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青岛晟源达威机械有限公司

混凝土臂架泵车  
CONCRETE PUMP TRUCK



## 企业简介 Brief Introduction



青岛晟源达威机械公司是集科研、生产、销售及售后服务于一体的专业研制大型建设工程机械设备的企业。公司以人为本，科技兴企，广招高水平科技人才，积极引进国内外先进技术，采用最新工艺和科学严格的检测手段，使我公司生产的中小型臂架泵、车载泵、HBT系列混凝土泵、XBS系列细石混凝土泵、SBS系列大骨料混凝土泵、PJB系列砂浆输送泵、SLJ系列连续上料搅拌机等产品，性能更加可靠，深受广大建筑行业同仁的青睐。

晟源达威以高可靠的品质和高效率的服务，赢得了广大客户及合作伙伴的信赖从而在市场上取得骄人业绩。

晟源达威源于德国的先进、严谨的技术理念，使我们时刻关注国内外业界的技术动向并掌握和剖析同行产品的优缺点，在产品研发过程中，取精去粕，精益求精，力求产品完美。

目前，晟源达威产品遍布全国各省、市，并远销俄罗斯、哈萨克斯坦、巴基斯坦、伊朗、蒙古、菲律宾、新加坡、马来西亚、亚美尼亚、埃及、尼泊尔、刚果、毛里求斯等国家，晟源达威的产品正以其优异的性能服务于全世界。



Qingdao Saintyol DAWIN Co., Ltd. specializes in the manufacture of large-scale construction machinery. We combine technical research, producing, sales and after-sales service together. Our company is people-oriented, considers science and technology as the basis of its prosperity, invites talents widely, introduces advanced technology from home and abroad, adopts up-to-date crafts and scientific and strict diagnostic facilities. All these make our products, including HBT series concrete pumps, XBS series fine stone concrete pumps and mini concrete pumps for large aggregates, PJB series spraying pumps and SLJ series continuous feeding mixers, have more reasonable structures and more reliable performances. So our products are very popular with colleagues in construction industry.

Saintyol DAWIN CO., LTD. gains customers' and partners' trust with our highly reliable quality and highly efficient service and obtains great achievement.

Saintyol DAWIN CO., LTD. originates from German advanced and strict technical philosophy. We pay close attention to the technology tendency of our industry at home and abroad. Meanwhile we grasp and analyse the advantages and disadvantages of products in our industry. In the process of research and development, We absorb the essence and abandon the draft, keeping perfecting our products.

At present, our products could be found all over China and have been exported to Russia, Kazakhstan, Pakistan, Iran, Mongolia, Philippines, Singapore, Malaysia, Vietnam, Indonesia Australia, Romania, Armenia, Egypt, Niger, Nepal, Congo, Mauritius and other countries. The products of Saintyol GROUP CO., LTD. are serving clients world-wide with superior performances.

# 企业文化

## Corporate Culture



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晟源达威秉承“拼搏进取，追求卓越”的企业精神，技术不断改革创新，产品不断升代，致力于打造国内领先，国际一流的建机品牌。

Qingdao Saintyol DAWIN inherit “enterprising and pursing excellent” corporate spirit reform and innovate technology constantly, upgrade products to create domestic leading and international first class construction machinery brand.

### 企业使命

为客户提供更好的产品  
为员工创造更多的福祉  
为社会承担更多的责任

### 经营理念

客户第一 以质求存

### 企业精神

拼搏进取追求卓越

### 企业价值观

尊重个人 注重团队 以人为本 科技创新

### 工作作风

精益求精 务实创新

### 企业理论

先做人 后做事  
滴水之恩当涌泉相报

### Corporate mission

To provide better products for our clients  
To create much benefits for our employees  
To share more responsibility for our society

### Operation principle

Clients are foremost, and good quality is the key to survive

### Corporate spirit

Enterprise and pursue excellent

### Corporate values

Respect individuals, focus on team spirit, orient people, innovate technology

### Working style

Keep improving, seek practical results and innovation

### Corporate Ethics

Be a good man before you do something.  
A drop of water's favor today will be rewarded with a fountain of water tomorrow

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44m Concrete pump truck series

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47m/50m Concrete pump truck series

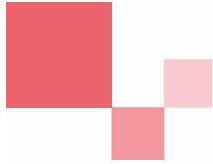
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53米/56米/58米/63米 混凝土臂架泵车系列  
53m/56m/58m/63m Concrete pump truck series

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案例  
Case





**SAINTYOL**  
DAWIN MACHINERY

传递梦想 凝结友谊  
Delivering Dream, Concreting Friendship

## 企业标语 Enterprise Slogan

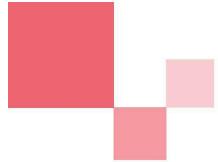


信义立天下，品质创世界

FAITH MADE THE WORLD

QUALITY AND THE WORLD





## 发展历程 Development History





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晟源达混凝土泵车是青岛晟源达集团有限公司借鉴国内外先进经验,运用现代先进计算机仿真技术,系统分析泵车结构所受的应力、位移、固有频率等各类参数变化对臂架疲劳寿命的影响,同时对液压系统进行优化设计,采用新的自由流体技术,大幅减小泵送换向对臂架的冲击,在泵车臂架结构优化和液压系统设计上获得7项专利。

完善的产品质量控制,精益求精的产品制造,一丝不苟的质量检验使科尼乐泵车达到国内领先、国际先进水平,臂架系统所有的钢板全部采用高强冷轧钢板,屈服强度在1000Mpa以上确保臂架系统强度高、质量轻。臂架系统布料杆、支腿、油箱等100%进行焊后去应力处理。臂架系统每一条焊缝均经过100%无损伤探伤或X光照片,杜绝隐藏任何细节的缺陷,耐用性能更加出色。

通过有限元分析、动力学仿真分析的精确数据支持作为设计基础,确保臂架系统结构合理,性能优异,并由国家级检测中心进行应力应变检测验证臂架结构计算分析结果与实际工况的一致性。

Qingdao Saintyol Group Co., Ltd. adopt advanced technology and experience, use advanced computer simulation technology to research and manufacture pump truck. We analyze the pump truck structure to know the stress, displacement, and natural frequency of various parameters to change the influence on boom fatigue. Meanwhile we have optimize the hydraulic system and adopt new free fluid technology, reduce the impact to boom for the pump transition. So we got many patent on the structure optimization and hydraulic system.

Perfect product quality ,keep improving the product manufacturing ,meticulous quality inspection to make Co-nelco concrete pump truck reach the leading domestic, international advanced level.The boom system all are made of high strength steel cold rolling steel plate. And the yield strength is more than 1000 mpa to ensure boom system high intensity, light quality,we deal with stress after 100% welding for the pump boom, supporting leg, fuel tanks.Each weld of boom system are through 100% non-destructive inspection or X ray to put end to hide any details of defects which make the durable performance better.

Based the accurate data of Finite element analysis, dynamic simulation analysis, the pump boom system structure is very reasonable , and the performance is excellent.The national testing center have stress strain test to prove that the boom calculation is consistent with the actual working condition.



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## 优势 Advantage



### 选用最优质的材料 Choose the best quality materials

采用高强钢板，屈服强度是普通钢板的数倍。  
It adopts high-strength steel, whose yield strength is several times over than the ordinary steel plate.

### 更智能化操作 More intelligent operation

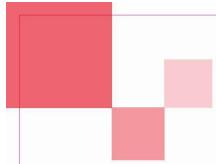
具备发动机遥控熄火功能，让您可根据工况需求来启动或停止发动机工作；  
遥控器上排量调节功能，可让您根据施工需求来调节混凝土的泵送量；  
遥控器上讯响功能可实现上下简单的联络；  
泵送转动自动调节功能，自动根据施工要求来定时调节发动机转速。  
The control system has the function of engine remote flameout. You can start or stop the engine work according the working condition;  
Remote control can regulate the amount of pumping concrete;  
Remote control can realize the function of the communication;  
Pump rotation automatic adjustment function, automatically adjust the engine speed according to the requirements of the construction.

### 高端设计水准 High design standard

X型支腿，车身短但稳定性好；支腿可在狭窄的空间展开；  
采用计算机闭环控制发动机转速，让发动机转速在泵送过程中自动按需供给，让您的泵车节约每一滴油。  
X leg. The car body is short and the stability is goo. The supporting leg can be unfolded out in a narrow space, use the computer closed loop control the motor speed to make the motor on-demand supply to make your car save every drop of oil pump.

### 国际化采购，原装进口部件，性能更稳定，性价比更高 International purchase ,more high stability performance high cost-efficiency

无线遥控装置，重量轻，携带方便，只用手柄操纵，布料杆就可准确到位；  
株齿分动箱及德国力士乐或韩独泵组；  
原装进口的德国哈威、或意大利沃尔福比例多路阀；  
原装进口力士乐、伊顿阀组；  
全部进口元件的电控箱，PLC等控制模块均为德国西门子易福门公司产品。  
HBC wireless remote control device imported from Germany can remote boom position accurately;  
Strain transfer case and Germany rexroth or Korea pump;  
Oil proportional multi-way valve import from Germany Hawe, Italy Walvoil;  
Valve group import from Rexroth , Eaton;  
All import components of electric cabinet, PLC and other control modules are Germany's Siemens or IFM product.



## 优势 Advantage



### 智能节控系统

#### Intelligent control system

采用集中阀板，将主系统液压阀集中，减少交叉连接的管路，系统更加紧凑，降低漏油机会；  
智能的控制系统使驱动油流连续不中断，且毫无损失地直接输入驱动油缸工作；

Adopt concentration plate to make the main hydraulic system valve more concentration, reduce the pipeline road cross, save every drop of oil pump. Intelligent control system make the driving oil flow, directly input drive oil cylinder.

### 安全操作系统

#### Automatic Control

独特的臂架缓冲技术可减少系统的高压峰值，即使在输出量很高的情况下，布料杆振动小，尾管稳定；

Unique arm frame buffer technology can reduce the high pressure value system, even in the case of high output to make the boom steady;

### 节能控制系统

#### Energy saving control system

自主设计、研发的砼活塞退回技术，便于日常砼活塞的保养、维护；自动高低压切换技术的实现使泵送高低压切换更方便更环保（可选）；

Independent design, research and concrete piston back technology to make the piston maintenance more convenient. The realization technology make pumping high and low voltage switch more convenient.

### 更快捷高效的泵送

#### Efficient Pumping

大直径输送缸，吸料性好，泵送流量大；  
Large diameter cylinder,big pump flow;

### 方便快捷的检修系统

#### Convenient maintenance system

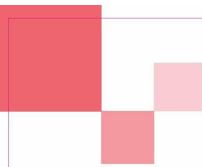
手动液压同步润滑器能适时润滑混凝土活塞及料斗，并方便润滑油路的检查；吸油自封装置和回油滤的使用，让在液压回路检修中可方便地将液压油封堵在油箱里，让检修更加方便快捷。

Manual hydraulic synchronous lubricator can timely lubricate concrete piston and hopper, and convenient of lubricating oil way.Return oil filter and oil suction valve.to let in the hydraulic circuit maintenance can easily colose the hydraulic oil in the take. Make maintenance more convenient and quick.

## 机动灵活 Agility and flexible

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### 臂架系统 Boom system

采用高强钢板，屈服强度是普通钢板的数倍。R、M折叠式臂架系统。

All are made of high strength cold-rolled steel plate ,the yield strength si more than 900mpa .R or M way folding boom syste.



### 臂架回转装置 Slewing bearing

采用高强钢板，屈服强度是普通钢板的数倍，新式斜转塔结构，便于安装泵管与保养。

Adopt high strength steel plate, yield strength is several times the normal steel plate. With new slanted turret structure , easy to install and maintain the pipeline.



### 分体活塞 Separate Piston

聚氨酯材质的分体活塞，抗磨损，寿命长，保障泵送要求。

use air cooled radiator fin type, make sure the system work under the allowed maximum temperature.



### 泵送系统 Pumping system

Φ230大直径输缸，吸料性好，泵送排量大。

Φ230 large diameter cylinder, absorb good, pumping large displacement .

### S管、眼镜板、切割环 S valve, glass plates, cutting ring

硬质合金眼睛板、切割环寿命长，保养方便。

Carbide eye plate ,cutting ring long life ,maintenance .



### 料斗 Glasses plates ,cutting ring

大容量集料斗，无死角，容易清洗。

Big capacity hopper,easy to rush.



### 遥控器 Remote control

无线遥控装置，重量轻，携带方便；只用手柄操纵，布料杆就可准确到位。

Wireless remote control device imported from Germany can remote boom position accurately.

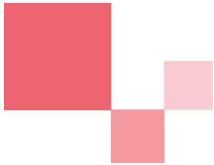


### 分动箱及泵组 Transfer case and pumps

是动力切换和传动行驶及泵送操作的关键主件，采用株齿分动箱技术及德国进口泵组。

Transfer case and pumps is the key parts for the power switch transfer and drive transmission. they are designed with the strain tooth transfer case technology. and are imported from Germany .





**高压水箱**  
High Pressure water tank

压力高，使冲洗更为方便。  
The pressure is high,it is convinent to wash.



**电控箱**  
Control box

全部进口元件的电控箱，IFM易福门控制器，纯总线控制。  
All the control box elements are imported , IFM controller is controlled by general line.



**同步加手动两用润滑系统**  
Automatic and manual lubrication

通过集中分配阀或手动加注润滑脂流入到料斗及混凝土缸需润滑的各部位。  
Feed the lubrication into the hopper and concrete cylinder by the valve.

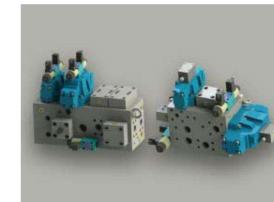


**多路阀**  
Multitandem valve

原装进口的德国哈威及欧洲进口比例多路阀。  
European proportional sectional valves such as Germany HAWE

**阀组**  
Valve

原装进口美国伊顿、阀组。  
Imported from American Eaton , valve group.



**过滤器**  
Filter

液压油从油箱被吸入液压油泵时，先通过过滤器净化后进入液压油泵。  
The hydraulic oil is absorb intot the hydraulic oil pump  
before go into the hydraulic oli pump.



**液压胶管接头**  
Hydraulic hose fittings

采用美国盖茨产品，确保液压系统安全，无泄漏。  
Adopt the American Gates product to make the hydraulic system more safety.



**主阀块**  
Main valve block

原装进口美国伊顿/德国力士乐。  
Imported from American Eaton or Germany Rexth.



## 21米混凝土臂架泵车系列 21m Concrete pump truck series

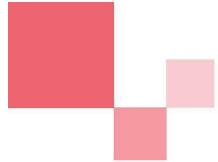
### ■ 行驶状态主要参数 Main parameter while driving

| 类别 Class         | 项目 Item                 | 单位 Unit    | 移动泵车21米<br>Mobile pump truck 21m |
|------------------|-------------------------|------------|----------------------------------|
| 整车Full equipment | 型号 Mode                 |            | KNLY5131THB21-3R                 |
| 底盘 Chassis       | 型号 Mode                 |            | 无                                |
|                  | 生产厂家 Manufacturer       |            | 自制                               |
|                  | 轴距 Wheelbase            | mm         | 4700                             |
| 发动机 Engine       | 输出功率 Output power       | Kw/(r/min) | 97/2500                          |
|                  | 排放标准 Emission standards |            | 国Ⅱ Chinese 2                     |

### ■ 作业状态主要参数 Work parameter while driving

| 类别 Class                         | 项目 Item   | 单位 Unit | 移动泵车21米<br>Mobile pump truck 21m      |
|----------------------------------|---|---------|---------------------------------------|
| 泵送系统<br>Pumping system           | 最大理论输量<br>Max. Theor. output                          | m³/h    | 46                                    |
|                                  | 混凝土最大出口压力<br>Max. Theor. concrete output Pressure     | MPa     | 8                                     |
|                                  | 泵送频率<br>Pumping frequency                             | t/min   | 15                                    |
|                                  | 混凝土输送缸直径 x 行程<br>Concrete cylinder dia. x stroke      | mm      | Φ 200 × 1400                          |
|                                  | 上料高度 Feeding height                                   | mm      | 1400                                  |
| 布料杆<br>Placing boom              | 结构形式 Structure type                                   |         | 3R                                    |
|                                  | 布料杆可达高度/深度/半径<br>Placing boom max height/depth/radius | m       | 21/6.4/17                             |
|                                  | 回转角度 Slewing angle                                    |         | ± 270°                                |
| 其它<br>Other                      | 高低压切换形式 High and pressure switch-over                 |         | 无                                     |
|                                  | 排量控制 Displacement control                             |         | 电比例排量 Electric proportion controlling |
|                                  | 润滑方式 Lubrication mode                                 |         | 手动液压两用 Manual and hydraulic           |
| 整车参数<br>Full equipment parameter | 整车外形尺寸(长×宽×高) Overall dimensions                      | mm      | 10540 × 2320 × 3570                   |
|                                  | 整车质量 Total weight                                     | KG      | 14280                                 |





## 30米/33米 混凝土臂架泵车系列 30m/33m Concrete pump truck series

### ■ 行驶状态主要参数 Main parameter while driving

| 类别 Class   | 项目 Item                 | 单位 Unit    | 东风随专30米 DONGFENG SUDUAN 30m | 东风神宇30米 DONGFENG SHENYU 30m | 重汽30/33米(T5G) SINOTUK 30/33m(T5G) | 重汽30/33米(M5G) SINOTUK 30/33m(M5G) | 重汽豪沃30/33米 SINOTUK HOWO 30/33m | 一汽解放30/33米 YICAILIEFANG 30/33m |
|------------|-------------------------|------------|-----------------------------|-----------------------------|-----------------------------------|-----------------------------------|--------------------------------|--------------------------------|
| 整车设备       | 型号 Mode                 |            | KNL5206THB 30X-4M           | KNL5205THB 30X-4M           | KNL5202THB 30X3X-4M               | KNL5231THB 30X3X-4M               | NL5203THB 30X3X-4M             | KNL5210THB 30X3X-4M            |
| 底盘 Chassis | 型号 Mode                 |            | EQ5200GSZ5D5J               | EQ5200GLVJ                  | ZZ5207M521GE1                     | ZZ5231N521GE1                     | ZZ5207N4617E1                  | CA510P2K15BE5A80               |
|            | 生产厂家 Manufacturer       |            | 东风随专DONGFENG SUDUAN         | 东风神宇DONGFENG SHENYU         | 重汽T5G SINOTUK T5G                 | 重汽M5G SINOTUK M5G                 | 中国重汽 SINOTUK                   | 一汽解放YICAILIEFANG               |
| 发动机 Engine | 轴距 Wheelbase            | mm         | 5200                        | 5200                        | 5200                              | 5200                              | 5600                           | 5200                           |
| 发动机 Engine | 输出功率 Output power       | Kw/(r/min) | 177/2300                    | 199/2300                    | 206/2300                          | 228/2300                          | 249/1900                       | 228/1900                       |
| 发动机 Engine | 排放标准 Emission standards |            | 国V Chinese 5                | 国V Chinese 5                | 国V Chinese 5                      | 国V Chinese 5                      | 国V Chinese 5                   | 国V Chinese 5                   |

### ■ 作业状态主要参数 Work parameter while driving

| 类别 Class                      | 项目 Item   | 单位 Unit | 东风随专30米 DONGFENG SUDUAN 30m           | 东风神宇30米 DONGFENG SHENYU 30m | 重汽30/33米(T5G) SINOTUK 30/33m(T5G) | 重汽30/33米(M5G) SINOTUK 30/33m(M5G) | 重汽豪沃30/33米 SINOTUK HOWO 30/33m | 一汽解放30/33米 YICAILIEFANG 30/33m |
|-------------------------------|---|---------|---------------------------------------|-----------------------------|-----------------------------------|-----------------------------------|--------------------------------|--------------------------------|
| 泵送系统 Pumping system           | 最大理论输送量(高压/低压) Max.Theor. output(high/low pressure)                     | m³/h    | 66/111                                | 66/111                      | 66/111                            | 66/111                            | 66/111                         | 66/111                         |
|                               | 混凝土最大出口压力(高压/低压) Max.Theor. concrete output Pressure(high/low pressure) | MPa     | 9.5/5.6                               | 9.5/5.6                     | 9.5/5.6                           | 9.5/5.6                           | 9.5/5.6                        | 9.5/5.6                        |
|                               | 泵送频率(高压/低压) Pumping frequency(high/low pressure)                        | t/min   | 19/23                                 | 19/23                       | 19/23                             | 19/23                             | 16/27                          | 19/23                          |
| 布料杆 Placing boom              | 混凝土输送缸直径×行程 Concrete cylinder dia. × stroke                             | mm      | Φ230×1400                             | Φ230×1400                   | Φ230×1400                         | Φ230×1400                         | Φ230×1650                      | Φ230×1400                      |
|                               | 上料高度 Feeding height   | mm      | 1200                                  | 1200                        | 1200                              | 1200                              | 1200                           | 1200                           |
|                               | 结构形式 Structure type   |         | 4M                                    | 4M                          | 4M                                | 4M                                | 4M                             | 4M                             |
| 布料杆 Placing boom              | 布料杆可达高度/深度/半径 Placing boom max height/depth/radius                      | m       | 30/22/26.2                            | 30/22/26.2                  | 30/33/22/20.4/26.2/28.6           |                                   |                                |                                |
|                               | 回转角度 Slewing angle  |         | ± 270°                                | ± 270°                      | ± 270°                            | ± 270°                            | ± 270°                         | ± 270°                         |
| 其它 Other                      | 高压切换形式 High and pressure switch-over                                    |         | 电控自动 Electric automatic               |                             |                                   |                                   |                                |                                |
|                               | 排量控制 Displacement control   |         | 电比例排量 Electric proportion controlling |                             |                                   |                                   |                                |                                |
|                               | 润滑方式 Lubrication mode   |         | 手动液压两用 Manual and hydraulic           |                             |                                   |                                   |                                |                                |
| 整车参数 Full equipment parameter | 整车外形尺寸(长×宽×高) Overall dimensions  | mm      | 10300×2350×3660                       | 10300×2350×3660             | 10340×2495×3660                   | 10280×2495×3800                   | 10250×2495×3770                | 10325×2500×3730                |
|                               | 整车质量 Total weight   | KG      | 19850                                 | 20100                       | 20100                             | 23000                             | 20490                          | 21000                          |



## 37米混凝土臂架泵车系列 37m Concrete pump truck series

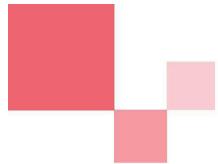
### ■ 行驶状态主要参数 Main parameter while driving

| 类别 Class            | 项目 Item                 | 单位 Unit    | 重汽37米(T5G)<br>SINOTUK 37m(T5G) | 重汽37米(M5G)<br>SINOTUK 37m(M5G) | 重汽豪沃37米<br>SINOTUK HOWO 37m | 一汽解放37米<br>YIQJIEFANG 37m |
|---------------------|-------------------------|------------|--------------------------------|--------------------------------|-----------------------------|---------------------------|
| 整车Full equipment    | 型号 Mode                 |            | KNL5202THB 37X-5RZ             | KNL5231THB 37X-5RZ             | NL5203THB 37X-5RZ           | KNL5210THB 37X-5RZ        |
| 底盘 Chassis          | 型号 Mode                 |            | ZZ5207M521GE1                  | ZZ5231N521GE1                  | ZZ5207N4617E1               | CA5210P2K15BE5A80         |
| 生产 家厂家 Manufacturer | 生产厂家 Manufacturer       |            | 重汽T5G SINOTUK T5G              | 重汽M5G SINOTUK M5G              | 中国重汽 SINOTUK                | 一汽解放 YIQJIEFANG           |
| 发动机 Engine          | 轴距 Wheelbase            | mm         | 5200                           | 5200                           | 5600                        | 5200                      |
| 发动机 Engine          | 输出功率 Output power       | Kw/(r/min) | 206/2300                       | 228/2300                       | 249/1900                    | 228/1900                  |
| 发动机 Engine          | 排放标准 Emission standards |            | 国V Chinese 5                   | 国V Chinese 5                   | 国V Chinese 5                | 国V Chinese 5              |

### ■ 作业状态主要参数 Work parameter while driving

| 类别 Class                      | 项目 Item   | 单位 Unit | 重汽37米(T5G)<br>SINOTUK 37m(T5G)        | 重汽37米(M5G)<br>SINOTUK 37m(M5G) | 重汽豪沃37米<br>SINOTUK HOWO 37m | 一汽解放37米<br>YIQJIEFANG 37m |
|-------------------------------|---|---------|---------------------------------------|--------------------------------|-----------------------------|---------------------------|
| 泵送系统 Pumping system           | 最大理论输送量(高压/低压)<br>Max. Theor. output(high/low pressure)                     | m³/h    | 66/111                                | 66/111                         | 66/111                      | 66/111                    |
| 泵送系统 Pumping system           | 混凝土最大出口压力(高压/低压)<br>Max. Theor. concrete output Pressure(high/low pressure) | MPa     | 9.5/5.6                               | 9.5/5.6                        | 9.5/5.6                     | 9.5/5.6                   |
| 泵送系统 Pumping system           | 泵送频率(高压/低压)<br>Pumping frequency(high/low pressure)                         | t/min   | 19/23                                 | 19/23                          | 18/27                       | 19/23                     |
| 布料杆 Placing boom              | 混凝土输送缸直径 × 行程<br>Concrete cylinder dia. × stroke                            | mm      | Φ230 × 1400                           | Φ230 × 1400                    | Φ230 × 1650                 | Φ230 × 1400               |
| 布料杆 Placing boom              | 上料高度 Feeding height   | mm      | 1200                                  | 1200                           | 1200                        | 1200                      |
| 布料杆 Placing boom              | 结构形式 Structure type   |         | 5RZ                                   | 5RZ                            | 5RZ                         | 5RZ                       |
| 布料杆 Placing boom              | 布料杆可达高度/深度/半径<br>Placing boom max height/depth/radius                       | m       | 35.37/23.8/26/31.33                   |                                |                             |                           |
| 其它 Other                      | 回转角度 Slewing angle  |         | ± 270°                                | ± 270°                         | ± 270°                      | ± 270°                    |
| 其它 Other                      | 高低压切换形式 High and pressure switch-over                                       |         | 电控自动 Electric automatic               |                                |                             |                           |
| 其它 Other                      | 排量控制 Displacement control   |         | 电比例排量 Electric proportion controlling |                                |                             |                           |
| 其它 Other                      | 润滑方式 Lubrication mode   |         | 手动液压两用 Manual and hydraulic           |                                |                             |                           |
| 整车参数 Full equipment parameter | 整车外形尺寸(长×宽×高) Overall dimensions  | mm      | 9900 × 2496 × 3700                    | 9840 × 2496 × 3870             | 9930 × 2496 × 3880          | 9920 × 2500 × 3840        |
| 整车参数 Full equipment parameter | 整车质量 Total weight   | KG      | 20100                                 | 23000                          | 20490                       | 21000                     |





## 44米 混凝土臂架泵车系列 44m Concrete pump truck series



### ■ 行驶状态主要参数 Main parameter while driving

| 类别 Class    | 项目 Item                 | 单位 Unit  | 重汽44米(汕德卡)<br>SINOTUK 44m(SITRAK) | 重汽44米(T7H)<br>SINOTUK 44m(T7H) | 重汽44米(T5G)<br>SINOTUK 44m(T5G) | 解放44米<br>JIEFANG 44m  | 重庆五十铃44米<br>Chongqin ISUZU 44m |
|-------------|-------------------------|----------|-----------------------------------|--------------------------------|--------------------------------|-----------------------|--------------------------------|
| 整车Equipment | 型号 Mode                 |          | KNL5390THB44X-5RZ                 | KNL5391THB44X-5RZ              | KNL5341THB44X-5RZ              | KNL5342THB44X-5RZ     | KNL5330THB44X-5RZ              |
| 底盘 Chassis  | 型号 Mode                 |          | ZZ5356V524ME1                     | ZZ5347V524HE1/TMB48            | ZZ5347N464GE1/P7M746           | CA5340TXXP66K24L5T1E5 | QL5330GXFW2SDZY                |
|             | 生产厂家 Manufacturer       |          | 重汽 SINOTUK                        | 重汽 SINOTUK                     | 重汽 SINOTUK                     | 长春一汽解放 YIOUJIEFANG    | #由台五十铃Chongqin ISUZU           |
|             | 轴距 Wheelbase            | mm       | 4650+1400                         | 4800+1400                      | 4600+1350                      | 4700+1350             | 4565+1370                      |
| 发动机 Engine  | 输出功率 Output power       | Kw/(min) | 297/1900                          | 297/1900                       | 228/2300                       | 310/2300              | 338/2300                       |
|             | 排放标准 Emission standards |          | 国V Chinese 5                      | 国V Chinese 5                   | 国V Chinese 5                   | 国V Chinese 5          | 国V Chinese 5                   |

### ■ 作业状态主要参数 Work parameter while driving

| 类别 Class                      | 项目 Item   | 单位 Unit | 重汽44米(汕德卡)<br>SINOTUK 44m(SITRAK)     | 重汽44米(T7H)<br>SINOTUK 44m(T7H) | 重汽44米(T5G)<br>SINOTUK 44m(T5G) | 解放44米<br>JIEFANG 44m | 重庆五十铃44米<br>Chongqin ISUZU 44m |
|-------------------------------|---|---------|---------------------------------------|--------------------------------|--------------------------------|----------------------|--------------------------------|
| 泵送系统 Pumping system           | 最大理论输出量(高压/低压)<br>Max. Theor. output(high/low pressure)                     | m³/h    | 80/137                                | 80/137                         | 80/137                         | 80/137               | 80/137                         |
|                               | 混凝土最大出口压力(高压/低压)<br>Max. Theor. concrete output Pressure(high/low pressure) | MPa     | 9.3/5.5                               | 9.3/5.5                        | 9.3/5.5                        | 9.3/5.5              | 9.3/5.5                        |
|                               | 泵送频率(高压/低压)<br>Pumping frequency(high/low pressure)                         | t/min   | 14/23                                 | 14/23                          | 14/23                          | 14/23                | 14/23                          |
|                               | 混凝土输送缸直径×行程<br>Concrete cylinder dia. x stroke                              | mm      | Φ260×1800                             | Φ260×1800                      | Φ260×1800                      | Φ260×1800            | Φ260×1800                      |
|                               | 上料高度 Feeding height   | mm      | 1300                                  | 1300                           | 1800                           | 1300                 | 1300                           |
| 布料杆 Placing boom              | 结构形式 Structure type   |         | 5RZ                                   | 5RZ                            | 5RZ                            | 5RZ                  | 5RZ                            |
|                               | 布料杆可达高度/深度/半径<br>Placing boom max. height/depth/radius                      | m       | 44/33/40                              | 44/33/40                       | 44/33/40                       | 44/33/40             | 44/33/40                       |
|                               | 回转角度 Slewing angle  |         | ± 270°                                | ± 270°                         | ± 270°                         | ± 270°               | ± 270°                         |
| 其它 Other                      | 高低压切换形式 High/pressure switch-over   |         | 电控自动 Electric automatic               |                                |                                |                      |                                |
|                               | 排量控制 Displacement control   |         | 电比例排量 Electric proportion controlling |                                |                                |                      |                                |
|                               | 润滑方式 Lubrication mode   |         | 手动液压两用 Manual and hydraulic           |                                |                                |                      |                                |
| 整车参数 Full equipment parameter | 整车外形尺寸(长×宽×高) Overall dimensions  | mm      | 11810×2500×3920                       | 11905×2500×3910                | 11660×2500×3950                | 11820×2500×3950      | 11810×2500×3920                |
|                               | 整车质量 Total weight   | KG      | 35000                                 | 34000                          | 34000                          | 34000                | 33000                          |



## 47米/50米 混凝土臂架泵车系列 47m/50m Concrete pump truck series

### ■ 行驶状态主要参数 Main parameter while driving

| 类别 Class         | 项目 Item                 | 单位 Unit    | 重汽47/50米(汕德卡)<br>SINOTUK 47/50m (STRAK) | 重汽47/50米(T7H)<br>SINOTUK 47/50m (T7H) | 重汽47/50米(T5G)<br>SINOTUK 47/50m (T5G) | 解放47/50米<br>JIEFANG 47/50m | 重庆五十铃47/50米<br>Chongqing ISUZU 47/50m |
|------------------|-------------------------|------------|---|---------------------------------------|---------------------------------------|----------------------------|---------------------------------------|
| 整车Full equipment | 型号 Mode                 |            | KNL5360THB50X-6RZ                       | KNL5340THB50X-6RZ                     | KNL5341THB50X-6RZ                     | KNL5342THB50X-6RZ          | KNL5330THB47X-6RZ                     |
| 底盘 Chassis       | 型号 Mode                 |            | ZZ5365V524ME1                           | ZZ5347V524HE1/N7MB4B                  | ZZ5347N464GE1/P7M746                  | CA5340TXFP86K24L5T1E5      | QL5330GXFW2SDZY                       |
|                  | 生产厂家 Manufacturer       |            | 重汽 SINOTUK                              | 重汽 SINOTUK                            | 重汽 SINOTUK                            | 长春一汽解放 YICUI JIEFANG       | 中日合资五十铃 Chongqing ISUZU               |
|                  | 轴距 Wheelbase            | mm         | 4650+1400                               | 4800+1400                             | 4600+1350                             | 4700+1350                  | 4565+1370                             |
| 发动机 Engine       | 输出功率 Output power       | Kw/(r/min) | 297/1900                                | 297/1900                              | 228/2300                              | 310/2300                   | 338/2300                              |
|                  | 排放标准 Emission standards |            | 国 V Chinese 5                           | 国 V Chinese 5                         | 国 V Chinese 5                         | 国 V Chinese 5              | 国 V Chinese 5                         |

### ■ 作业状态主要参数 Work parameter while driving

| 类别 Class                      | 项目 Item   | 单位 Unit | 重汽47/50米(汕德卡)<br>SINOTUK 47/50m (STRAK) | 重汽47/50米(T7H)<br>SINOTUK 47/50m (T7H) | 重汽47/50米(T5G)<br>SINOTUK 47/50m (T5G) | 解放47/50米<br>JIEFANG 47/50m | 重庆五十铃47/50米<br>Chongqing ISUZU 47/50m |
|-------------------------------|---|---------|---|---------------------------------------|---------------------------------------|----------------------------|---------------------------------------|
| 泵送系统 Pumping system           | 最大理论输送量(高压/低压)<br>Max. Theor. output(high/low pressure)                     | m³/h    | 80/137                                  | 80/137                                | 80/137                                | 80/137                     | 80/137                                |
|                               | 混凝土最大出口压力(高压/低压)<br>Max. Theor. concrete output Pressure(high/low pressure) | MPa     | 9.3/5.5                                 | 9.3/5.5                               | 9.3/5.5                               | 9.3/5.5                    | 9.3/5.5                               |
|                               | 泵送频率(高压/低压)<br>Pumping frequency(high/low pressure)                         | t/min   | 14/23                                   | 14/23                                 | 14/23                                 | 14/23                      | 14/23                                 |
|                               | 混凝土输送缸径×行程<br>Concrete cylinder dia. x stroke                               | mm      | Φ260 × 1800                             | Φ260 × 1800                           | Φ260 × 1800                           | Φ260 × 1800                | Φ260 × 1800                           |
| 布料杆 Placing boom              | 上料高度 Feeding height   | mm      | 1300                                    | 1300                                  | 1300                                  | 1300                       | 1300                                  |
|                               | 结构形式 Structure type   |         | 6RZ                                     | 6HZ                                   | 6HZ                                   | 6RZ                        | 6RZ                                   |
|                               | 布料杆可达高度(深度)/半径<br>Placing boom max. height/depth/radius                     | m       | 47.50/36.39/43.46                       | 47.50/36.39/43.46                     | 47.50/36.39/43.46                     | 47.50/36.39/43.46          | 47.50/36.39/43.46                     |
| 其它 Other                      | 回转角度 Slewing angle  |         | ± 270°                                  | ± 270°                                | ± 270°                                | ± 270°                     | ± 270°                                |
|                               | 高低切换形式 High and pressure switch-over  |         | 电控自动 Electric automatic                 |                                       |                                       |                            |                                       |
|                               | 排量控制 Displacement control   |         | 电比例排量 Electric proportion controlling   |                                       |                                       |                            |                                       |
| 整车参数 Full equipment parameter | 润滑方式 Lubrication mode   |         | 手动液压两用 Manual and hydraulic             |                                       |                                       |                            |                                       |
|                               | 整车外形尺寸(长×宽×高) Overall dimensions  | mm      | 12230×2550×4000                         | 12230×2550×4000                       | 12050×2550×4000                       | 12210×2550×4000            | 12230×2550×4000                       |
|                               | 整车质量 Total weight   | KG      | 35000                                   | 34000                                 | 34000                                 | 34000                      | 33000                                 |



案例  
case

