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STEEL SILO 钢板仓

为什么选择我们?
Why COFCO E&T



55+ years 专注谷物研磨技术
Focus On Grain Milling Technology



400+ 专业设计技术团队
Professional Engineers



138,000 m² 装备制造基地
Manufacturing Basement



2,000+ 交钥匙工程
Turnkey Projects

解决方案
Solution



设计
Project Design



装备制造
Equipment Manufacturing



施工
Installation



售后服务
Aftersales Service



装配式钢板仓 Bolted steel silo



装配式钢板仓特点：

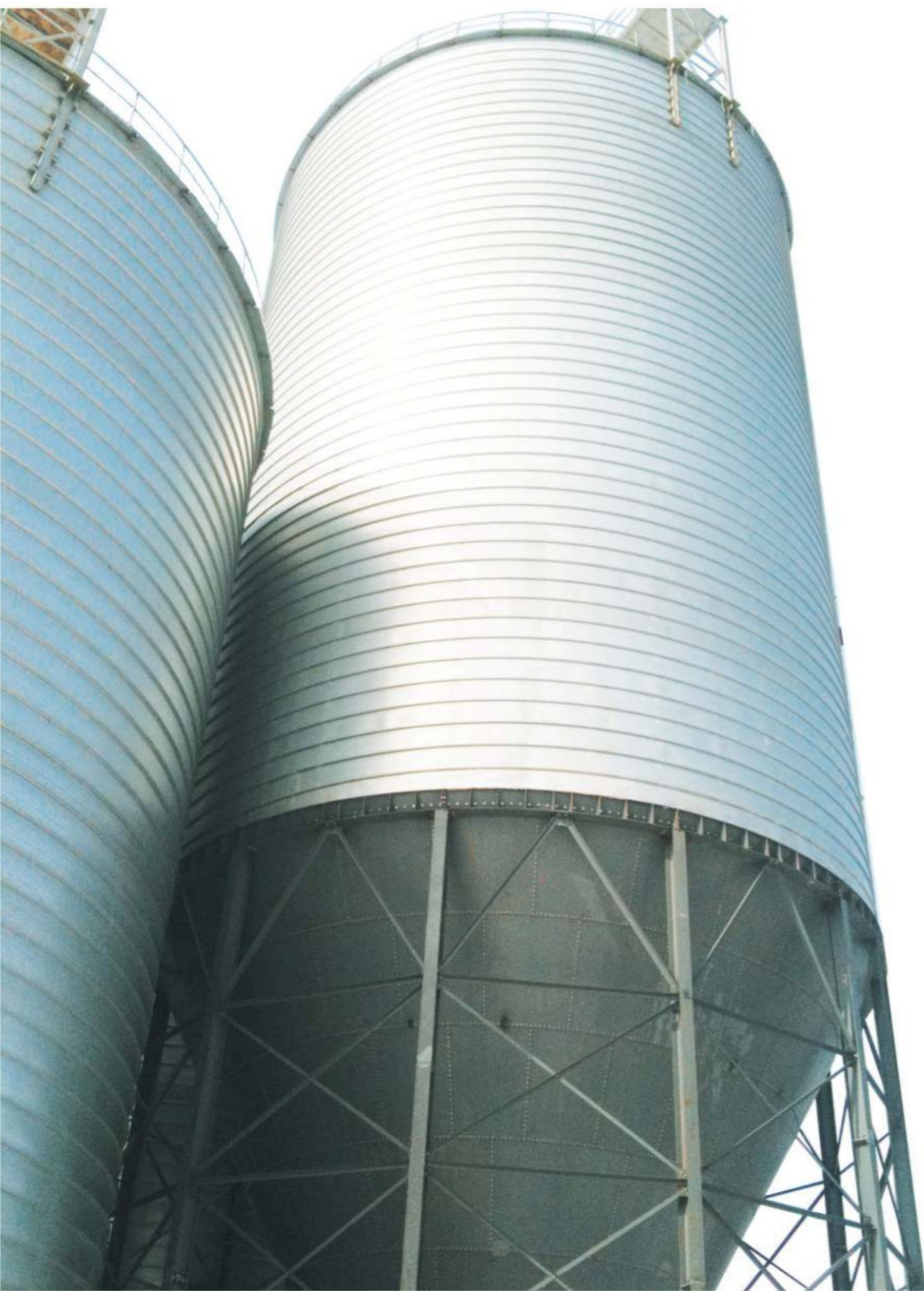
- 1.重量轻
是同等容量混凝土仓重量的1/4—1/5。
- 2.模具化生产
在工厂按照同一标准模具化生产，标准化程度高。
- 3.互换性好
仓体全部由高强度螺栓装配而成，可以实现互换功能。
- 4.容量范围大
可以制作从5t-16000t单仓容量类型钢板仓。

Bolted steel silo features:

1. Light weight
Only 1/4-1/5 weight of the concrete silo with the same capacity.
2. Mold production
Produce according to the same standard and high degree of standardization.
3. Interchangeability
All components are connected by high intensity and interchangeable bolts.
4. Large capacity range
Silos with large capacity range from 5t to 16000t can be made.

螺旋式钢板仓

Spiral Steel Silo



螺旋式钢板仓特点

整体性能好、寿命长

钢板仓在建造过程中,完全由专用设备施工,在卷制过程中,仓体外壁咬制成一条五倍于材料厚30mm-40mm宽的螺旋凸条,大大加强了仓体的承载能力,使钢板仓的整体强度、稳定性、抗震性优于其它仓。

气密性能好、用途广

钢板仓由于采用专用设备弯折、咬口,在工艺上能确保仓体任何部位的质量,所以它的密封性好,如果存储粮食可满足杀虫、熏蒸的工艺要求,还有它依照储存固体和液体的物料性质和工艺要求,在多种材料中任意选择筒体材料,这使得它可以在粮食、酿造等工业领域,城乡工业污水净化领域以及农业领域广泛应用。

Good overall performance, longevity of service

In the construction process, steel silos are constructed with special equipments. In the process of rolling, silo outerwall occlude into a spiral raised line with width 30mm-40mm which is five times the thickness of silo wall sheet. This measure can greatly strengthen the silo load capacity, and make integrated intensity, stability and earthquake resistance of steel silo superior to other type silos.

Good gas tightness, wide use

In the process, steel silos can ensure the quality of any part of silo body by the special equipments for bending and occluding. So that its leak tightness is particularly good. If used for grain storage, it can meet the desinsection and the fumigation process requirements. And according to the nature and technological requirements of solid and liquid materials storage, silowall materials are optional, which made our silos can be widely used in many industry field, such as grain, brewing, sewage purification field and agriculture field.

建造工期短、造价低

钢板仓现场施工,仓顶地面安装。成型、弯折线速度可以达到5m/分,不需要搭脚手架及其它辅助设施,因而工期极短。钢板仓全用薄钢板制成,重量只相当于同容量钢筋混凝土仓的钢筋重量,大大降低了造价。另外,由于它用双层弯折法将筒体内外两种不同的材料弯折、成型,可以较大幅度的降低用于化工、环保等行业储存腐蚀性强物料的工程造价。

占地面积小、使用方便

钢板仓高度、直径可在较大的范围内任意选择。两仓间距离最小至500mm,可充分利用空间,减小占地面积。我公司建造的钢板仓自动化程度高,再配以测温、料位等设备,用户使用起来非常方便。

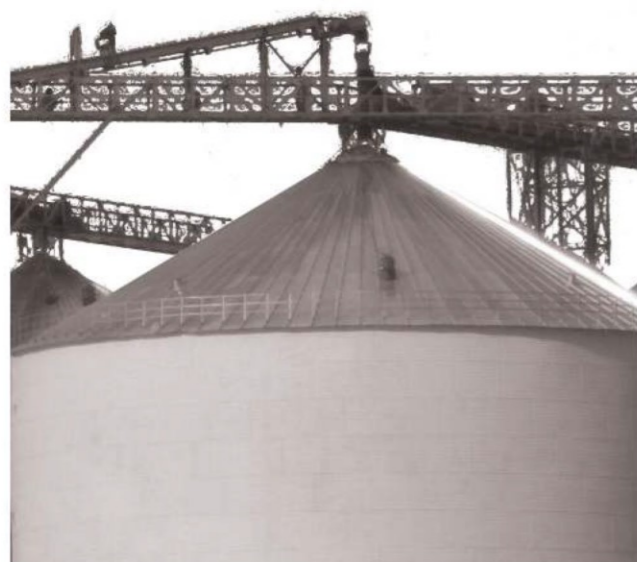
Short construction period, low cost

Silos are constructed on site, silo top is installed on the ground. Linear velocity of molding and bending is 5m/min, it is no need to take the scaffolding and other ancillary facilities, so construction period is very short. All silos are made of steel sheet, whose weight are only the equivalent weight of steel reinforcements in concrete silo with the same capacity, greatly reduced cost. And because it can bend and mold different materials both inside and outside of silowall, cost of strong corrosive materials storage project in chemical industry, environmental protection and other industries can be greatly reduced.

Small floor area, easy to use

Height and diameter of silo are optional in a large scope. Minimum distance between two silos is 500mm, user can make full use of space, reducing the floor space. Our silos have a high degree of automation, together with temperature monitoring system, level indicator, etc., it is very convenient for user to use.

保温仓 Heat-preserving Silo



保温仓特点：

- 1.建设周期短
是同等容量混凝土仓建设时间的1/3左右。
- 2.保温性能好
可以实现与混凝土仓同等的保温效果
- 3.形象美观
保温仓外表面可以采用各种颜色的彩色钢板,美观大方。

Heat-preserving Silo Features

- 1.Short construction period.
是同等容量混凝土仓建设时间的1/3左右。
- 2.Good heat-retaining properties.
可以实现与混凝土仓同等的保温效果
- 3.Fine appearance.
保温仓外表面可以采用各种颜色的彩色钢板,美观大方。



啤酒行业 Beer Industry

A 青岛啤酒有限公司
Qingdao Brewery Co.,Ltd.

B 百威啤酒有限公司
Baiwei Beer Co.,Ltd.



饲料行业 Feed Industry



A 广东凤凰饲料有限公司
 Guangdong Phoenix Feed Co.,Ltd.

C 沂水饲料有限公司
 Yishui Feed Co.,Ltd.

B 青岛九联饲料有限公司
 Qingdao Jiulian Feed Co.,Ltd.

D 沈阳禾丰饲料厂
 Shenyang Wellhope Feed Plant

油脂行业 Oil Industry

A 山东垦利万德福植物蛋白有限公司
Shandong Kenli Wandefu Plant Protein Co.,Ltd.

B 黑龙江阳霖油脂集团
Heilongjiang Yanglin Oil Group

C 黑龙江庆丰油脂集团
Heilongjiang Qingfeng Oil Group





粮食储备 Grain Silo Storage

禾丰收储
Well hope Co.,Ltd A

辽宁五峰米业
Liaoning Wufeng Rice B

国际行业 International Industry

A 缅甸MEC公司
MEC in Burma



B 俄罗斯工程
Project in Russia



C 柬埔寨稻谷仓
Project in Cambodia



其他行业 Other Industries



- | | |
|--|--|
| <p>A 河北玉峰淀粉糖业有限责任公司
Hebei Yufeng starch sugar Co.,Ltd.</p> | <p>F 禾丰牧业
Well hope Co.,Ltd</p> |
| <p>B 北京汇源饮料食品集团有限公司
Beijing Huiyuan Beverage and Food Group Co.,Ltd.</p> | <p>G 吉林吉安生化乾安酒精有限公司
Jilin Jian Biochemical Qianan Alcohol Co.,Ltd.</p> |
| <p>C 青岛啤酒有限公司
Qingdao Brewery Co.,Ltd</p> | <p>H 海拉尔农垦集团
Hailaer Agricultural Reclamation Group</p> |
| <p>D 吉林省梅河口市阜康酒精有限公司
Jilin Meihekou,Fukang Alcohol Co.,Ltd.</p> | <p>I 韩国工程
Project in South Korea</p> |
| <p>E 汇丰物流有限公司
Huifeng Logistics Co.,Ltd.</p> | <p>J 吉林德春米业有限公司
Jilin Dechun Rice Industry Co.,Ltd.</p> |

企业产品
Company products

机器人码垛生产线
Robotic Palletizer

- 1.结构简单、性能可靠、保养维修简单。
- 2.占地面积少。
有利于客户厂房中生产线的布置，并可留出较大的库房面积。
- 3.适用性强。
- 4.能耗低。通常机械式的码垛机的功率在26KW左右，而码垛机器人的功率为5KW左右。
- 5.全部控制可在控制柜屏幕上操作即可，操作非常简单。

1. Simple construction with a reliable performance and easy maintenance.
2. Small occupation area, which can save space for production line.
3. Strong adaptability.
4. Low energy consumption. The power is about 5KW, rather than the normal mechanical palletizer 26KW.
5. The operation is easy to be controlled from the control cabinet.



