

## 螺杆泵

## Progressive Cavity Pump

### 参数范围

#### Parameter Range

输送能力: 30L/h–150 m<sup>3</sup>/h

Transfer capacity : 30L/h –150 m<sup>3</sup>/h

排出压力: 0–4.8 Mpa （根据需要可满足更高压力要求）

Discharge pressure:0–4.8Mpa , （ It can meet the higher pressure according to requirement ）

### 应用领域

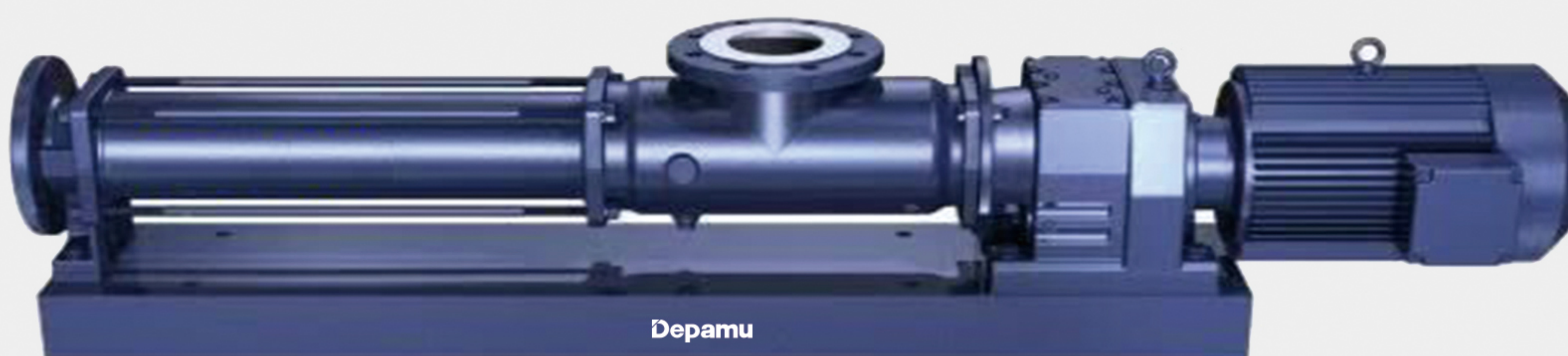
#### Applications

广泛适用于食品、饮料、酿酒、造纸、电力、化工、石油、冶金、建筑以及环境工程等众多领域；

Widely apply to the following fields: foodstuff, beverage, wine-making, paper and pulp, power plants, chemical, petrochemical industries, mining, building industries and environmental engineering.

在石油工业中，主要用来输送原油、稠油、各种催化剂、聚合物（油田注聚）、油泥、含油污水、公用工程等工况；

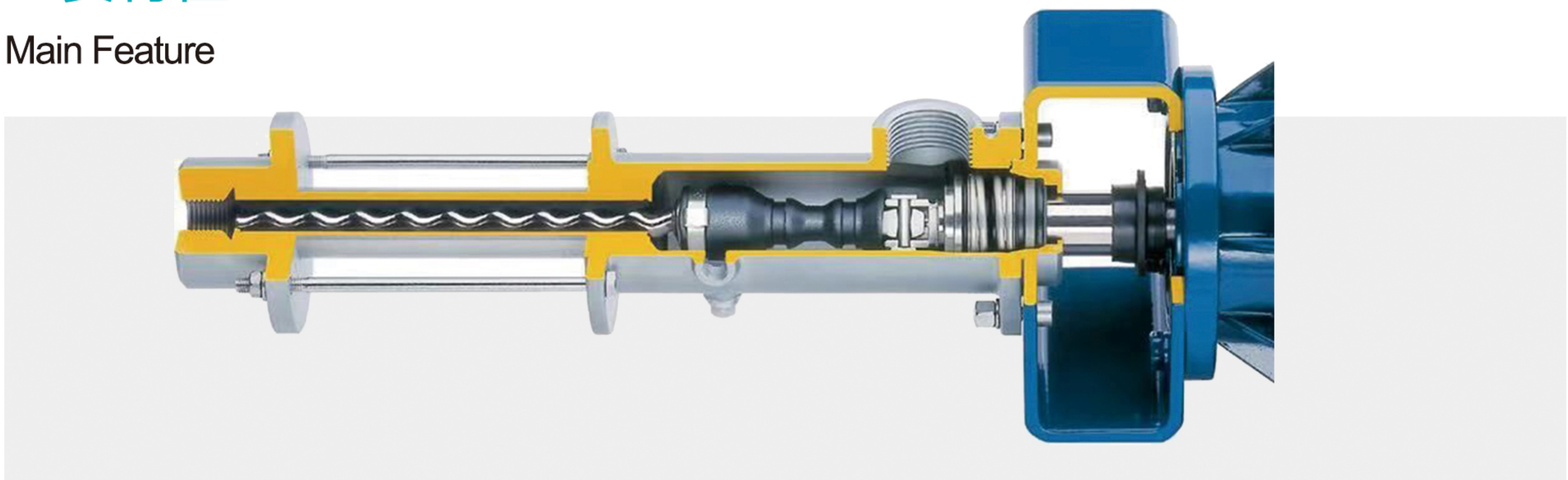
In petrochemical industries, they are usually applied to deliver crude oil, thick oil, all kinds of catalyst, polymer (polymer injection in oilfield) , oil sludge, oily sewage water and public works.





## ► 主要特征

### Main Feature



按照API676标准

API 676 Standard

- ◆可实现液、气、固体的多相混输；

Faultless multi-phase delivery of liquid, gas and solid;

- ◆具有自吸能力: 吸程可达8m;

Self suction: Suction is up to 8 meters;

- ◆泵内流体流动时容积不发生变化, 没有湍流、搅动和脉动;

Volume of moving fluid is constant, no torrent, stir and pulse;

- ◆弹性定子形成的容积腔能有效地降低输送含固体颗粒介质时的磨损;

High wear resistance when deliver the high solid content through the elastic stator chamber.

- ◆可输送高粘度、高含固率介质; 输送介质粘度可达100000CP, 含固量可达60%;

It can deliver the fluid with high viscosity and high solid content: the max viscosity is up to 100000CP, the solid content is up to 60%;

- ◆流量和转速成正比, 借助调速器可实现流量的自动调节;

The flow is directly proportional to the speed of rotation, the flow can be automatically adjusted by speed regulator;

- ◆恒压控制, 防干运行保护;

Constant pressure control and dry running protection.

- ◆无阀系统——泵本身具有止回阀的作用;

Valveless system - pump has non-return valve function;

- ◆可以反转;

Reversible;

- ◆可灵活应用于各个行业;

Versatile use in all industries;

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