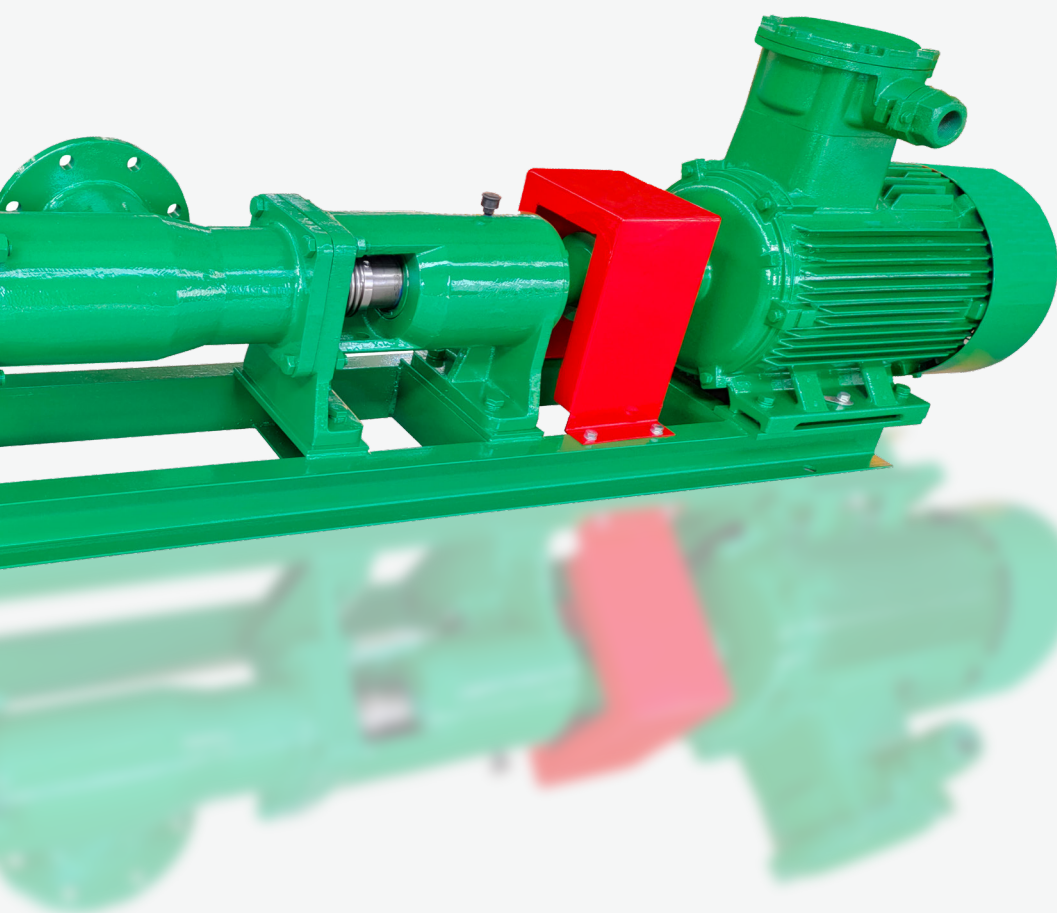


SCREW PUMP



»»» Xi'an, China

energy  Q1
Registered
Manufacturer

HORIZONTAL DIRECTIONAL DRILLING FLUIDS

Introduction

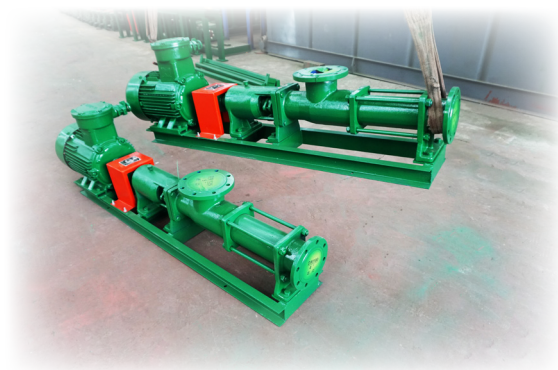
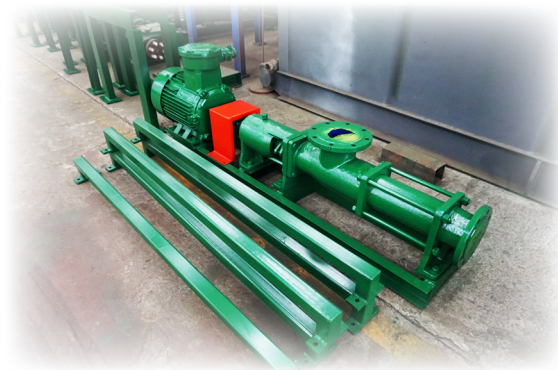
Screw pumps are positive - displacement pumps that operate based on the principle of meshing screws. They are widely used in various industrial applications, especially in the oil and gas, chemical, and food industries.

In the context of drilling, screw pumps play a crucial role in fluid transfer and circulation systems.



Features of TRG Series Screw Pump

- High suction lift with low noise operation; leak-free performance and zero temperature rise during transfer.
- Minimal components, compact design, and tool-free maintenance.
- Quick-replace rotor and stator wear parts.
Universal compatibility: Transfers all pumpable media.
- Stable flow rate and pressure – pulsation-free operation.
Stainless steel pump shaft construction.
- Wide speed range with adjustable flow/pressure control.
Extended service life and reliable performance.



APPLICATION

| Drilling Mud Circulation

- In drilling operations, the screw pump is responsible for circulating the drilling mud.
- The mud cools and lubricates the drill bit, carries the cuttings away from the wellbore, and helps maintain the stability of the wellbore.
- The TRG70A - 220's high capacity and reliable performance ensure a continuous and adequate supply of drilling mud to the drill bit, enhancing the efficiency and safety of the drilling process.

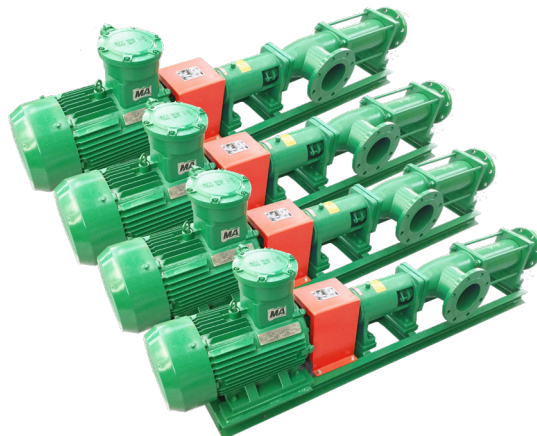
| Well Cementing

- During well cementing operations, screw pumps are used to pump the cement slurry into the wellbore.
- The precise and continuous flow provided by the screw pump is crucial for ensuring that the cement is evenly distributed and properly set, which is essential for the integrity of the well.
- The TRG70A - 220's stable performance makes it a suitable choice for such critical applications.

| Mud Recycling Systems

- In modern drilling, mud recycling systems are becoming increasingly important to reduce environmental impact and costs.
- Screw pumps like the TRG70A - 220 are used to transfer the used drilling mud from the wellsite to the recycling equipment. They can handle the complex mixture of mud, cuttings, and additives, and ensure that the mud is properly processed and reused.

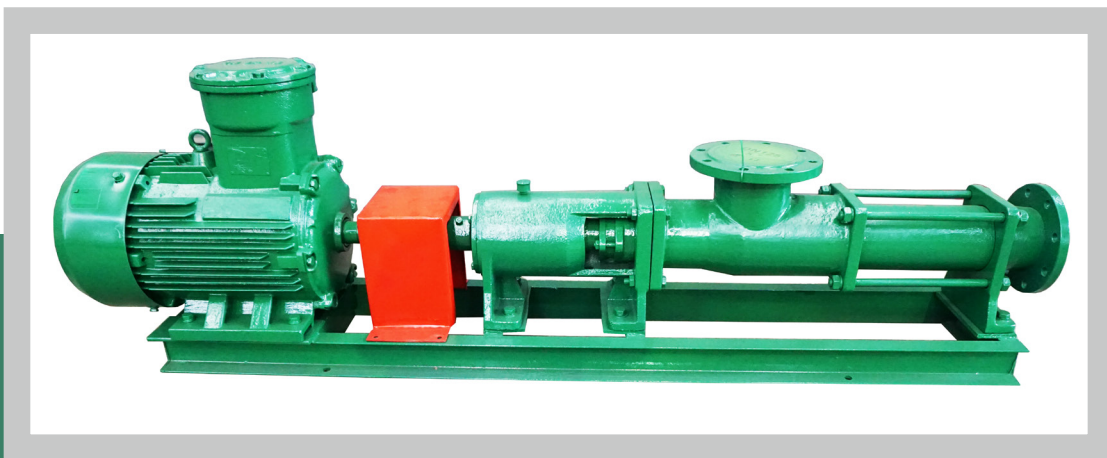
**TR SOLIDS CONTROL IS
THE DESIGNED, SELLING,
PRODUCTION, SERVICE AND
DELIVERY OF CHINESE
BASED MANUFACTURER.**



SCREW PUMP



Competitive Advantages



1. We offer high quality products at competitive price.
2. Shortest delivery time.
3. Flexible payment terms.
4. Timely after-sale service.
5. Most of our equipment can be replaceable with international brands.
6. Our products have been exported to Argentina, Egypt, US, Australia, Romania, Pakistan, Dubai, Abu Dhabi, Iran, India, Indonesia, Vietnam, Malaysia and many other countries.

TENICAL DATA OF TRG SERIES SCRWE PUMP

Model	Flow Rate	Pressure	Power	Inlet (Inch)	Outlet (Inch)	Ex Standard	Weight	Dimension
TRG10A-040	10m³/h	0.3Mpa	4kw	3	3	ExdIIBt4/IECEX/A-TEX	245	2245×320×550mm
TRG20A-055	20m³/h		5.5kw	3	3		323	2450×340×562mm
TRG30A-075	30m³/h		7.5kw	4	4		386	2761×370×600mm
TRG40A-110	40m³/h		11kw	5	5		454	3270×370×665mm
TRG50A-110	50m³/h		11kw	5	5		608	3790×400×782mm
TRG60A-150	60m³/h		15kw	5	5		649	3322×550×740mm
TRG70A-220	70m³/h		22kw	6	6		875	3740×420×785mm
TRG80A-220	80m³/h		22kw	6	6		875	3740×420×785mm
TRG90A-220	90m³/h		22kw	6	6		875	3740×420×785mm

TR solids control is the designed, selling, production, service and delivery of Chinese based manufacturer.

We will provide the high quality screw pump and best service.

Your best screw pump start from TR solids control.



Xi'an Tianrui Petroleum Machinery Equipment Co., Ltd.,
established in 2010, is a modern manufacturer of solids
control equipment certified to both API Q1 and ISO 9001
standards.

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