



Professional Polyurethane and Polyurea Solutions

Shandong Reanin Machinery Co., Ltd is one of the leading manufacturers of polyurethane and polyurea equipment in China. It has a modern production plant of over 2,000 square meters and an excellent team of engineers. Our products has been exported to more than 30 countries and regions, serves more than one thousand customers around the world.

Shandong Reanin Machinery Co., Ltd has four carefully designed products for different customers. K2000 and K3000 are pneumatic spray machines, for spraying polyurethane. K6000 and K7000 are hydraulic driven machines for spraying polyurethane and polyurea both.

Shandong Reanin Machinery Co.,Ltd not only provides polyurethane and polyurea spray equipment, but also provide related products, such as polyurethane materials, polyurea materials, generator sets and air compressors, etc.

We provide customers with professional polyurethane and polyurea industry solutions. Welcome to contact us !



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K3000 Polyurethane Spray & Injection Machine

Professional, cost-effective equipment



Description

K3000 is a professional, cost-effective polyurethane spray and injection machine. It is equipped with a specially designed horizontal booster pump, which not only has small fluctuations in working pressure, but also has less wearing parts and is easy to maintain.

Application

Construction, Automobile, Road, Railway, Shipbuilding, Mining, Petroleum, Electrical, and other industries.

Advantages

- This machine has passed the CE Certificate,
- Panel with operation tips is easy to set up,
- Fully pneumatic design, it can work normally without electricity (the ambient temperature is around 30 degrees),
- The horizontal booster pump adopts a coaxial mechanism and has the function of two-way supercharging. The working pressure fluctuation value is small, and the replacement of the wearing parts is simple,
- The high-speed circulating lubricating fluid in the anti-curing lubrication cylinder can quickly take away the leakage of materials, and the ISO pump shaft is always immersed in the lubricating fluid to avoid crystallization,
- A/B/Hose independent temperature control, can set different temperatures separately, adapt to the temperature requirements of different materials,
- Variable frequency temperature control mode and special real-time temperature collection sensor ensure that the material temperature is controlled within a small fluctuation range,
- The integrated heated hose is covered with wear-resistant insulating sleeve, which not only can effectively keep the temperature of the material, but also can prevent the occurrence of leakage, short circuit, etc.
- The transfer pumps, mainframe and spray gun are equipped with filtering devices, which can effectively filter impurities and crystals in the materials and reduce the occurrence of the blocking gun,
- High-precision pressure gauges are available in MPa and PSI to meet the needs of different customers,
- Equipped with an action counter to accurately calculate the amount of raw materials,
- The spray gun is made of alloy material, light weight, less wearing parts, easy to use and maintain.

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Technical Parameters

- Model: K3000 Polyurethane Spray Machine
- Applicable materials: Polyurethane
- The ratio of raw material: 1:1
- Viscosity range of raw materials: 200-1000CPS (under working temperature)
- Max working pressure: 20MPa
- Max fluid temperature: 80°C
- Max output: 11kg/min
- Max heated hose length (Optional): 90m
- Heater peak power: 4500Wx2
- Heated hose max power: 3000W
- Drive mode: Full pneumatic
- Clean mode: Self-cleaning by air
- Voltage (Optional): 2 wires Single phase 220V 50Hz or 4 wires Three phase 380V 50Hz
- Whole power: 13kw
- Pneumatic source: 0.6-0.9Mpa 1m³/min

Standard Configuration

- | | |
|-----------------------------|--------------------------------------|
| • K3000 mainframe 1 set | • Spray gun 1 set |
| • Transfer pump 2 sets | • Heated hose 15m |
| • Transfer pump hose 2 pcs | • Whip hose 2 pcs |
| • Air pipe 1 set | • Tools and spare parts 1 set |
| • English user manual 1 set | • Protective clothing and mask 1 set |

Transportation Parameters (Based on standard configuration):

- Model: K3000 Polyurethane Spray Machine
- Package size (LXWXH): 110X80X145cm
- Net weight: 183kg
- Gross weight: 220kg