



DASON

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JS Series Twin Shafts Concrete Mixer

JS系列双卧轴混凝土搅拌机



Brief Introduction

JS series concrete mixer has been provided with double superiorities, that is single-independent work and combinatorial function with PLD series aggregate machine, also provide the matching engine for mixing plant, and so it applies to all kinds of middle and small scale prefabricated-component factory as well as industry and Civil Construction like highway, railway, bridge, irrigation works, dock and so on. With a high efficiency, this machine can be applied to all kinds of material, such as harsh concrete, plastic concrete, lightweight aggregate concrete and others mortar.

JS系列混凝土搅拌机系双卧轴强制式搅拌机，该机具备了单机独立作业和与PLD系列配料机组成简易式混凝土搅拌站的双重优越性，还可为搅拌站提供配套主机，适用于各类大中小预制构件厂及公路、桥梁、水利、码头等工业及民用建筑工程，可搅拌干硬性混凝土、塑性混凝土、流动性混凝土，轻骨料混凝土及各种砂浆，是一种高效率机型，应用非常广泛。

产品简介

Technical Features

- Adopt multiple shaft-end sealing and floating sealing device, efficiently stop concrete leakage from shaft-end;
 - Adopt pneumatic or hydraulic concrete-discharging device, efficiently increase the service life and sealing of discharging gate;
 - Blades & linings adopt high hardness and tenacity wear-resistant alloy cast iron with long working life;
 - Adopt combined installation for transmit part and mixing drum, conveniently for assemble and maintain equipment
 - Assemble lifting bucket and rails for aggregate feeding;
- Regarding to clients request, the concrete mixer discharging height can be designed to 1.5m, 2.7m, or 3.8m.

- 1、配备多重轴端密封及浮动密封保护装置，有效杜绝轴端漏浆现象发生；
- 2、采用气动、液压卸料门装置，有效提高卸料门寿命及密封性；
- 3、搅拌叶片和衬板采用高硬度和高韧度的耐磨合金铸铁制作，使用寿命长；
- 4、传动部分与搅拌机部分采用组合式安装方式，安装维修方便；
- 5、装配有提升料斗和轨道，便于骨料喂料。
- 6、根据客户要求，主机卸料高度可设计为1.5米、2.7米和3.8米。

技术特点

Working principle

- Concrete mixer is one kind of construction machine which can mix cement, aggregate, water into concrete mixture material.
- Concrete mixer is made of mixing drum, loading material device, unloading material device, water supply system, power supply device, transmission device, mechanical frame and supporting device.
- Concrete mixer makes the various of material mixing equally in macroscopically and microcosmically, break the reunion phenomenon of cement powder, promote dispersion of behavior.
- Concrete mixer breaks the film parcel layer of the initial water compound on surface of cement powder.
- Concrete mixer promotes the crash and friction among the different material, reduce the impact of dust film.
- Concrete mixer increases the sporting times of various material units, and the crossover frequency of movement locus, speed up the homogeneity.

- 1、混凝土搅拌机是把水泥、砂石骨料和水混合并拌制成混凝土混合料的机械。
- 2、混凝土搅拌机主要由搅拌筒、加料和卸料机构、供水系统、原动力、传动机构、机架和支承装置等组成。
- 3、混凝土搅拌机使各组成成分宏观与微观上均匀，并且混凝土搅拌机破坏水泥颗粒团聚现象，促进弥散现象的发展。
- 4、混凝土搅拌机破坏水泥颗粒表面的初始水化物薄膜包裹层。
- 5、混凝土搅拌机促使物料颗粒间碰撞摩擦，减少灰尘薄膜的影响。
- 6、混凝土搅拌机提高拌合料各单元体参与运动的次数和运动轨迹的交叉频率，加速匀质化。

工作原理

Main configuration and parameters

型号 Model	JS500	JS750	JS1000	JS1000B	JS1500	JS1500B
出料容量 Discharge capacity(L)	500	750	1000	1000	1500	1500
进料容量 Feeding capacity(L)	800	1200	1600	1600	2400	2400
最大生产率 Max. production rate	25m ³ /h	35m ³ /h	50m ³ /h	60m ³ /h	75m ³ /h	90m ³ /h
最大骨料粒径 Maximum aggregate size (卵石pebble/gravel)	80mm/60mm	80mm/60mm	80mm/60mm	80mm/60mm	80mm/60mm	80mm/60mm
搅拌周期 Mixing circle	72s	72s	72s	60s	72s	60s
搅拌臂 Mixing blade	转速 Rational speed	35r/min	31r/min	25.5r/min	30r/min	25.5r/min
	数量 Quantity	2×7	2×7	2×8	2×8	2×8
搅拌电机 Mixing motor	型号 Type	Y180M-4	Y200L-4	Y225S-4	Y180M-4	Y225M-4
	功率 Power (kw)	18.5	30	37	2×18.5	2×22
提升电机 Hoist motor	型号 Type	YEZ132S-4-B5	YEZ132M-4-B5	YEZ160S-4	YEZ180L-4	YEZ180L-4
	功率 Power (kw)	5.5	7.5	15	15	18.5
水泵电机 Pump motor	型号 Type	50DWB20-8A	65DWB35-5	KQW65-100I	KQW65-100I	KQW65-100I
	功率 Power (kw)	0.75	1.1	3	3	3
外形尺寸 Dimension	运输状态 Transporting Status(mm)	3050*2300*2680	3650*2300*2890	4640*2350*2450	4860*2750*2450	5058*2350*2550
	工作状态 Working status(mm)	4461*3050*5225	4951*3650*6225	8765*3436*9540	8765*3636*9740	9645*3736*9700
重量 Total weight(kg)	4000	5500	8700	9200	11130	11750
卸料高度 Discharge height(mm)	1500/2700/3800	1500/2700/3800	2700/3800	3800	3800	3800

主要配置与参数

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