

6000L Synchronous Chip Sealer Truck

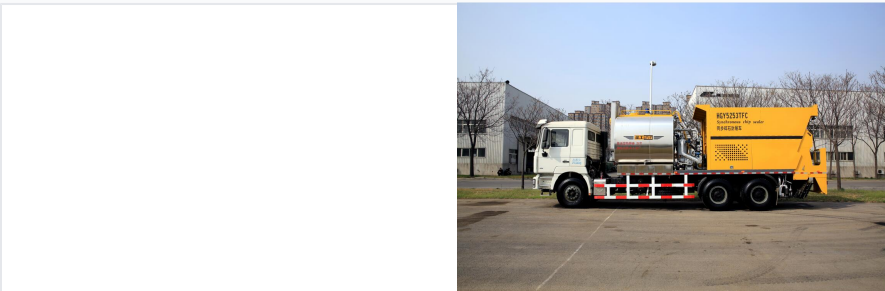
This truck uses power from an auxiliary engine for stable performance. It employs a rotary paddle switch and CCD camera to monitor aggregate levels, while a gravity slopping hopper allows operation in height-restricted areas.



ADDITIONAL IMAGES



Overview



The HGY5253TFC features a 6000L tank and synchronized spreading system for uniform road surfacing.

High-Efficiency Synchronous Chip Sealing

The HGY5253TFC is a high-performance synchronous chip sealer designed for professional road maintenance and construction. It features a 6000L asphalt tank and a 10m³ aggregate hopper, allowing for simultaneous and precise application of binder and chips to create durable, skid-resistant surfaces. Equipped with advanced PLC controls and infrared monitoring, this truck ensures exceptional evenness and operational efficiency even in height-restricted areas like bridges and culverts.

Key Performance Metrics

Performance Highlights

6000 L

Asphalt Tank Capacity

10 m³

Hopper Volume

3800 mm

Maximum Spray Width

25000 kg

Gross Vehicle Weight

Material Capacities

Asphalt Tank Volume	6000 L
Aggregate Hopper Volume	10 m ³

Application Specifications

Spray Width	3800 mm
Asphalt Spray Rate	0.2 - 3.0 kg/m ²
Aggregate Spray Rate	2 - 22 L/m ²
Spray Precision	1 %
Compatible Aggregate Size	3 - 30 mm

Technical Systems

Control Infrastructure

- Stable PLC electric system control
- CCD camera aggregate level monitoring
- Rear high-definition infrared cameras
- Radar speed measurement system
- Rotary paddle low-level alarm

Compatible Spray Media	Hot Asphalt, Modified Asphalt, Cutback Asphalt, Emulsified Asphalt, Asphalt Rubber
Heating System	Auto temperature control heat oil

Operational Features

Operational Advantages

- Gravity slopping hopper for height-limit conditions (bridges/culverts)
- Camber chip distributing device for improved evenness
- Auxiliary engine power source for environmental performance
- Synchronous application of binder and aggregate

Vehicle Components

System Components	Chassis, Asphalt Spray System, Chip Spreading System, Air Circuit System, Water Circuit System, Power Supply System, Mixing System
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