



Applications

- u The vehicle is specially designed for severe conditions and used to transport powder-granular bulk materials.
- u Transport media: lime powder, fluorspar powder, iron ore powder, scale, coke breeze, cement, sands, chemical particles, sugar, grains, etc.
- u Domains: metallurgical, chemical, cement, food, pharmaceutical industry, etc.

Features

- u The vehicle adopts the centralized operation which is easy to handle.
- u The entire vehicle is of compact structure. In front of the vessel is the tipping equipment using the telescopic ram. The operating pressure is up to 180 bar. The design is very convenient for discharge and maintenance.
- u The reinforced vessel is made of special hard aluminum alloy, resulting in the light weight and the higher payload which is up to 17 tons (Type KIA 16S+D).
- u The aluminum vessel has the features of high bearing strength, good sealing performance, negative pressure resistance, good abrasion & corrosion resistance. The smooth inner wall makes it easy to clean.
- u The chassis is from world famous German brand MAN or Benz. It can be manufactured in China with the quality completely conforming to German DIN Standards as well.
- u The suction & discharge speed is much faster than the competitors.
- u The height of emission reaches up to 35 meters (vertical) or 43 meters with the auxiliary pneumatic power.
- u The connecting pipes for suction and discharge are all quick-release coupling, which are easy to connect and disconnect.
- u The advanced German technology is adopted to control pollutants from the engine (in accordance with Euro 3 emission standard).
- u The vehicle is manufactured conforming to the German standards as well as the China Compulsory Certification (CCC).
- u The entire vehicle is able to drive on the urban roads at the top speed up to 85 km/h.

Configurations

- u The integral or separate vehicle model can be determined according to the specific requirements.
- u The chassis whose rigidity is far superior to the similar products in domestic and overseas comes from the famous German manufacturers.
- u The engine possesses high horsepower, large torque, great grade ability and short turning radius.
- u The engine and the compressor are both equipped with the silencers, which guarantees the work noise lower than the relevant national standard.
- u The brake uses non-asbestos friction lining, complying with the environmental requirements.
- u The vacuum screw compressor integrating the vacuum pump with the air compressor, possessing both the functions of suction and pressure, comes from the German well-known brand.



- u The suction and pressing speed is far superior to the likewise products.
- u The vehicle is equipped with the weighing device having three load points to insure its high accuracy and small error.
- u The vehicle is equipped with the actual weight monitoring, overload alarm and the excessive pressure protection devices to ensure the safe and reliable operation.
- u The filtration system uses the dry air filter with dirty display. The cyclone filter is provided with the auto-backwash of the filter cartridge.
- u The filter cartridge has long serving life. The dusts automatically return to the tank so that there is no environment pollution.
- u The vehicle chamber has a large and fully functional workspace which is comfortable to drive and suitable for long distance transport.
- u The vehicle is equipped with the hydraulic safety supporting legs to ensure the secure discharging and easy maintenance.
- u The vehicle is equipped with the easy-operating foldable ladder and security barrier so that the personnel safety can be ensured during maintenance.

Technical Specifications

Dimension (vehicle): Length: 8850 mm / Width: 3422 mm / Height: 3112 mm

Dimension (vessel): Length: 5614 mm / Diameter: 2000 mm / Volume: 16,000 m³

Weight: Total weight: c.a. 26 tons / Tare weight: c.a. 12,3 tons / Max. payload: c.a. 13,7 tons

Operating parameters: Operating temperature: -40 °C / +120 °C / Operating pressure: -0,6 bar / +2,0 bar / Testing pressure: 3 bar

Chamber: Seats: 2 (incl. driver)

Equipment: CD/radio, radio communicator, air conditioner, indicator of actual weight