

Nitrogen generation equipment



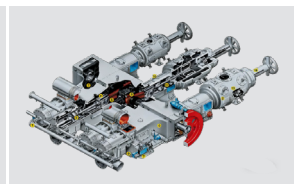
Modular design for easy relocation

- The nitrogen generator skid and compressor skid feature a split-design configuration, reducing the weight and volume of each individual skid unit to facilitate transportation and relocation.



Core components, outstanding performance

- Core components utilise established imported brands within the industry, such as COOPER or AREIL compressors and Evonik membrane modules, ensuring the safe operation of the equipment.



Intelligent control, adjustable purity

- The unit employs proportional-integral control for automatic regulation, enabling the system to perform real-time self-diagnostics. Nitrogen purity is continuously and automatically adjusted within the range of 90% to 98%.



Pipe welding, quality assured

- Pipe joints are pre-machined using a beveling machine prior to welding. Welding is performed using a fully argon arc welding process, with all critical welds subjected to non-destructive testing to ensure safety and prevent leakage.



Parameter Sheet

Model	MZD1500-35	MZD1200-35	MZD900-35
Nitrogen Flow Rate (Nm ³ /h)	1500	1200	900
Nitrogen Purity	98%	95%	98%
Rated Working Pressure (MPa/psi)	35/5000	35/5000	2.5/350
Operating Ambient Temperature (°C)	-10~55°C		
Drive Mode	Diesel Engine / Electric Motor		
Mounting Configuration	Vehicle-Mounted / Trailer-Mounted / Skid-Mounted		

Project Cases

