



*One-stop Solution
For Concrete Application*

HANDA

Construction machinery technology solutions

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ZHENGZHOU HANDA MACHINERY CO.,LTD

郑 州 悍 达 机 械 设 备 有 限 公 司



C公司介绍 Company introduction

China Hi-Tech Group Corporation, a state-owned large-scale central enterprise supervised by The State-owned Assets Supervision and Administration Commission of the State Council (SASAC), On Dec.18, 2006, CHTC was listed as one of the pilot enterprises of the Board of Directors of SASAC, and established a scientific and standard corporate governance structure. Currently, CHTC consists of over 20 direct subsidiaries with more than 50,000 staffs.

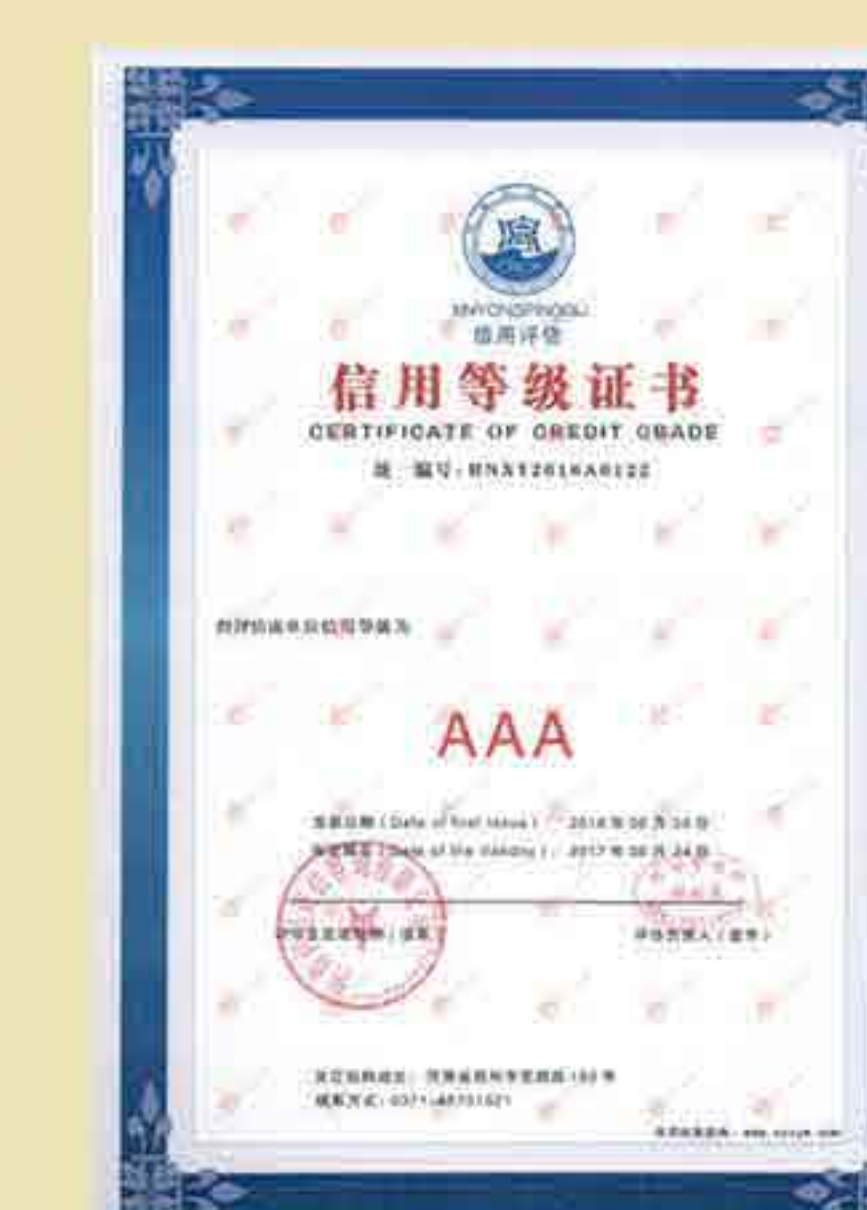
Zhengzhou Handa Machinery Co.,Ltd is one of the major specialized building machinery enterprises in researching and manufacturing building machinery. The company has 12 professional equipment production line, the current main products are concrete mixing plant, concrete mixer,concrete pump truck,transit mixer truck and concrete placing boom etc. Covering almost all kinds of machinery and equipment used for construction engineering,with a large number of users at home and enjoys high reputation.Some products have exported to Vietnam,Laos, Kazakhstan,Pakistan, Mongolia, Russia, Cuba, Brazil and other countries, praised by foreign friends.

中国恒天集团有限公司（简称“中国恒天”）是国务院国有资产监督管理委员会监管的国有独资大型中央企业。2006年12月，中国恒天成为国资委董事会试点企业，建立了科学规范的法人治理结构。中国恒天现有二级子公司20余家，员工5万余人。

郑州悍达机械设备有限公司是国内制造、研发建筑机械的大型专业企业之一。公司拥有十二条专业装备生产线，目前主要产品有混凝土搅拌站、混凝土搅拌机、混凝土泵车、混凝土搅拌运输车及混凝土布料机等多种型号产品，几乎覆盖各类建筑工程所需各种机械设备，在国内拥有广泛的用户群，享有较高知名度，部分产品出口到越南、老挝、哈萨克斯坦、巴基斯坦、蒙古、俄罗斯，古巴、巴西等国家，深受国外朋友赞誉。

企业荣誉

合作 团结 发展 交流 共赢





Hopper lift concrete batching plant

Features:

1. Large angle hoisting system which have small floor space,simple structure,easy to transit,more convenient to maintain.
2. We design bar balance of cement weighing system,which have advantage of good stability, strong anti-interference ability.
3. Using a single lifting point lifting device, effectively prevent the hopper deviation, configuration anti-fall device, high security.
4. Import motor and reducer as the main body.
5. High performance of mixer, equipped with high wear-resistant alloy stirring arm which extended life more 3-5 times.
6. Hopper with non-stick sand and rapid discharge technology, stable and reliable.

特点:

- 1、采用大角度提升斗上料，占地面积小，结构简单，便于转场，操作维护更加方便；
- 2、粉料计量采用拉杆秤结构，稳定性好，抗干扰能力强；
- 3、采用单吊点提升装置，有效防止料斗跑偏，配置防坠落装置，安全性高；
- 4、采用进口电机及减速机作为提升主体；
- 5、高性能的搅拌主机，配备高耐磨合金搅拌臂，寿命延长3-5倍以上；
- 6、料斗实现不粘砂及快速卸料技术，稳定可靠。

Hopper lift concrete batching plant 斗提式混凝土搅拌站

Application:

It is suitable for *construction of building, highway,high-speed railway, port, bridge, airport and hydropower.*

用途:

适用于建筑、公路、高铁、港口、桥梁、机场、水电等工程建设。



Model 型号		HZS25	HZS35	HZS50	HZS75
Theoretical capacity 理论生产率 (m³/h)		25	35	50	75
Mixer 搅拌主机	Model 型号	JS500	JS750	JS1000	JS1500
	Power 功率(KW)	18.5	30	2×18.5	2×30
	Output capacity 容量(m³)	0.5	0.75	1	1.5
	Max.aggregate size (gravel/pebble) 骨料最大粒径(碎石/卵石) (mm)	≤60/80	≤60/80	≤60/80	≤60/80
Batch bin 配料仓	Capacity 仓容量 (m³)	4	4	8	8
Motor power of hoister 卷扬电机功率 (KW)		5.5	7.5	18.5	22
Weighing scope and accuracy 称量范围及计量精度	Aggregate 骨料 (kg)	1500±2%	1500±2%	2500±2%	3000±2%
	Cement 水泥 (kg)	300±1%	500±1%	500±1%	800±1%
	Fly ash 粉煤灰(kg)	/	/	150±1%	200±1%
	Water 水(kg)	150±1%	200±1%	200±1%	300±1%
		Additive 外加剂(kg)	20±1%	20±1%	20±1%
Discharging height 卸料高度(m)		3.8	3.8	3.8	3.8





Belt feeding concrete batching plant 皮带式混凝土移动站

Application:

It is suitable for **construction of building, highway, high-speed railway, port, bridge, airport and hydropower.**

The belt conveyor concrete batching plant is consistent of aggregate, cement, water, liquid additive weighting system, mixing system, electric control system, video monitoring system, communication system and steel structure. Suitable for large construction projects such as road, airport, bridge, dam, port and other place where is in large demand.

用途:

适用于建筑、公路、高铁、港口、桥梁、机场、水电等工程建设。

由砂石骨料、水泥、水、液体外加剂配料计量系统、搅拌系统、电气控制系统、摄像监视系统、通讯系统和钢结构等部分组成。适用于道路、桥梁、水坝、机场、港口等大型建设工程及城市商品混凝土中心等混凝土需求量大的场所。



Belt feeding concrete batching plant

Features:

1. Adopt heavy-duty frame steel structure design, more steady and accurate.
2. Low energy consumption our concrete mixing plant can reduce the energy consumption more than 15% which all detected by authority.
3. More durable high wear-resistant alloy technology, plate life up to more than two times than national standard.
4. More secure mechanical and electrical interlocking safety device satisfy European certification, double insurance to eliminate hidden dangers.
5. More environmental the host system uses negative pressure dust removal, the belt head overall seal, good environmental performance.

特点:

1. 更稳定 采用重型框架钢结构设计，整体稳定性好，计量精度高；
2. 低能耗 经权威机构检测我们的搅拌站最高可节能15%以上；
3. 更耐久 衬板采用高耐磨合金工艺，寿命达国家标准的两倍以上；
4. 更安全 机电联锁安全装置获得欧洲认证，双重保险杜绝隐患；
5. 更环保 主机系统采用负压除尘，皮带机头部整体密封，环保性能好。

Main technical parameter 主要技术参数

Model 型号		HZS60	HZS90	HZS120/2HZS120	HZS180/2HZS180
Theoretical capacity 理论生产率 (m³/h)		60	90	120 / 2×120	180 / 2×180
搅拌主机 Mixer	Model 型号	JS1000	JS1500	JS2000	JS3000
	Power 功率(KW)	2×18.5	2×30	2×37 / 4×37	2×55 / 4×55
	Discharge capacity 容量(m³)	1	1.5	2	3
	Max. aggregate size (gravel/pebble) 骨料最大粒径(碎石/卵石) (mm)	≤60/80	≤60/80	≤60/80	≤60/80
Aggregate bins 配料仓	Volumes 仓容积	12	12	20 / 2×20	20 / 2×20
Belt conveyor capacity 皮带机输送能力(t/h)		300	450	600	800
Weighing scope and weighing 称量范围及计量精度	Aggregate 骨料(kg)	2500±2%	3000±2%	4×(2000±2%)	4×(3000±2%)
	Cement 水泥 (kg)	500±1%	800±1%	1000±1%	1500±1%
	Coal ash 粉煤灰(kg)	150±1%	200±1%	400±1%	600±1%
	Water 水(kg)	200±1%	300±1%	400±1%	600±1%
	Additive 外加剂(kg)	20±1%	30±1%	40±1%	60±1%
	Discharging height 卸料高度(m)	3.8	3.8	3.8	3.8





Module mobile concrete batching plant

Features:

1. Compact structure and all ready functions.
2. Module design, the module have finished in the factory, installation and debugging fast.
3. Good economy, high returns.
4. Without foundation and commissioning , convenient movement.
5. Safe and reliable,green and environmental protection.

特点:

1. 结构紧凑，功能齐全；
2. 模块设计，各模块在工厂内制作完毕，安装快捷；
3. 经济性好，高回报；
4. 免基础，免调试，转场方便；
5. 安全可靠，绿色环保。



Module mobile concrete batching plant 模块式混凝土搅拌站

Application:

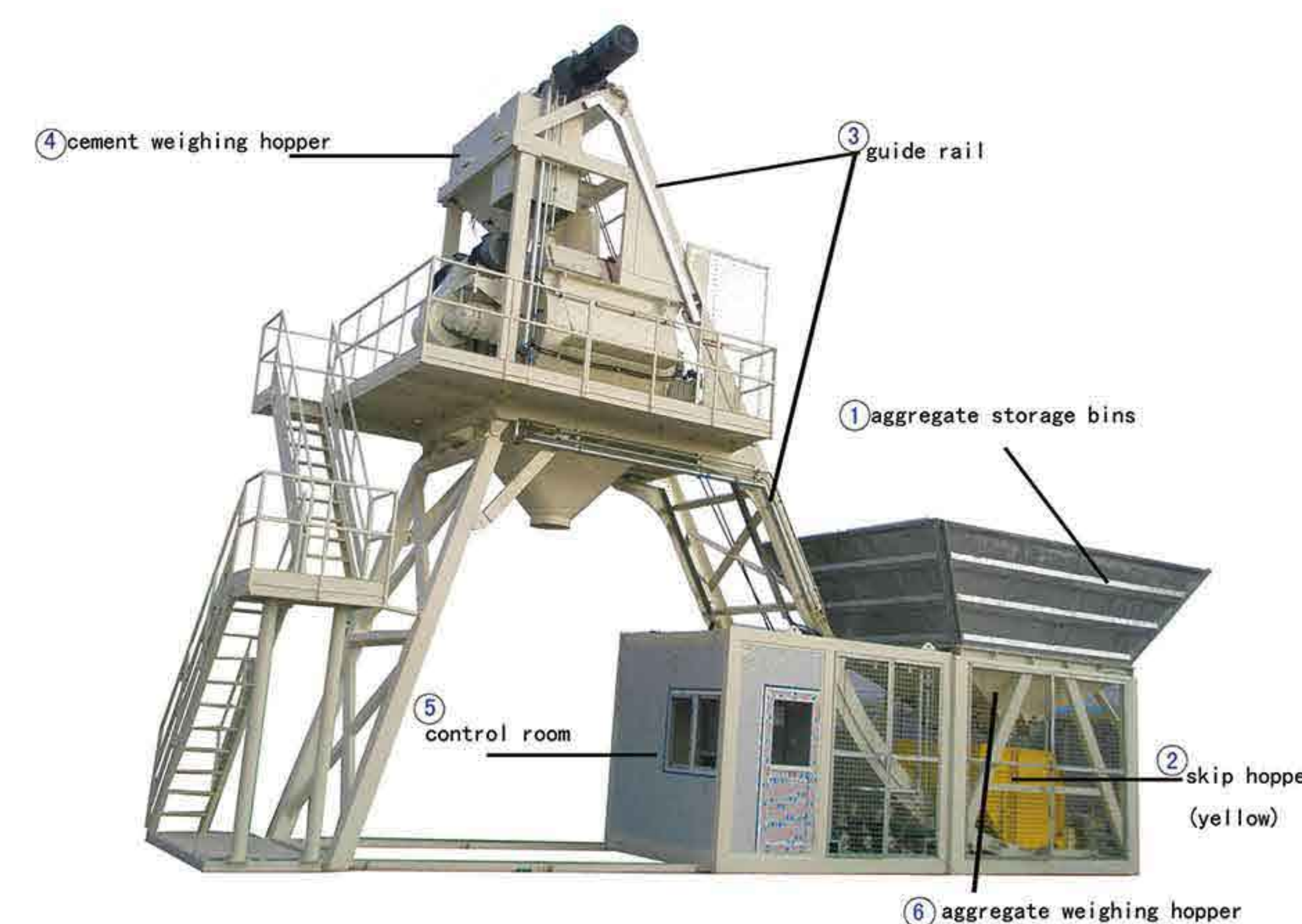
It is suitable for **construction of building, highway,high-speed railway, port, bridge, airport and hydropower.**

The model design without foundation and commissioning enables convenient movement and quick installation.It only takes three days from installation to use.All necessary facilities such as:control room,laboratory and maintenance room are equipped.Costeffective. An ideal choice for engineering.

用途:

适用于**建筑、公路、高铁、港口、桥梁、机场、水电等工程建设。**

该系列搅拌站采用模块式设计，移动灵活，组装方便、快捷，免特殊基础，免调试。从安装到使用只需要三天时间。控制室、化验室、维修室一应俱全，节省成本，是工程施工的理想设备。



Main technical parameter 主要技术参数

Item 项目	型号Type			
	YHZS40	YHZS60	YHZS80	YHZS100
Theoretical productivity(m³/h) 理论生产率	40	60	80	100
Mixer 搅拌主机	JS1250/750	JS1500/1000	JS2250/1500	JS2000/3000
Batching system 配料系统	PLD1200	PLD1600	PLD2400	PLD3200
Discharging height(m) 卸料高度	3.8	3.8	3.8	3.8



Trailer mobile concrete batching plant

Features:

1. Simple and compact structure, many concrete mixing plant parts fasten in one unit.
2. More humanized operation, mobile concrete mixing plants can work even in bad environment.
3. Mobile concrete mixing plants adopt efficient twin shaft compulsory concrete mixer, which can ensure the production quality and efficiency.
4. Faster to assemble and disassemble, convenient to transit.

特点:

1. 结构设计紧凑，在一个单独的拖挂单元上集中了大部分的搅拌站部件；
2. 操作方式人性化，工作稳定可靠，可在各种恶劣环境下稳定运行；
3. 双卧轴强制式搅拌机，可连续运行，搅拌均匀，搅拌运动强力、快速；
4. 整站经全挂形式可快速运到施工工地并现场组装完成。

Trailer mobile concrete batching plant 拖挂式混凝土搅拌站

Application:

It is suitable for **construction of building, highway, high-speed railway, port, bridge, airport and hydropower.**

The trailer mobile concrete batching plant is designed by our company for the need of mobile construction. The equipment combines all mixing plant equipment such as concrete mixer, batching system, weighting system, cement warehouse and screw conveyor, and install on chassis, Which make machine easy to install, can be put into construction without commissioning.

用途:

适用于建筑、公路、高铁、港口、桥梁、机场、水电等工程建设。

拖挂式搅拌站是我公司为需要移动施工而研发的混凝土搅拌设备，该设备将混凝土搅拌机、配料系统、计量系统、水泥仓、螺旋输送机等所有搅拌站设备组合在一起，安装在运输底盘上，采用拖挂形式运到施工工地，现场快速安装，无需调试即可投入施工。



Main technical parameter 主要技术参数

Item 项目	型号Type			
	THZS25	THZS35	THZS50	THZS75
Theoretical productivity(m³/h) 理论生产率	25	35	50	75
Mixer 搅拌主机	JS750/500	JS1125/750	JS1500/1000	JS2250/1500
Batching system 配料系统	PLD800	PLD1200	PLD1600	PLD2400
Discharging height(m) 卸料高度	3.8	3.8	3.8	3.8





ZHENGZHOU HANDA MACHINERY CO.,LTD.
郑州悍达机械设备有限公司



Planetary concrete mixer 立轴行星搅拌机

Application:

This series of Planetary Mixers are manufactured basing on high mixing technology. Capacity range from 50 liters to 4500 liters per batch. It's widely used for mixing precast concrete, dry hard concrete, fiber concrete, ultra high performance concrete, refractory material, ceramics, glass and chemicals.

用途:

行星式搅拌机采用混合技术制造，容量范围为每批50升至4500升。它广泛用于混凝土预拌混凝土，干硬混凝土，纤维混凝土，超高性能混凝土，耐火材料，陶瓷，玻璃和化学品的混合。



Planetary concrete mixer

Features:

1. Wide range of applications, can be used for chemical, construction, engineering and other fields.
2. Special design of the mixing device of stir faster, the mixing is more even. Stirring blades are more wear resistant.
3. Elastic couplings and hydraulic couplers (optional) can effectively protect the drive from overload shocks.
4. The special research of gear box, can equally distributed the power to the mixing device and ensure that the mixer low noise operation, even in harsh production conditions.
5. Large size of the maintenance door is facilitating to maintenance and cleaning.
6. There are high pressure cleaning device and moisture content tester can be optional.

特点:

- 1、应用范围广，可用于化工、建筑、工程等多种领域；
- 2、特殊设计的搅拌装置使搅拌速度更快，搅拌更加均匀，搅拌叶片更耐磨损；
- 3、弹性联轴器和液力耦合器（选配项）可以有效的保护传动系统免受过载的冲击；
- 4、特殊研发的减速箱，可以将功率平衡有效的分配到各搅拌装置，保证搅拌机低噪音运转，即使在苛刻的生产条件下；
- 5、大尺寸的检修门方便检修及清理；
- 6、有高压清洗装置和含水率测试仪可以备选。

Main technical parameter 主要技术参数

Item 项目	Model 型号														
	CMP50	CMP100	CMP150	CMP250	CMP330	CMP500	CMP750	CMP1000	CMP1250	CMP1500	CMP2000	CMP2500	CMP3000	CMP4000	CMP4500
Out capacity(L) 出料容量	50	100	150	250	330	500	750	1000	1250	1500	2000	2500	3000	4000	4500
Input capacity(L) 进料容量	75	150	225	375	500	750	1125	1500	1875	2250	3000	3750	4500	6000	6750
Out mass(Kg) 出料重量	120	240	360	600	800	1200	1800	2400	3000	3600	4800	6000	7200	9600	10800
Mixing power(Kw) 搅拌额定功率	3	5.5	7.5	11	15	18.5	30	37	45	55	75	90	110	160	200
Discharging power (KW) 卸料功率	Pneumatic discharge (Optional hydraulic discharge) 气动卸料 (可选配液压卸料)							3	3	3	4	4	4	4	4
Planetary/blade 行星/搅拌叶片	1/2	1/2	1/2	1/2	1/2	1/2	1/3	2/4	2/4	2/4	3/6	3/6	3/9	3/9	3/9
Side scraper侧刮板	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Discharging paddle 卸料刮板	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Weight (Kg) 搅拌机重量	700	1300	1450	1600	1700	2400	3900	6230	7000	8000	9535	10500	11000	16000	18000
Dimension (L×W×H mm) 外形尺寸	950x 786x 1200	1664x 1453x 1447	1664x 1453x 1617	1856x 1648x 1772	1862x 1850x 1870	2220x 2071x 1895	2581x 2336x 2195	2891x 2602x 2217	3058x 2756x 2305	3223x 2902x 2425	3625x 3230x 2630	3893x 3550x 2695	3893x 3550x 2975	4594x 4150x 3249	4594x 4150x 3399

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Twin shaft concrete mixer 双卧轴混凝土搅拌机

Twin shaft concrete mixer in our company use the advanced technology and scientific research at home and abroad, combined with our company many years experience of the production of concrete mixer, it is a new design and ideal twin shaft concrete mixer at present.

双卧轴强制式混凝土搅拌机是我公司应用国内外的先进技术与科研成果，结合我公司多年来生产混凝土搅拌机的经验，自行设计的一种新型双卧轴强制式混凝土搅拌机，是目前国内比较理想的双卧轴强制式搅拌机型。

Application:

- 1.It's suitable for all kinds of large, medium and small prefabricated components factory and other industrial and civil construction projects.
- 2.It can mix precast concrete, dry hard concrete, plastic concrete, liquid concrete, light weight aggregate concrete and a variety of mortar .
- 3.Highly efficient model, the application is very extensive.

用途:

- 1.适用于各类大、中、小型预制构件厂及公路、桥梁、水利、码头等工业及民用建筑工程；
- 2.可搅拌预拌性混凝土、干硬性混凝土、塑性混凝土、流动性混凝土、轻骨料混凝土及各种灰浆、砂浆；
- 3.高效率机型，应用非常广泛。

Twin shaft concrete mixer

Features:

- 1.The product design of the whole series is reasonable, the layout is new, highly automated, easy to use and maintenance.
- 2.The machine is easy to operate, the mixing efficiency is high,and quality is good, the energy consumption is low, and the shortest stirring time can be used to achieve the same mixing, the residual amount is small.
- 3.The cleaning is convenient, it is the ideal concrete mixing equipment.
- 4.For dry hard, semi-dry hard, plastic and a variety of concrete can be completed with a good mix.
- 5.High-grade Configuration, high reliability, accurate measurement, easy to operate,the reducer of mixer using internationally renowned brand components, greatly reducing the equipment failure rate, improve equipment utilization.

特点:

- 1.该系列产品整机设计结构合理，布局新颖，自动化程度高，使用维修方便；
- 2.本机操作方便，搅拌效率高，搅拌质量好，能耗低，可以用最短的搅拌时间达到均匀搅拌，残余量小；
- 3.清洗方便，是较为理想的混凝土搅拌设备；
- 4.对于干硬性、半干硬性、塑性及各种配比的混凝土均能完成良好的搅拌；
- 5.配置高档、可靠性高、计量精确、操作方便，搅拌主机减速机采用国际知名品牌元件，大大降低了设备故障率，提高了设备使用率。

Main technical parameter 主要技术参数

Model 型号	KTSB1000	KTSB1250	KTSB1500	KTSB2000	KTSB2500	KTSB3000	KTSB3500	KTSB4000	KTSB4500
Charging volume 进料容量 (L)	1500	1750	2250	3000	3750	4500	5300	6000	6750
Discharging volume 出料容量 (L)	1000	1250	1500	2000	2500	3000	3500	4000	4500
Max. of aggregate 最大粒径 (mm)	80/100	80/100	80/100	80/100	80/100	80/120	80/120	80/150	80/150
Weight 重量 (t)	5.2	5.5	5.8	7.5	8.5	9.2	9.6	12.2	12.5
Motor power 电机功率 (KW)	18.5×2	22×2	30×2	37×2	45×2	55×2	55×2	75×2	75×2
Dimension 外型尺寸 (mm)	2810x2000x1920	3020x2000x1920	3030x2000x1920	3460x2320x2140	3670x2320x2140	3880x2600x2200	4100x2600x2200	4670x2600x2200	4890x2600x2200
Mix time 搅拌时间 (S)	≤30	≤30	≤30	≤30	≤30	≤30	≤30	≤30	≤30





Concrete pump truck

Features:

- 1.The boom is flexible and fast, the leg cover is small, the vehicle move easily, flexible and stable.
2. The special chassis research aim to the rural market , the vehicle width only 2.3 meters, muddy, narrow rural roads can easily deal with, through performance is excellent .
3. Use flexible four-arm design, fabric range is more 20% than the three arm .
4. Apply unilateral support technology, the construction of small sites can also be easily achieved.
5. Pump system hydraulic control automatic commutation, maintenance easier.
6. X-type leg design to make the operation more stable and more secure.

特点:

- 1.臂架伸缩灵活快捷，支腿占地空间小，整车移动方便，机动灵活,稳定安全；
- 2.针对农村市场开发研制的专用底盘，整车宽度仅为2.3米，泥泞、狭窄的乡村道路皆可轻松应对，通过性极佳；
- 3.采用灵活的四节臂设计，布料范围比三节臂大20%；
- 4.应用单侧支撑技术，狭小场地的施工亦可轻松实现；
- 5.泵送系统液控自动换向，养护更轻松；
6. X型支腿设计令操作更稳定更安全；

Main technical parameter 主要技术参数

Model 型号	25m	27m	29m	30m	34m	38m
Pumping System 泵送系统						
Max.theoretical output 最大理论输送量(m³/h)	70	70	80	80	100	140
Max.concrete outlet pressure 混凝土最大出口压力(MPa)	10.5	10.5	10.5	10.5	10.5	12
Rated working pressure 额定工作压力(MPa)	32	32	32	32	32	32
Pumping frequency 泵送频率(min-1)	26/16	26/16	28/17	28/17	30/19	30/19
Concrete cylinder dia×stroke 混凝土缸径×行程(mm)	200×1450	200×1450(1650)	200/230×1450(1650)	200/230×1450(1650)	200/230×1650	230×1900
Jib structure 臂架						
Jib structure 支腿结构形式	25XH-4M	27XH-4M	29XH-4M	30XH-4M	34XR-5RZ	38XR-5RZ
Max.concrete placing(height/radius/depth) 最大布料 (高度/半径/深度)	25/21.4/14.4	27/23.4/16.2	29/25/17.8	30/26/18.3	34/29.3/21	38/34/24
Rotation angle 回转角度(°)	390	390	390	390	390	390
Chassis 底盘及整车						
Chassis model 底盘型号	Jiefang/Dongfeng/SINOTRUCK/Foton 解放/东风/重汽/福田					Jiefang/SINOTRUCK 解放/重汽
Max.power 发动机最大功率	180HP-340HP					375HP
Emissions standards 尾气排放标准	National IV 国IV					National V 国V

Concrete pump truck 混凝土泵车

Application:

This series of small concrete pump truck is after the trailer pump, car pump, hydraulic concrete placing boom, the full build of the short arm pump boutique, it is set driving, pumping,placing in one of the highly efficient concrete transportation equipment.The pump set high reliability, high economy, high security, high durability in one, chassis, power, electronic control,hydraulic,pumping system match reasonable.

用途:

本系列小型混凝土泵车是继拖泵、车载泵、液压混凝土布料机之后，全力打造的中短臂架泵车的精品，是集行驶、泵送、布料于一体的高效混凝土输送设备。该泵车集高可靠性、高经济性、高安全性、高耐用性于一体，底盘、动力、电控、液压、泵送系统合理匹配。



Application/应用范围

The concrete placing boom is used to deliver the concrete from the pump to the precast mold through pipe. It is widely used in hydroplant, power plant, metallurgical industry, chemical industry, transportation, municipal engineering, and construction.

混凝土布料机是泵送混凝土的末端设备，其作用是将泵压来的混凝土通过管道送到要浇筑构件的模板内，广泛应用在水电厂、火电厂、冶金、化工、运输、市政等领域的施工。

Working principle /工作原理

The hose end of concrete placing boom is connected to concrete pump to form a delivery pipeline at the construction site. The concrete in the hopper will be continuously pumped through concrete pipeline and main beam and manual pipe to the construction area.

混凝土布料机进料弯管前端与混凝土泵配管端相连，构成完整泵送施工的输送管路，料斗中的混凝土在泵送工作的压力下，通过混凝土输送管路和主梁架及手动管的回转连续送到施工现场布料范围内。

Main Features/主要特点

1. Wide placing ranges, simple and convenient to operate, which greatly reduce labor and shorten the construction time.
 2. Conduct large-area placing reduces cold joints in the process and concrete layer is formed at once.
 3. No direct contact with mold, so no shake and avoid some invisible problems occurred between initial solidification and final solidification of the concrete.
 4. Precisely convey the concrete which effectively reduce the mold explosion and guarantee accurate construction size.
 5. Its fixture at the jobsite which can effectively reduce the damage onto the ribbed slabs.
1. 布料机的浇注范围大，操作简单方便，大大减轻了工人的劳动强度，缩短了施工工期。
 2. 在大面积混凝土浇注施工中，减少施工冷缝，做到了混凝土一次浇注成型。
 3. 布料机由于不与模板接触，避免了由于震动，在混凝土初凝后至终凝前给结构留下难以治愈的暗伤。
 4. 布料机能准确的输送混凝土，有效的减少爆模，有利于保证结构尺寸准确。
 5. 布料机固定在一个位置能大范围的施工，有效的减少对筋板的破坏。



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Column and Climbing type Concrete Placing Boom

内爬式混凝土布料机



Features

- 1. 3- or 4-arm design, fully driven by hydraulic system, slew flexibly with wide working range. The arms are made of high tensile steel plate, large strength and lightweight.
- 2. Two optional operation modes: wireless remote control and cable remote control, easy to operate.
- 3. Inner-climbing frames: floor frames or wall (lift or shaft) frames, which are suitable for different jobsites.
- 4. Each move is controlled by electrohydraulic proportional valve, more stable and less impact.
- 5. The main electronic components are world-famous brand, with high quality and stable performance.

性能特点

- 1.臂架分为四节，全液压驱动，折叠、展开灵活，布料范围广。臂架结构采用高强度钢板制作，强度大，自重轻。
- 2.可选择无线遥控或有线遥控操作方式，操作轻松方便。
- 3.内爬方式分为楼面内爬和电梯井内爬，更能满足不同工地的需求。
- 4.各个动作采用电比例控制，动作更平稳，冲击小。
- 5.主要电气、液压元器件采用进口知名品牌，质量稳定可靠。

Main technical parameter 主要技术参数

Model 型号		PB17A3Z	PB24A3R	PB28A3R	PB32A3R	PB33A4R	PB38A4RE
Radius of placing boom 布料半径 (m)		17	24	27.7	31.7	32.44	38
Working area 工作范围(m²)		907	1808	2461	3215	3304	4534
Stationary height 独立高度(m)		13	18.4	22.6	22.6	22.6	22.6
Slewing range 回转范围 (°)		360	360	360	360	360	360
Power of motor 电机功率 (kW)		5.5	11	11	15	22	30
Pressure of hydraulic system 液压系统压力(MPa)		25	28	28	28	30	30
Type of hydraulic oil 液压油类型		H46	HM46	H46	H46	H46	H46
Hydraulic foldable arms 液压卷折式(m)	1st section 一节臂	6.93	9.55	10.5	14.5	9.51	14.91
	2nd section 二节臂	5.06	7.75	9.2	9.2	7.56	7.56
	3rd section 三节臂	5.01	6.7	8	8	7.65	7.56
	4th section 四节臂	/	/	/	/	7.2	7.72
Boom articulation 臂架转角 (°)	1st section 一节臂	0~88	0~86	0~86	0~86	0~86	0~86
	2nd section 二节臂	0~180	0~180	0~180	0~180	0~180	0~180
	3rd section 三节臂	0~235	0~180	0~180	0~180	0~180	0~180
	4th section 四节臂	/	/	/	/	0~180	0~180
Interval of climbing frame 内爬框间距(m)	Climbing 爬升	3.0~4.2	3.0~4.2	3.0~4.2	3.0~4.2	3.0~4.2	3.0~4.2
	Placing concrete/rest 布料/待机	/	6.0~8.4	6.0~8.4	6.0~8.4	6.0~8.4	6.0~8.4
Delivery pipe specification 砼输送管规格		DN125	DN125	DN125	DN125	DN125	DN125
Delivery hose dimension (inner diameter×length) 砼软管规格(内径×长度) ("×mm)		5"×3000	5"×3000	5"×3000	5"×3000	5"×3000	5"×3000
Operation mode 操作方式		Cable remote control 有线遥控/radio remote control 无线遥控					
Wind speed 风速(m/s)	Placing concrete 布料	≤13.8	≤13.8	≤13.8	≤13.8	≤13.8	≤13.8
	Climbing 爬升	≤7.9	≤7.9	≤7.9	≤7.9	≤7.9	≤7.9
Working temperature 工作温度(°C)		-20 ~ 48	-20 ~ 48	-20 ~ 48	-20 ~ 48	-20 ~ 48	-20 ~ 48
Note 备注		Z-foldable arms Z 型结构	R-foldable arms R 型结构	R-foldable arms R 型结构	R-foldable arms R 型结构	R-foldable arms R 型结构	R-foldable arms R 型结构





Lattice type Concrete Placing Boom 塔身式混凝土布料机

Features/性能特点

1. Lattice tower type concrete placing boom is the perfect combination of tower body and boom assembly, which fully exhibits their respective advantages: tower body can be added mast section to lengthen the height and boom can place the concrete.
2. It can rise along with the building by climbing frame and adding mast section. And it can adhere to the wall when the building is higher than mechanical free standing height.
3. Equipped with lifting mechanism, it can lift mast section when climbing.
4. Four arms design. It is fully driven by hydraulic system and can slew flexibly, with wide working range. Arms made of high tensile steel plate features larger strength and lighter weight.
5. Two modes of operation: wireless remote control and cable remote control, easy to operate.
6. Each operation is controlled by electro-hydraulic proportion control, stable move with little impact.
7. Main electronic components are world-famous brand, with high quality and reliable performance.

- 1、将塔机的塔身与布料机的上装结合，既具有塔机自身加节的功能，又具有布料机布料的功能。
- 2、随着建筑物的升高，布料机可通过自带的爬升架增加标准节来升高。建筑物相对较高时，布料机可稳定抓住墙体。
- 3、配置有起升机构，在爬升加节时，能自身起吊标准节。
- 4、臂架分为四节，全液压驱动，折叠、展开灵活，布料范围广。臂架结构采用高强度钢板制作，强度大，自重轻。
- 5、可选择无线遥控或有线遥控操作方式，操作轻松方便。
- 6、各个动作采用电比例控制，动作更平稳，冲击小。
- 7 主要由气 液 压 元 件 采 用 进 口 知 名 品 牌 质 量 稳 定 可 靠

Lattice type Concrete Placing Boom



Main technical parameter 主要技术参数

Model 型号		PB38BT4RE	PB51AT4RE
Radius of placing boom 布料半径 (m)		38	51
Working area 工作范围(m²)		4534	8167
Freestanding height(to boom hinge point) 独立高度 (至臂跟铰点) (m)		45.5	52
Optional: Anchored height(to boom hinge point) 可选：铰接高度 (至臂跟铰点) (m)		141.5	202
Slewing range 回转范围 (°)		360	360
Power of motor 电机功率 (kW)		30	30
Pressure of hydraulic system 液压系统压力(MPa)		30	30
Type of hydraulic oil 液压油类型		HM46	HM46
Four hydraulic foldable arms 四节臂液压卷折式(m)	1st section 一节臂	14.91	21.5
	2nd section 二节臂	7.56	9.8
	3rd section 三节臂	7.65	9.8
	4th section 四节臂	7.72	9.9
Boom articulation 臂架转角(°)	1st section 一节臂	0-86	0-86
	2nd section 二节臂	0-180	0-180
	3rd section 三节臂	0-180	0-180
	4th section 四节臂	0-180	0-180
Delivery pipe specification 砼输送管规格		DN125	DN125
Delivery hose dimension (inner diameter×length) 砼软管规格(内径×长度) ("×mm)		5"×3000	5"×3000
Operation mode 操作方式		Cable remote control 有线遥控/ radio remote control 无线遥控	
Wind speed 风速(m/s)	Placing concrete 布料	≤13.8	≤13.8
	Climbing 爬升	≤7.9	≤7.9
Counterweight 配重 (t)		7.2	12
Hook capacity of lift winch 吊钩起重重量(t)		2	2
Working temperature 工作温度(°C)		20-40	20-40





Manual Concrete Placing Boom 手动式混凝土布料机

Features/性能特点

1. Two arms design and each section can flexibly slew 360° with wide working range.
2. Two support outriggers: for telescopic type, easy to operate and convenient to transfer, the chassis is crossed-designed and can be connected to the lower column or upper column directly; for inclined type, standard outriggers and raised outriggers (400 or 900mm) for choosing, can be folded away quickly and widely used in various conditions.
3. For telescopic outriggers, equipped cross-designed chassis can be connected to removable lower column (4m standard section) or upper column directly. The removable design is to satisfy different requirements on the jobsite.
4. The arm cable length is adjustable so as to adjust the levelness of delivery pipe in 2nd section.
5. Lightweight designed structure, convenient to lift on the jobsite.
6. The counterweight box with beautiful shape is easy to pour the concrete.

- 1、臂架分两节，每节可360°回转，转动灵活，布料范围广。
- 2、支腿有两种：伸缩式，工作时伸出，运输时缩进，减小运输空间；斜支脚式，标准和加高（400或900mm）两种可选，应用广泛。
- 3、伸缩式支腿的底架为十字交叉结构，用于连接下立柱或者直接连接上立柱；下立柱（4m标准节）用于连接上立柱与底架，下立柱可根据施工现场的要求自主确定取舍。
- 4、臂架拉索长度可调，便于调整二臂输送管的水平度。
- 5、整机重量轻，移动灵活方便，用户也可轻易进行起吊作业。

6、臂架拉索长度可调，便于调整二臂输送管的水平度。

Manual Concrete Placing Boom



Main technical parameter 主要技术参数

Model 型号	PB10AS	PB10BS	PB12AS	PB12BTS
Radius of placing boom 布料半径 (m)	10	10	12	12
Working area 工作范围(m²)	314	314	452	452
Stationary height 独立高度 (m)	2.2	2.6	2.6	6.8
Mast section height 桅杆高度 (m)	/	/	/	4
Slewing range 回转范围 (°)	360	360	360	360
Operation mode 操作方式	Manual	Manual	Manual	Manual
Foldable arms 卷折式 (m)	1st section 一节臂	4.5	4.5	5.5
	2nd section 二节臂	5.5	5.5	6.5
Delivery pipe specification 砼输送管规格	DN125	DN125	DN125	DN125
Delivery hose dimension (inner diameter×length) 砼软管规格(内径×长度) ("×mm)	/	/	/	5"X3000
Wind speed 风速 (m/s)	≤ 13.8	≤ 13.8	≤ 13.8	≤ 13.8
Working temperature 工作温度(°C)	-20 ~ 48	-20 ~ 48	-20 ~ 48	-20 ~ 48
Total weight(with counterweight) 总重量 (含配重) (kg)	1900	1750	2050	3100
Counterweight 配重(kg)	600	600	900	1300
Max lifting capacity 最大起吊重量 (kg)	1300	1150	1150	1800
Note 备注	Inclined outriggers (optional:rise400/900mm) 斜支脚结构 (可选：底座加高 400/900mm)		Telescopic outriggers 伸缩结构	





Specialized type Concrete Placing Boom

固定式混凝土布料机

Features/性能特点

1. The machine is designed for precast yard. The lightweight designed arms can rotate horizontally. It is driven by hydraulic system, simple structure and easy to operate.
2. Adopt circular column with strong carrying capacity and little shake. Equipped with ladder and the retainer, easy to repair and maintain.
3. Two modes of operation: wireless remote control and cable remote control, easy to operate.
4. Main electronic components are products of the world-famous brand, with high quality and stable performance.
5. 45Mn2 delivery pipe, longer service time and less pipe changing times, which can greatly improve the efficiency.
6. Adopt removable foundation which can remove as a whole without disassembly, convenient to transfer and high efficient.

- 1、本产品为预制场专用布料机，臂架为轻量化设计，两节臂水平旋转，全液压驱动，结构简单，操作方便。
- 2、圆柱式塔身，承载力强，晃动小，还配备平台爬梯及栏杆，便于检修设备保养。
- 3、可选择无线遥控或有线遥控操作方式，操作轻松方便。
- 4、液压电气元件采用国内外知名品牌，性能稳定。
- 5、采用45Mn2耐磨输送管，提高输送管寿命，减少换管次数，提高生产效率。
- 6、采用可拆式底座，可整体拆卸，方便转移，提高效率。

Specialized type Concrete Placing Boom



Main technical parameter 主要技术参数

Model 型号		PB19AG	PB21AM3R
Radius of placing boom 布料半径 (m)		19	21
Working area 工作范围(m²)		1133	1385
Stationary height (with concrete foundation) 独立高度 (含混凝土底座) (m)		7	4.2
Slewing range 回转范围 (°)		360	360
Power of motor(kW)电机功率 (kW)		4	7.5
Pressure of hydraulic system 液压系统压力 (MPa)		16	28
Type of hydraulic oil 液压油类型		H46	HM46
Three hydraulic foldable arms 三节液压卷折式(m)	1st section 一节臂	10.5	8.4
	2nd section 二节臂	8.5	6.9
	3rd section 三节臂	/	5.7
Boom articulation 臂架转角 (°)	1st section 一节臂	0~360	0~90
	2nd section 二节臂	0~360	0~180
	3rd section 三节臂	/	220
Delivery pipe dimension 砼输送管规格		DN125	DN125
Delivery hose dimension (inside diameter ×length) 砼软管规格(内径×长度) (mm×mm)		5"×3000	5"×3000
Operation mode 操作方式		Cable remote control 有线遥控/radio remote control 无线遥控	
Wind speed 风速 (m/s)	Placing concrete 布料	≤13.8	≤13.8
	Climbing 爬升	≤7.9	≤7.9
Working temperature 工作温度 (°C)		-20 ~ 48	-20 ~ 48
Container 集装箱		1*40HQ/unit	1*40HQ/unit





Mobile type Concrete Placing Boom 移动式混凝土布料机

Features/性能特点

- 1. 3-sectional arms, fully driven by hydraulic, flexibly fold and unfold upon specific request. It can slew 360° with wide working range.
 - 2. Main body, made of high strength steel plate, features high strength and lightweight, which can greatly meet the carrying requirement.
 - 3. Two modes of operation: wireless remote control and cable remote control, easy to operate.
 - 4. Optional outriggers: telescopic outriggers stretch out during working period and retract in the process of transportation, which can save transport space; inclined outriggers (spider legs), stable support.
 - 5. Compact structure, lightweight, small cover area, convenient to lift and move on the jobsite based on the placing request.
 - 6. Main electronic components are world-famous brand, high quality and stable performance.
 - 7. The counterweight box with beautiful shape is easy to pour the concrete (by customer).
- 1、臂架分三节，全液压驱动，Z型结构，折叠、展开灵活方便，并且可360°回转，布料范围广。
- 2、主体结构采用高强度钢板制作，强度大，自重轻，能很好地满足楼层承载的要求。
- 3、可选择无线遥控操作或面板操作方式，操作轻松方便。
- 4、两种支腿结构：伸缩式，工作时伸出，运输时缩进，减小运输空间；斜支脚式，支撑稳定。
- 5、整机重量轻，占地空间小，可根据布料的需要，在施工范围内轻易吊装移动。
- 6、主要电气、液压元器件采用进口知名品牌，质量稳定可靠。
- 7、箱式配重造型美观，便于浇注混凝土。

Mobile type Concrete Placing Boom



Main technical parameter 主要技术参数

Model 型号		PB13A3Z	PB15B3R	PB17B3R
Radius of placing boom 布料半径 (m)		13	15	17
Working area 工作范围(㎡)		530	706	907
Stationary height (to the join between the end of boom and swivel table)独立高度 (至臂根铰点) (m)		2.25	2.7	2.7
Slewing range 回转范围 (°)		360	360	360
Slewing speed 回转速度 (rpm)		0.3	0.3	0.3
Power of motor 电机功率 (kW)		4	4	4
Pressure of hydraulic system 液压系统压力(MPa)		25	25	25
Hydraulic foldable arms 液压卷折式(m)	1st section 一节臂	5.55	5.8	6.8
	2nd section 二节臂	3.75	5.1	5.8
	3rd section 三节臂	3.7	4.1	4.6
Delivery pipe specification 砼输送管规格		DN125	DN125	DN125
Delivery hose dimension (inner diameter×length) 砼软管规格(内径×长度) (" ×mm)		5"X3000	5"X3000	5"X3000
Operation mode 操作方式		Cable remote control 有线遥控/ Radio remote control 无线遥控		
Wind speed 风速(m/s)		≤13.8	≤13.8	≤13.8
Working temperature 工作温度(°C)		-20 ~ 48	-20~ 48	-20~ 48
Total weight(with counterweight)总重量 (含配重) (kg)		4500	6200	6900
Counterweight 配重(kg)		1800	2400	2800
Max lifting capacity 最大起吊重量 (kg)		1700	3800	4100
Note 备注		Z-foldable arms Z 型结构; telescopic outriggers 伸缩式支腿		
		R-foldable arms R 型结构; inclined outriggers 斜支脚		



Product Introduction

The vehicle uses of CNC plasma equipment and the world's leading tooling fixture to ensure the accuracy of manufacturing parts. The key welds are CNC automatic welding to ensure weld strength. The design of the slender profile is used to reduce the center of gravity of the vehicle, making the vehicle run more smoothly and greatly increase the safety performance. At the same time, the proper inclination angle also ensures the effective volume of the jacket to ensure the customer's interests.

Chassis is mainly used Dongfeng, SINOTRUCK, SHACMAN, Auman, Jiefang, JAC, Hongyan, Dayun, Hino, Isuzu and other concrete mixer dedicated chassis. And for different chassis needs customized different coat manufacturing program, in order to achieve the best vehicle matching, and truly make the most extensive products.

The working principle is the hydraulic pump from the drive shaft to obtain power, and this power is the use of high-power chassis from the chassis to take out the whole. The hydraulic motor is obtained by the hydraulic pump to obtain hydraulic pressure, and the hydraulic energy into kinetic energy, the deceleration by the reducer to send to the stirring cylinder, stirring cylinder of the forward rotation and the speed of the size of the hydraulic pump servo handle angle To adjust the control, through a series of mechanical activities, to achieve its feed, mixing, discharge and other functions.

Technical characteristics

1. The use of high-quality special wear-resistant steel plate manufacturing mixing cylinder and leaves.
2. The tank is treated with blast shot pretreatment after welding to remove rust and enhance its anti-rusting capacity.
3. Tank docking and leaves welding using large rotary tooling, high precision.
4. The hydraulic system all used in imported components, compact structure, outstanding performance.
5. The vehicle looks beautiful, compact and reasonable structure.
6. Operation system is smart and simple to easily fulfill clockwise/counterclockwise rotation and inlet operations.
7. Blades in the mixer drum adopts mold punching technology.



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Concrete Solution



3m³ Transit Mixer Truck

Capacity(m³)	3
Chassis	Shifeng
Driving Model	4×2
Max.Power(hp)	60
Emissions Standards	National StandardⅡ
Overall Dimension(mm)	5300×1900×2500
Curb Weight(kg)	6950



5m³ Transit Mixer Truck

Capacity(m³)	5
Chassis	SINOTRUCK/SHACMAN/Dongfeng/Foton/Dayun
Driving Model	4×2
Max.Power(hp)	130-140
Emissions Standards	National StandardⅣ/V
Overall Dimension(mm)	7050×2300×3380
Curb Weight(kg)	7955



6m³ Transit Mixer Truck

Capacity(m³)	6
Chassis	SINOTRUCK/SHACMAN/Dongfeng/Hino/Iveco
Driving Model	6×4
Max.Power(hp)	160-185
Emissions Standards	National StandardⅣ/V
Overall Dimension(mm)	7950×2500×3850
Curb Weight(kg)	9600



4m³ Transit Mixer Truck

Capacity(m³)	4
Chassis	Shifeng/Foton
Driving Model	4×2
Max.Power(hp)	90-120
Emissions Standards	National StandardⅡ/Ⅳ
Overall Dimension(mm)	6500×2300×3450
Curb Weight(kg)	7300



6m³ Transit Mixer Truck

Capacity(m³)	6
Chassis	SINOTRUCK/SHACMAN/Dongfeng/Foton/Dayun
Driving Model	4×2
Max.Power(hp)	140
Emissions Standards	National StandardⅣ/V
Overall Dimension(mm)	7300×2500×3630
Curb Weight(kg)	8150



8m³ Transit Mixer Truck

Capacity(m³)	8
Chassis	SINOTRUCK/SHACMAN/Dongfeng/Hino/Iveco
Driving Model	6×4
Max.Power(hp)	160-336
Emissions Standards	National StandardⅣ/V
Overall Dimension(mm)	8120×2360×3750
Curb Weight(kg)	10195