



# FGD Agitator

## 搅拌机

### Technology Key & Advantages

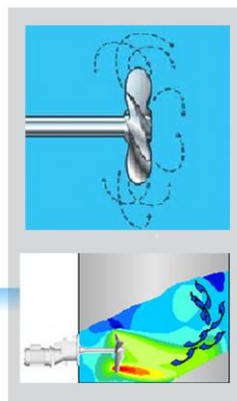


APA Agitator Shaft and Blades are made from high grade, corrosion resistant Stainless Steel.

This innovative design can be delivered with three or four blades with a specified pitch and optimized blade profile for enhanced performance and reduced energy requirements.



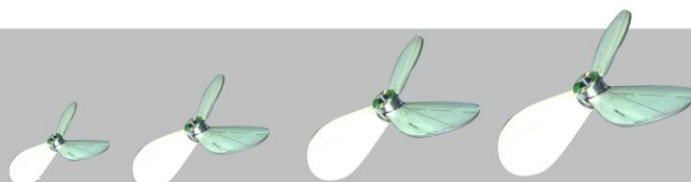
The high precision machined mechanical seals, also manufactured from high grade Stainless Steel, are specially designed for very harsh working conditions.



### 技术关键及可靠性

APA 所研发的脱硫搅拌机由镍基合金钢轴承，高强度耐腐蚀双相不锈钢叶轮，坚固耐劳的机械密封，减速机，以及自动定位马达组合而成，是最有效的耐磨抗腐蚀搅拌机。

为了弥补顶入式搅拌机难以满足大型脱硫吸收塔的要求，APA 专门研发了高效耐磨抗腐蚀侧入式搅拌机。此项设计包括 3 或 4 个不同角度，宽窄不同的流线型叶轮，以便在最低的动力消耗情况下实现最好的搅拌效果。



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The unique mechanical seal is the most critical component of agitator design in FGD applications. In order to minimise the damage of the seal, we introduced enclosure and shut-off mechanism with our design, in the mean time, making sure the seal to be externally mounted. Therefore, none of the components would be in contact with the slurry to reduce the aging and corrosion of equipment.



机械密封装置是搅拌机脱硫应用设计中最关键的一部分，所以我们在侧入式搅拌机上配制了高精密度的耐腐蚀机械密封。为了便于维修和保养，我们为搅拌机设计了相应的维修和保养功能，同时，在搅拌机整体设计上，我们通过系统优化使其外部安装，从而避免金属构件与浆液的接触，从而降低机械部件的老化及腐蚀程度。