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Concrete Batching Plant
混凝土搅拌站HZS
混凝土搅拌站---皮带式HZS Concrete Batching Plant
--Belt typeBrief Introduction
总体介绍

HZS series concrete batching plant (belt type) is composed of the mixing machine, material weighing system, material conveying system, material storage system, control system and other subsidiary facilities. It enjoys the benefits of large transport distance, high efficiency and low failure rate. With good mixing effect for dry, rigid, plastic and all kinds of concrete proportion, it is widely used in the long duration and site-focused large and medium hydropower project, bridges and other construction projects and commodities concrete production etc.

HZS series belt type concrete batching plant mainly consists of mixer, material weighing system, material conveying system, material storage system and control system etc. It has the advantages of long transport distance, high efficiency and low failure rate. For dry, rigid, plastic and all kinds of concrete proportion, it can reach a good mixing effect. It is widely used in large and medium hydropower project, bridges and other construction projects and commodities concrete production etc.

Main Features
性能特点

1. Excellent mixing performance. The mixer adopts the German technology, with strong mixing performance, stir even, rapid and high productivity. Special made mixer plates and blades, and special shaft bearing and shaft-end sealing design greatly prolong the lifetime of the mixer.
2. Highest reliable performance. All electrical components of the control system are imported, greatly reduces the equipment failure.
3. Unique no-sticky shaft technology. The unique design and reasonable allocation of the mixing arms, blades, material feeding points and order greatly avoid the concrete sticky shaft problem.
4. Accurate measurement accuracy. Adopt computer and meter control mode, fast calculation speed and short response time. Reliable load cells ensure accurate weighing.
5. Accurate measurement accuracy. Beautiful and easy modeling, reasonable structure, pleasant color, comfortable operation, convenient maintenance is the guarantee of excellent products.
6. Convenient transportation and installation. Module structure is with compact design. The batcher, mixing section, screw conveyor and cement silos are independent sections. The disassembly and installation is fast and the transport is convenient. Different arrangement is available for different requirements.
7. Simple operating performance. Adopt computer control, which can be operated automatically and manually. Displayed by dynamic panel, which can get the operation of the various components, store and print report data.
8. Good maintenance performance. Be equipped with walk plate form or ladder to

ensure the directly vision and adequate operation space. Plant is fully or semi enclosed equipped, which can ensure the operation under the bad weather.

9. Excellent environment protection performance. Fully closed structure greatly reduces the dust and the noise pollution of the environment.
10. TV monitoring system. According to user's request, TV monitor (usually four points) can be installed in order to make real-time monitoring to batching machine, concrete mixer and discharging gate.

1. 优良的搅拌性能。搅拌主机采用德国技术。搅拌性能强，搅拌均匀、迅速，生产率高。搅拌机衬板及搅拌叶片经特殊处理，独特的轴端支撑及密封形式极大的提高了主机的使用寿命。
2. 高度的可靠性。控制系统的所有电器元件均采用进口元件，大大的降低了设备的故障率。
3. 独特的不粘轴技术。通过对搅拌臂、搅拌叶片、物料投料点位置、物料投料次序等零部件及动作的独特设计和合理分配，解决了混凝土粘轴这一难题，减轻工人的劳动强度。
4. 精确的计量精度。采用微机以仪表的控制方式，计算速度快、响应时间短；选用优质可靠的传感器，确保计量精确。
5. 完美的工业设计。整机造型美观大方、结构布局合理、色彩怡人、操作更舒适、维修更方便。
6. 方便的排场安装。整体结构为模块化。配料机、皮带输送机、主体、螺旋输送

机均为独立机构，主体由几个独立的模块组成，转场时拆卸、安装迅速，运输方便、快捷。

7. 简捷的操作性能。整机采用计算机控制，既可自动控制，也可手动操作，操作简单，易于掌握。动态面板显示，能清楚了解各部件的运行情况，同时可以存储、打印报表资料。
8. 良好的维护性能。每个保养、维修部位都设有走台或梯子，直接可视且有足够的操作空间。站的全封闭或半封闭式装备，保证了所有作业都可以风雨无阻的进行。
9. 优秀的环保性能。全封闭结构的搅拌主体及骨料皮带输送机，极大的降低了粉尘和噪音对环境造成的污染。
10. 可设电视监视系统。根据用户的订货要求，可设若干点电视监视器（一般为四点），对配料机、混凝土搅拌机出口等进行实时监控。

Technical Parameters
技术参数

型号 Model	单位 Unit	HZS60
理论生产率 Theoretical productivity	m ³ /hr	60
搅拌机型号 Mixer model	-	JS1000
搅拌机功率 Mixing motor power	kw	37
上料方式 Feeding mode	-	皮带送料 Belt conveyor
理论循环周期 Cycling period	s	60
骨料最大粒径 Max. aggregate size	mm	Φ80
骨料仓容量 Aggregate bins capacity	m ³	3*12
卸料高度 Discharging height	m	4.0
骨料计量精度 Aggregate weighing precision	-	±2%
粉料计量精度 Power weighing precision	-	±1%
水计量精度 Water weighing precision	-	±1%
外加剂计量精度 Additive weighing precision	-	±1%

HZS90	HZS120	HZS180	HZS240
60	120	180	240
JS1500	JS2000	JS3000	JS4000
55	2*37	2*55	2*75
皮带送料/Belt conveyor			
60	60	60	60
Φ80	Φ80	Φ80	Φ80
3*12	4*20	4*20	4*25
4.0	4.0	4.0	4.0
±2%	±2%	±2%	±2%
±1%	±1%	±1%	±1%
±1%	±1%	±1%	±1%
±1%	±1%	±1%	±1%