



**TD PUMPS**

## TDT Desulphurization FGD Pumps

### **TDT desulphurization pumps** are

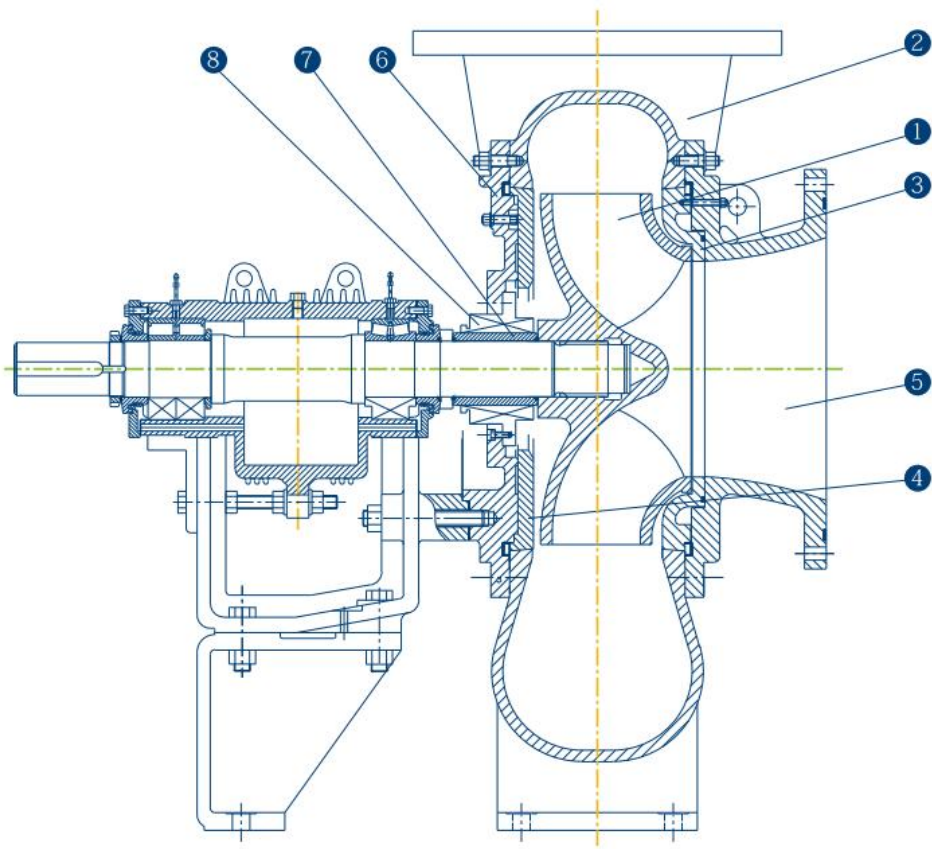
horizontal centrifugal pumps, developed and researched by our company for desulphurization purification plant of coal-fired device in the thermal power plant, and mainly as absorber recirculation pumps of the wet FGD device to transport the limestone and gypsum slurry. Using the features of domestic and foreign similar products, the product has the advantages of broad flow range, safe and reliable operation, easy to maintain, efficient and energy saving, long service life, etc.

### **MAIN FEATURES**

- Reasonable structure, good entire performance, steady operation and high efficiency.
- The wet part is made of material A49 or dual-phase steel, with good abrasion resistance and corrosion resistance performance and long service life.
- The pump is connected with the motor or reducer by the diaphragm coupling, with good dynamic balance, strong resistance to shock, large transmission torque, steady pump running and safety and reliability.
- The pump structure is rear dismountable, simple and easy to maintain. No need to disassemble the suction and rising pipes. The unique stainless split type impeller disassembly ring can easily realize the impeller disassembly.
- The rotor part is equipped with the axial regulating structure to make the pump machine in the efficiency operating state always.



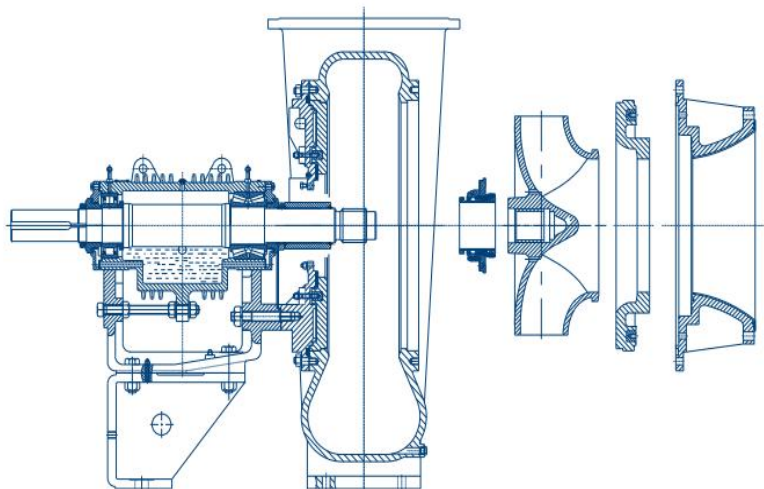
STRUCTURE



No.	Name	Material	No.	Name	Material
1	Impeller	A49/Cr30	5	Suction Cover	QT500
2	Pump Body	A49/Cr30	6	Join Bar	QT500
3	Front Guard	A49/Cr30	7	Shaft Sleeve	0Cr18Ni12Mo2Ti
4	Back Guard	A49/Cr30	8	Machine Seal	316L+Sic

## Front dismountable type

前拆式

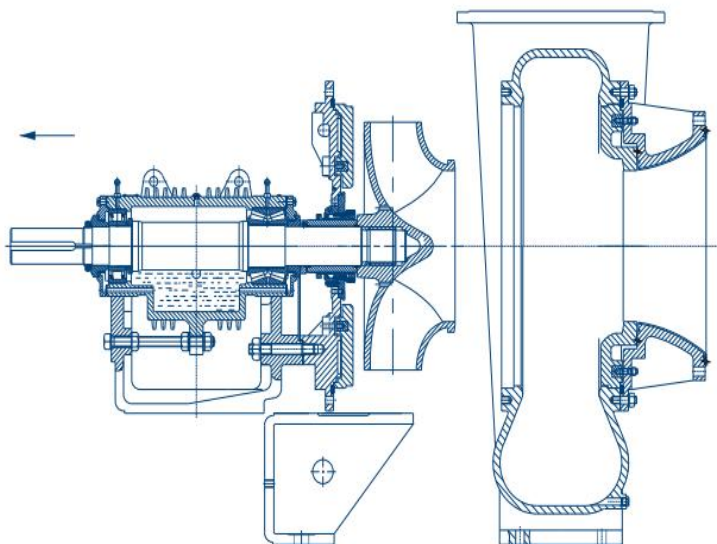


After dismounting suction cover, the front fender, impeller and mechanical seal and other parts can be dismounted without moving pump body.

拆下吸入盖后，不用移动泵体可将前护板、叶轮、机械密封等件拆下。

## Rear dismountable type

后拆式

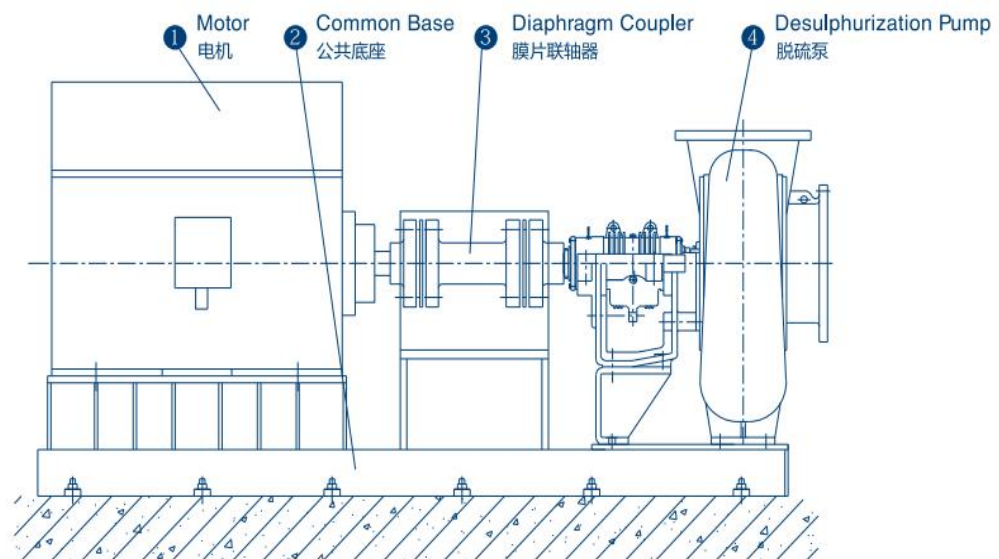


After dismounting lengthened coupler, the rotor can be wholly extracted without moving pump body and support.

拆下加长联轴器后，不用动泵体和支撑，可将转子整体抽出。

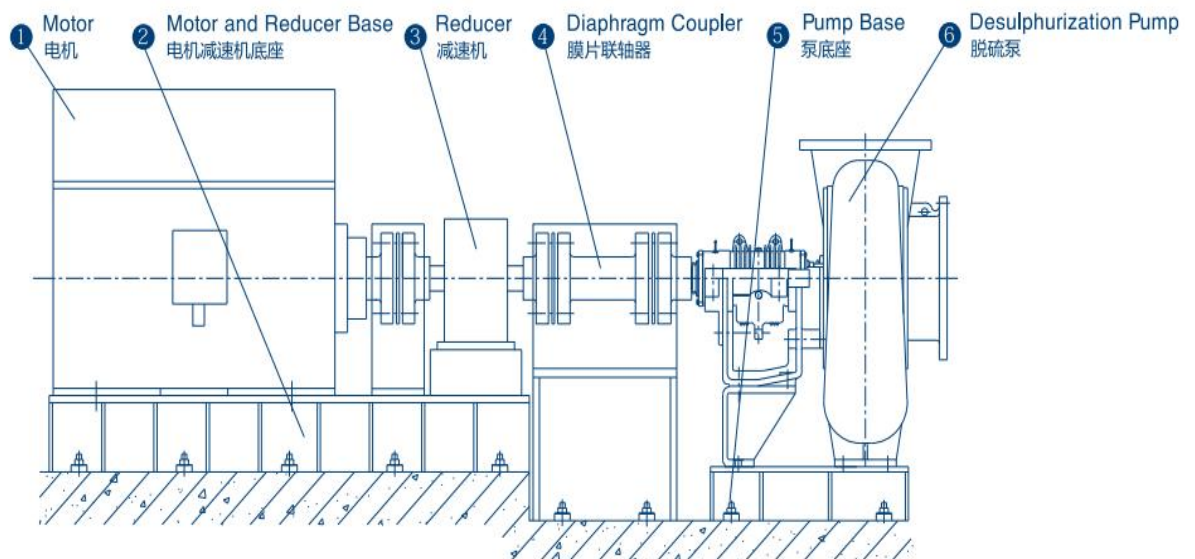
## Installation method of common base of pump + motor

泵+电机公共底座安装方式



## Installation method of fission base of pump + motor + reducer

泵+电机+减速机分体底座安装方式



**Note:** In case of other transmission modes, our company can implement special design according to the user requirement

注：如需其它传动方式，我公司可根据用户要求特殊设计

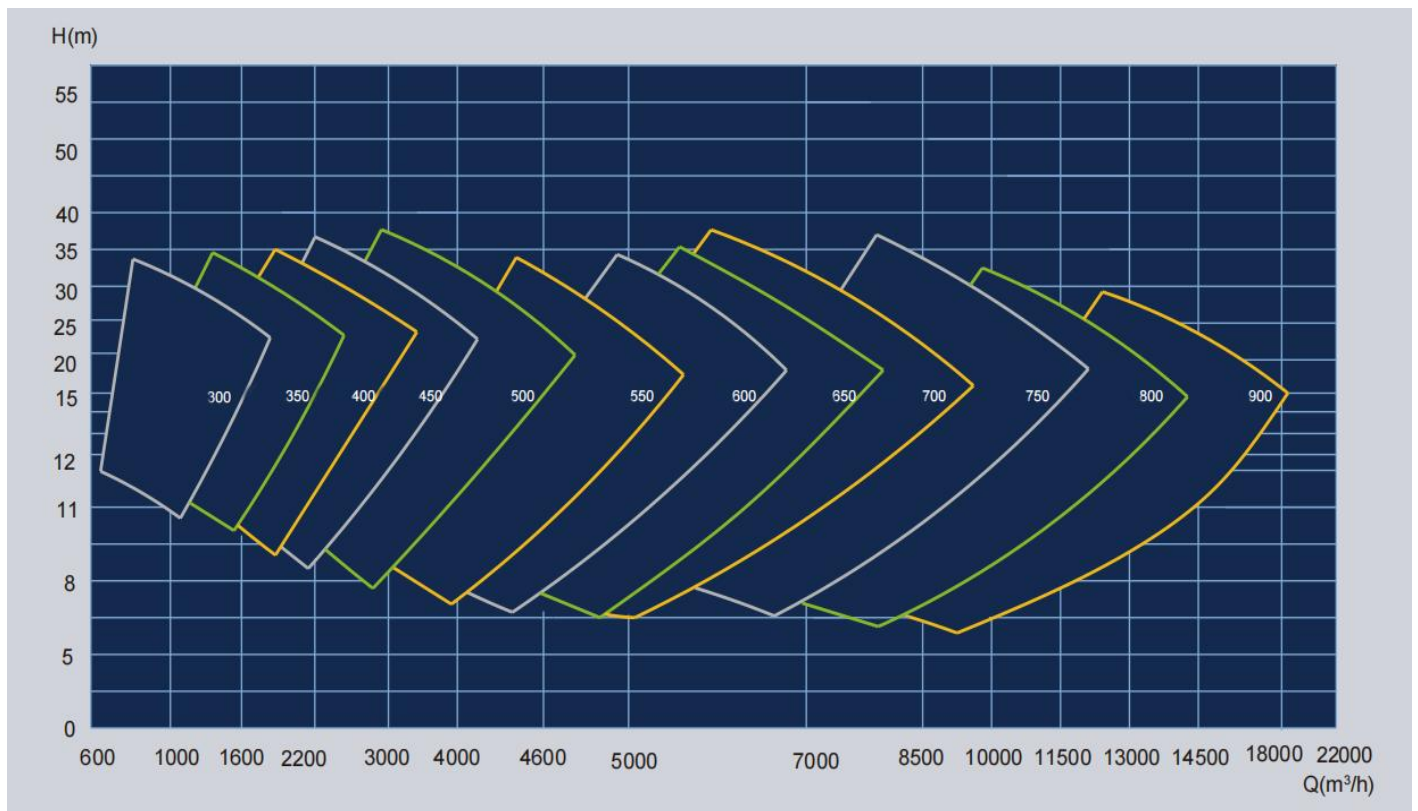
## PERFORMANCE

Flow: 8-17500m<sup>3</sup>/h

Head: 6-40m

Power: 4-1800kw

Inlet diameter:25-900mm



### HEBEI TONGDA PUMP CO.,LTD

**Our quality and high-efficiency products as well as our understanding of customer requirements have made us a preferred partner for pumping solutions worldwide.**

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