capacity | m³ | 0.8 | 0.9 | 0.9 |
| 上料高度 Filling height on supports | mm | 1400 | 1400 | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 350/1500 | 450/2200 | 380/1600 |
| 外形尺寸 Overall dimensions | mm | 6760x2100x2840 | 6760x2100x2940 | 6760x2100x2940 |
| 整机质量 Total weight | kg | 7500 | 8200 | 8200 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT50.13.90S

HBT60.10.75S

 **ZOOMLION**

技术参数

Technical data



| | | HBT50.13.90S | HBT60.10.75S |
|---|------|----------------|----------------|
| 最大理论混凝土输送量 [低压 / 高压] Max.thero.concrete output(L./H.) | m³/h | 66/40 | 63/33 |
| 最大泵送混凝土压力 [高压 / 低压] Max.concrete pumping pressure(H./L.) | MPa | 13/7 | 10/5 |
| 功率 Power | kW | 90 | 75 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/1650 | φ 180/1400 |
| 料斗容积 Hopper capacity | m³ | 0.8 | 0.6 |
| 上料高度 Filling height on supports | mm | 1400 | 1280 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 270/1200 | 200/1000 |
| 外形尺寸 Overall dimensions | mm | 6000x2100x2250 | 5300x1950x1840 |
| 整机质量 Total weight | kg | 5800 | 3800 |

HBT 系列混凝土泵

HBT series of concrete pump

HBT60.7.75ZA

ZOOMLION

可提供轨道式混凝土泵，专为隧道施工设计

Railway concrete pump may be supplied. Is specially designed for tunnel construction

技术参数

Technical data



| HBT60.7.75ZA | | |
|--|------|----------------|
| 最大理论混凝土输送量 Max.thero.concrete output | m³/h | 67 |
| 最大泵送混凝土压力 Max.concrete pumping pressure | MPa | 7 |
| 功率 Power | kW | 75 |
| 混凝土输送缸缸径 / 行程 concrete cylinder diameter/stroke | mm | φ 200/1400 |
| 料斗容积 Hopper capacity | m³ | 0.6 |
| 上料高度 Filling height on supports | mm | 1400 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 110/550 |
| 外形尺寸 Overall dimensions | mm | 5850x2100x2250 |
| 整机质量 Total weight | kg | 5800 |

HBT 系列混凝土泵
HBT series of concrete pump

HBT80.8.90Z



技术参数
Technical data

| | | HBT80.8.90Z |
|--|------|--------------------|
| 最大理论输送量 Max.thero.concrete output | m³/h | 80 |
| 最大泵送砼压力 Max.concrete pumping pressure | MPa | 8 |
| 功率 Power | kW | 90 |
| 最大理论输送距离 [垂直 / 水平] Max.thero.delivery distance(V./H.) | m | 130/650 |
| 外形尺寸 Overall dimensions | mm | 6525 × 2230 × 2250 |
| 整机质量 Total weight | kg | 6000 |

长沙中联重工科技发展股份有限公司

ChangSha ZoomLion Heavy Industry Science And Technology Development Co., Ltd.

湖南省长沙市银盆南路 307 号（中联科技园）

Headquarter Address:307Yinpen(s) Road. Changsha.Hunan,China

(ZOOMLION Fields of Science And Technology)

PC:410013 FAX:0731-8807517

E-mail:xsb@zljt.com

<http://www.zljt.com> www.zoomlion.com

销售与技术咨询专线：0731-8807160 0731-8917079

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