AIFILTECH · High-Temperature Flue Gas Purification

Wheel Loader Black Smoke Purifier for CO & NOx Removal

Diesel Exhaust Purification Series

Overview

The smoke is thickest in the few minutes a loader spends at full throttle filling a truck. This unit is sized for that short, heavily loaded cycle; the metal element takes repeated thermal shock and is cleaned by washing. TN-3 to TN-12 cover small and mid-size loaders, flanged to the original pipe.

Key Advantages

- Purification rate **90%**
- Gas processing volume **3200m³/h**
- Filter life **Washable metal cores**
- Regeneration **1-minute water wash**
- Customisation **Built to engine model**

Technical Data

Product characteristics	Wheel loader
Processing and customization	Yes
Brand	AIFILTECH
Model	TP
Purification rate	90%
Specifications	Complete

Applications

Diesel generator sets · Construction machinery · Forklifts · Marine auxiliary engines · Mining equipment · Engine test benches · Emergency power trucks · Tunnel construction

Commercial Terms

Reference Price	Supply Capacity	Lead Time
32000.00 ~ 40000.00 yuan/set	**200 units**	**20 days**

All data above are obtained under specific test conditions; the actual solution must be engineered to site conditions. Values listed here refer to standard models — AIFILTECH provides custom design and sizing based on actual gas volume, temperature, dust characteristics and emission