

4×4 Intelligent Data Van

Product advantages

- **Strong power and better passing performance**

Being powered by a 310 horsepower high-power engine makes the power stronger;
Beiben 4×4 State VI Off-road chassis, with better passing performance.

- **Construction and full equipment management**

The expert system provides the best construction method by comparing, analyzing and managing the actual construction method with the theoretical construction method;
The front-end fluid and sand feeding equipment for fracturing construction is integrated into the equipment management system of data van such as the mixing equipment, centralized control of manifold and etc.

- **Digital twin technology**

The construction site data is projected into the data van. Real-time monitoring can be carried out in the data van with hand-held device based on large data analysis and wireless technology.

- **Expert diagnosis system for automatic fault diagnosis**

Combining the monitoring system of data van, monitoring system of blender truck and expert system grants the field equipment the ability of fault self-diagnosis.

- **Safety warning and voice prompt**

Safety warning and voice prompt are given for dangerous factors such as high temperature, abnormal vibration, manifold leakage and personnel entry into high pressure area by using image recognition and dynamic capture technology.





Product performance parameters

| Product type | Values |
|--|---|
| L × W × H (mm) | 9345×2550×3920 |
| Engine (Weichai) | WP9H310E62 |
| Generator | 16 kVA, placed at side. |
| UPS□KVA□ | 3 |
| Data acquisition system (SANY) | 2 Sets |
| Pump vehicle control system (SANY) | 2 sets for control of 24 fracturing trucks |
| Blender monitoring system (SANY) | One set for control of 2 sets of blender trucks |
| Camera monitoring and diagnosis system | One set for control of 16 lines |

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