

高性能立轴行星式搅拌机 TPZ

High-Performance Planetary Mixers TPZ



适用于各种领域和高质量的要求
用于生产优质建筑材料

For the most diverse applications and highest demands
for the production of quality building materials



泰卡搅拌，无所不转

Teka



泰卡立轴行星式搅拌机TPZ提供每次最大填料量从250立升到4500立升，出料量从0.17立方到3.0立方，等多种机型

泰卡立轴行星式搅拌机提供:

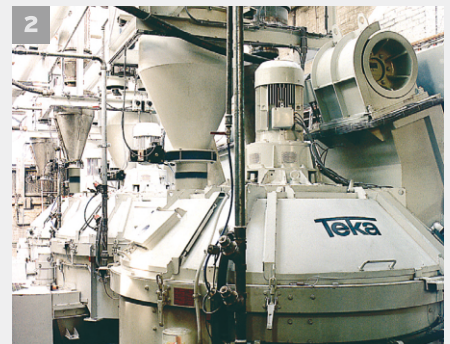
- › 最短时间内通过有效的混合系统来实现高效均匀的搅拌(1.)
- › 大方量，不同配比的搅拌料都可以得到稳定的搅拌质量。
- › 坚固耐用，操作简便，安全性高
- › 使用寿命长，维护费用低。
- › 适用于高度现代化的生产过程，以及各种生产工艺和各种不同的搅拌料。



2 | 搅拌机外壳: 整体高度低，而且卸料门安装在外面一侧，这样可以方便地进入搅拌机内部。

3 | 驱动部分坚固耐用: 只需一个马达驱动, TPZ 1500 系列以上开始配备液力耦合器, 根据需要, 还可安装变频器来调节搅拌臂的旋转速度。

4 | 卸料门是通过由一个单独的液压站控制旋转活塞式油缸来驱动的, 手动泵可用于紧急打开, TPZ250除外 (电动的)。



卸料开口可以快速卸料, 卸料门还增加传感器或全密封防尘罩等。

TEKA Planetary Mixers are available in sizes ranging from 250 to 4500 liters filling capacity, resulting in concrete outputs from 0,17 to 3,0 m³.

TEKA Planetary Mixers offer:

- › Efficient homogenization of the batch in the shortest possible time through effective mixing system (1)
- › High output, at constant product quality even for the most diverse mix designs
- › Compact, user-friendly design with high operational safety
- › Long life expectancy, with low investment and operational costs
- › Various available options and accessories offer the ability to execute a wide range of diverse mixes suitable for modern production equipment



2 | Mixer pan: Low overall height due to externally mounted discharge gate assembly; easy access to inside of mixer.

3 | Robust and compact design of drive system: Only one drive motor means high efficiency, turbo-coupling is standard equipment from TPZ 1500. As an option, a frequency converter can be installed in order to optimally adjust the speed of the mixing tools.

4 | Separate hydraulic power unit for operating the discharge gate(s), manual pump to operate discharge gate in the event of a power failure.

Opening of discharge gate to any degree; large gate opening for short discharge times, protected installation of proximity switches.

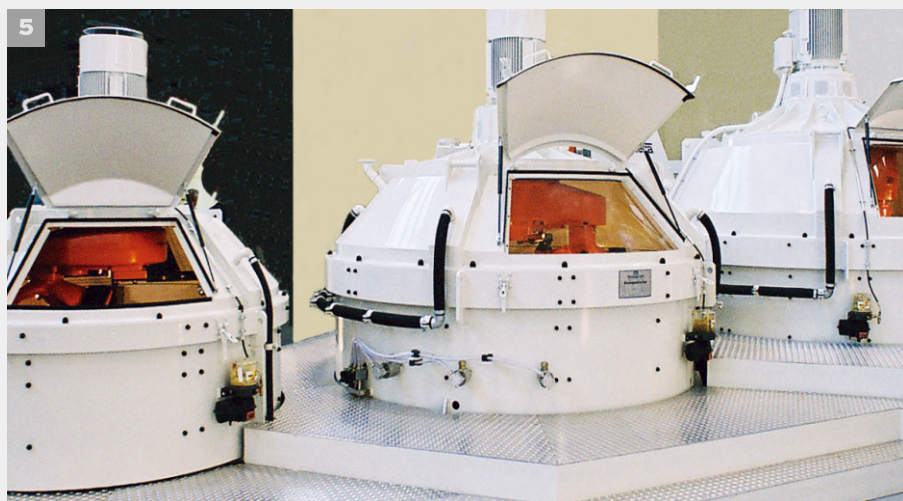
5 | 搅拌机盖子: 具有很多用于进料的位置, 进料口和扇形开启窗的位置可选择, 较大的扇形开启窗是可用于维修保养工作的 (可选择全密封式), 上面装有牢固的快速闭合装置, 扇形开启窗是通过气压弹簧和电子安全控制装置来自由打开和关闭的。

6 | 很少的维修保养费用: 减速机只需要每2500运转小时换一次油。所有的润滑点和油封处 (行星头除外) 通过一个带有电动润滑油泵的中心集中润滑系统得到及时的润滑。

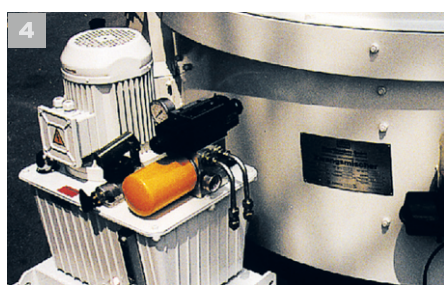
7 | 电路: 所有的信号都接在一个接线盒里。

8 | 水路: 最优化的喷头喷淋式进水系统。

9 | 根据搅拌站的设计, 可提供用于搅拌机装料的翻斗式提升料斗, 或底部开口卸料方式的提升料斗。提升料斗可以直接安装在搅拌机上, 也可以独立拆卸。安装轨道倾角在45°至90°之间。



5 | Protective cover: With ample space for material inlets; positioning of material inlets and cleaning segments can be variable, large self-opening segments for maintenance and cleaning with quick-release latches, large inspection door with protective mesh, electronic safety limit switches.



6 | Low maintenance factor: Gearbox oil changes required only every 2,500 hours; central lubrication system (except for mixing star) for all grease points; as an option, lubrication by electro motorized grease pump.

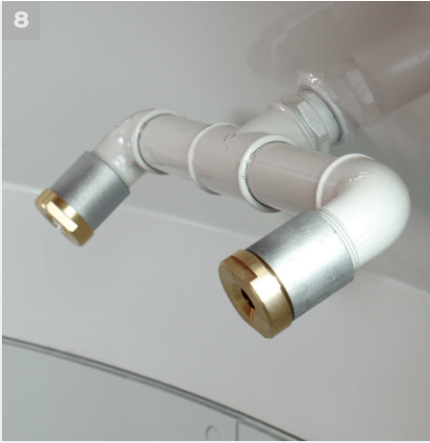
7 | Electrical installation: Completely pre-wired to an electrical junction box.

8 | Water: Optimal distribution with spray nozzles.

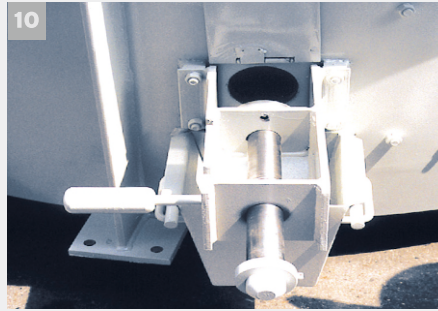
9 | Depending on the plant design, charging the mixer by means of a skip hoist is possible. Teka offers tilting skip hoists as well as the non-tilting, bottom discharge type. Standard inclination of the hoist track is 60°. Inclinations from 45° to 90° can be specified.



8



10



特殊的个性化装配:

- › 安装在搅拌槽外侧壁上的取样卸料装置(3)
- › 安装在搅拌槽底部或外壁上的湿度探测仪
- › 旋转喷头高压清洗
- › 利用搅拌机内旋转的喷管或外置的喷嘴来添加蒸汽
- › 搅拌机通风装置
- › 提升料斗可具有多种结构形式和倾斜角度

9



所有资料都适应于目前最新的技术水平。
在未来或许存在因技术的发展而产生的
变化和进步。

9



Available options:

- › Sampling gate (10), in outer wall;
- › Moisture probes, wall or floor mounted;
- › High-pressure cleaning system with rotating spray nozzles;
- › Steam-injection through pneumatically-operated stationary steam nozzles in the outer wall;
- › Mixer venting;
- › Skip hoists, available in various models and angles of inclination.

Specifications reflect the present state of technology and are subject to change with future development.

这种搅拌系统用于生产优质的混凝土制品

The mixing system for premium concrete products

高性能立轴行星式搅拌机 TPZ High-Performance Planetary Mixers	TPZ	250	375	500	500G/750K	750	1125	1500K	1500	1875	2250K	3000 F	3750	4500
搅拌机每次最大填料量 / Filling quantity mixer	立升 / litres	250	375	500	500	750	1125	1500	1500	1875	2250	3000	3750	4500
搅拌机每次最大填料量 / Filling quantity mixer	公斤 / kg	400	600	800	800	1200	1800	2400	2400	3000	3600	4800	6000	7200
搅拌机每次最大出料量 Compacted concrete output per cycle	立方米 m³	0,17	0,25	0,33	0,33	0,5	0,75	1,0	1,0	1,25	1,5	2,0	2,5	3,0
		0,17	0,25	0,33	0,33	0,5	0,75	1,0	1,0	1,25	1,5	2,0	2,5	3,0
搅拌机电机输出功率 Electric Motor-mixer output	千瓦 kW	7,5	15	15	22	30	30	37	37	45	55	75	90	110
		7,5	15	15	22	30	30	37	37	45	55	75	90	110
液压站电机输出功率 Hydraulic drive motor discharge	千瓦 kW	0,55	1,1	1,1	1,1	3	3	4	4	4	4	4	4	4
		0,55	1,1	1,1	1,1	3	3	4	4	4	4	4	4	4
搅拌机行星头数量 / Mixing star	个 / Qty	1	1	1	1	1	1	2	2	2	2	3	3	3
每个行星头上的搅拌臂数量 Mixing paddles per mixing star	个 Qty	2	3	3	3	3	3	3	3	3	3	3/2	3/2	3/2
		2	3	3	3	3	3	3	3	3	3	3/2	3/2	3/2
外侧刮板数量 / 公转搅拌叶片数量 Side scraper / Discharge scraper	个 Qty	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/2	1/2
		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/2	1/2
搅拌机公转转速 / Speed of rotor	次/分钟 / rpm	19	17	17	15	15	15	13	14	14	14	11	11	11
行星头自转转速 Speed of Mixing star	次/分钟 rpm	47	44	44	42	42	40	36	36	36	36	31	31	31
		47	44	44	42	42	40	36	36	36	36	31	31	31
标准搅拌机直径(Ø) Total diameter of mixer (Ø)	毫米 mm	1220	1712	1712	1926	2226	2226	2544	2920	2920	2920	3040	3410	3410
		1220	1712	1712	1926	2226	2226	2544	2920	2920	2920	3040	3410	3410
标准搅拌机高度(h) Total height of mixer (h)	毫米 mm	1620	2050	2100	2100	2110	2240	2600	2600	2660	2725	3100	3400	3500
		1620	2050	2100	2100	2110	2240	2600	2600	2660	2725	3100	3400	3500
标准搅拌机空重 Weight of mixer	千克 kg	1300	2500	2800	3100	3400	3700	4500	5000	5300	6500	9800	11300	11500
		1300	2500	2800	3100	3400	3700	4500	5000	5300	6500	9800	11300	11500
标准60°提升料斗 / Skip hoist 60°														
料斗最大装载量 Filling capacity of skip hoist bucket	kg	400	550	750	750	1100	1650	2200	2200	2700	3250	4300	5400	6450
		400	550	750	750	1100	1650	2200	2200	2700	3250	4300	5400	6450
提升料斗电机输出功率 Electric motor - skip hoist output	千瓦 kW	3	3	5,5	9,2	9,2	11	18,5	18,5	18,5	22	30		
		3	3	5,5	9,2	9,2	11	18,5	18,5	18,5	22	30		
提升料斗的升降速度 Speed of bucket	米/秒 m/sec	0,33	0,33	0,33	0,33	0,4	0,4	0,4	0,4	0,4	0,4	0,36		
		0,33	0,33	0,33	0,33	0,4	0,4	0,4	0,4	0,4	0,4	0,36		
提升料斗空重 / Weight of bucket	公斤 / kg	360	550	800	800	1000	1700	2100	2100	2200	3000	4000		

搅拌机的最大填料量（立升和公斤）是按照搅拌料的密度为1.6公斤/立方分米来计算的。

泰卡搅拌，无所不转。

我们为建材领域提供各种高质量高要求的建筑材料

- 可以按照具体工艺过程的要求和客户自己的生产情况做相应的调整
- 量身定做的解决方案打造出最好的搅拌机

- > 高性能立轴行星式搅拌机-TPZ
- > 高性能立轴盘式搅拌机-THZ
可以带无级变速的打散装置
- > 高性能立轴涡轮式搅拌机-THT
- > 高性能双卧轴式搅拌机-TDZ

我们还提供搅拌机之外的其他项目:

移动式或固定式的搅拌站、搅拌站的个性化设计、搅拌站的改建、搅拌站的现代化改造、高效的铲运装置

此外还提供咨询、设计、施工、安装、服务等项目
泰卡，搅拌技术，60多年来享誉全球

At TEKA everything revolves around mixing.

We offer, for the most diverse applications and the highest demands in quality concrete products and ready-mix concrete, customized solutions with the highest technical standards suited to the individual conditions with the right type of mixer from one source:

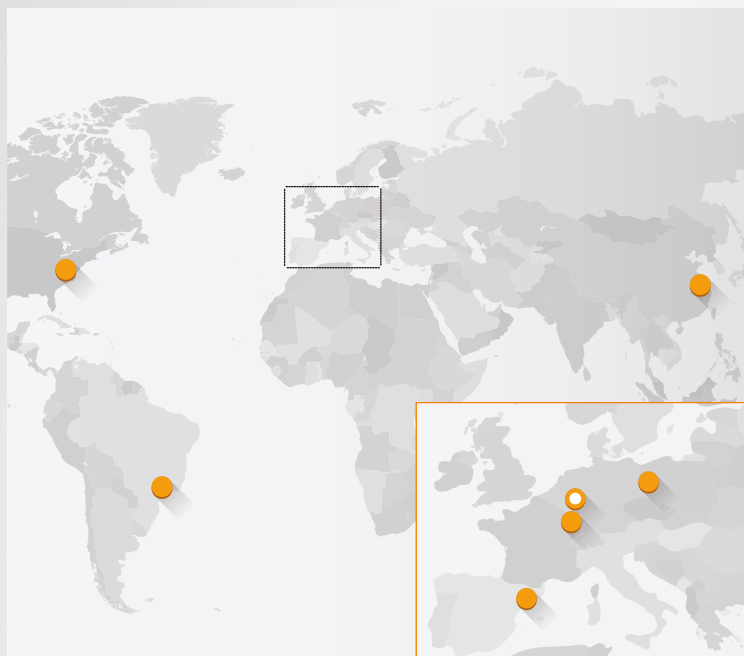
- > HIGH-PERFORMANCE PLANETARY MIXERS
- > HIGH-PERFORMANCE PAN-TYPE MIXERS
also equipped with Agitator
- > HIGH-PERFORMANCE TURBINE MIXERS
- > HIGH-PERFORMANCE TWIN-SHAFT MIXERS

As well as:

easily transportable and relocatable Batching and Mixing Plants, individually design plants, plant modernizations, plant modifications, heavy duty scrapers.

Consultation, Planning, Manufacturing, Installation, Service.
TEKA, mixing technology, proven worldwide for over 50 years.

泰卡 - 国际
TEKA-International



TEKA France s.a.r.l.
19, Ave. de la Gare
F-67160 Wissembourg | France
www.teka-france.fr

TEKA Espana S.A.,
c/. Gaudi, 34, Poligono Industrial
08120 La Llagosta - Barcelona | Espana
www.teka.de

TEKA Maszyny Budowlane SP.Z.O.O.
ul. Górczewska 137
01 - 459 Warszawa | Poland
www.tekapolska.pl

TEKA North America Inc.
4104 Holland Blvd. Suite 105
Chesapeake, Virginia 23323 | USA
www.tekamixers.com

TEKBRA do Brasil Ltda.
Rua Indochina, 88 - Jd. Fontana - Cotia
São Paulo CEP: 06713-030 | Brasil
www.tekabrasil.ind.br

TEKA Machinery (Taicang) Co., Ltd.
Lou Jiang Bei Lu 8 Hao
CN-215400 Taicang, Jiangsu | China
www.teka-maschinenbau.cn



泰卡机械 (太仓) 有限公司.
江苏省太仓市娄江北路8号
邮编 : 215400
www.teka-maschinenbau.cn
info@teka-maschinenbau.cn

Teka Machinery (Taicang) Co.,Ltd.
Loujiang Beilu 8 Hao,Taicang,
CN-215400 Taicang, Jiangsu | China
www.teka-maschinenbau.cn
info@teka-maschinenbau.cn



Teka