

TRACKED DUMPERS

Dump truck

Model BL-500

Technical Specifications & Product Selection

**Yellow and black color scheme**

Standard color

Koop 173 Euro V Diesel Engine

Configuration upgrade

Product code: EDT026HY001

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Payload, body volume and terrain fit

Rated payload, body volume, machine mass, dimensions, power and tipping geometry describe different quantities. Match the exact tracked dumper to the material and route; mass, payload and volume are not interchangeable.

Start with the complete specifications on page 3. Review the actual configuration and supported options, then compare the product with the intended application.



CORE PRODUCT DATA

Technical specifications

Dump truck / Model BL-500

Specification	Product data
Model	BL-500
Standard color	Yellow and black color scheme
Feature Overview	High-mobility tracked chassis adapts to complex terrains. Features a self-loading bucket - no auxiliary equipment required. Equipped with a hydraulic self-unloading system for integrated efficient operation from loading to dumping - saving labor and cost, improving efficiency.
Standard product configuration	Briggs & Stratton Vanguard 6.5HP gasoline engine + electronic control switch system + driveline assembly Hydraulic pump + control valve + control console Hydraulic hopper + removable hopper guard + hydraulic shovel Folding step + rubber track chassis
Configuration upgrade	Koop 173 Euro V Diesel Engine
Applications	Agricultural and forestry scenarios It is suitable for orchards, tea gardens, forests, and livestock farms, addressing issues such as wheeled vehicles getting stuck in muddy slopes during the rainy season and damaging vegetation, large vehicles being unable to navigate narrow roads, and low efficiency in manual handling.; With tracks that protect the ground and a highly maneuverable chassis, it can efficiently transport fruits and vegetables, feed, and timber.; Its tracks also prevent damage to lawns and pavement.; Special Operating Conditions Scenarios Suitable for small mines, underground operations, waste-handling facilities, and high-end landscaping sites, this tracked machine delivers exceptional traction on steep, muddy slopes, while its low ground pressure protects the surface, ensuring reliable material handling even in harsh environments.

CORE PRODUCT DATA

Specifications - continued

Dump truck / Model BL-500

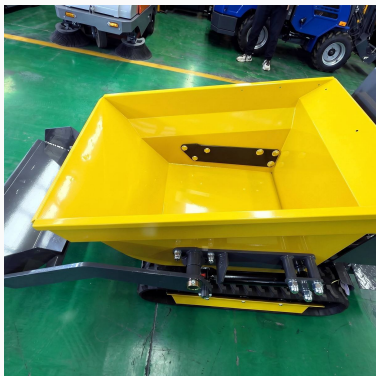
Specification	Product data
Customer Profile	Individual farmers and livestock breeders in county-level rural areas are budget-conscious, with key pain points being high labor costs and difficult transportation due to poor road conditions.; Small-scale construction contractors and independent subcontractors in infrastructure projects prioritize operational efficiency.; Their pain points include constraints on large equipment and high labor-handling costs, driving a demand for multi-functional machinery that delivers both efficiency and durability while ensuring a rapid return on investment.; Landscape and horticultural engineering firms, as well as municipal and high-end venue operators, prioritize site preservation.; Their primary pain point is wheeled vehicles damaging pavements and turf, so they seek compact equipment that avoids ground damage, with particular attention to track-based systems for their protective qualities and the overall footprint of the machinery.; Small-scale mine operators working in harsh conditions face the pain point of poor road conditions that lead to frequent equipment breakdowns.; Their needs include strong power, durability, and robust build quality, with particular attention paid to track performance and overall machine stability.; For engineering equipment rental companies and county-level leasing operators, the pain points are low equipment versatility and high failure rates.; Their needs center on ease of operation and adaptability to multiple scenarios, with a focus on rental utilization rates and spare-part costs.



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Structure & configuration

Component / configuration	Function / scope
Large-capacity tipping hopper	The large-capacity yellow hopper is designed for loading materials such as sand, gravel, soil, and construction waste. Its wide opening facilitates quick and convenient loading and unloading, making it ideal for material handling at construction sites and in landscaping operations.
Hopper bottom stiffener	The hopper's front and bottom are equipped with a reinforced structural design, enhancing the frame's load-bearing capacity and reducing the risk of deformation under heavy-load operation, ensuring greater stability and durability.
Left lift link	It connects the hopper to the chassis structure and, in coordination with the hydraulic tipping system, enables the lifting and dumping of the hopper, thereby enhancing unloading efficiency.
Right-side lift link	Together with the connecting rod on the opposite side, it supports the hopper's overturning motion, ensuring a smooth and reliable lifting process and enabling more efficient material discharge.
Chassis main frame	The black steel-structure chassis supports the material hopper, the powertrain, and the track assembly, offering a robust and stable design that serves as the core foundation for the machine's load-bearing capacity and component mounting.
Left track assembly	Rubber tracks have a large ground contact area and strong traction, enhancing the equipment's ability to traverse challenging terrain such as muddy surfaces, gravel roads, and slopes.
Right track assembly	It works in tandem with the left track to ensure stable machine travel; the tracks feature deep treads that minimize slippage during transport, making the machine suitable for a wide range of construction sites.



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Application & product selection



Construction-site hauling; Farm and landscaping transport; Confined-site material movement.

Selection input	Review together
Material and load	Actual material density and load against stated payload/body volume.
Dumper version	Specified body, tipping, engine/drive, tracks and control arrangement.
Route and site	Access, ground condition, slope/clearance and actual load distribution.

Ordered configuration

Retain the exact model, specification option and included accessory scope in the written order.
Application photographs illustrate context, not inclusion of adjacent items.



TRACKED DUMPERS

Product views

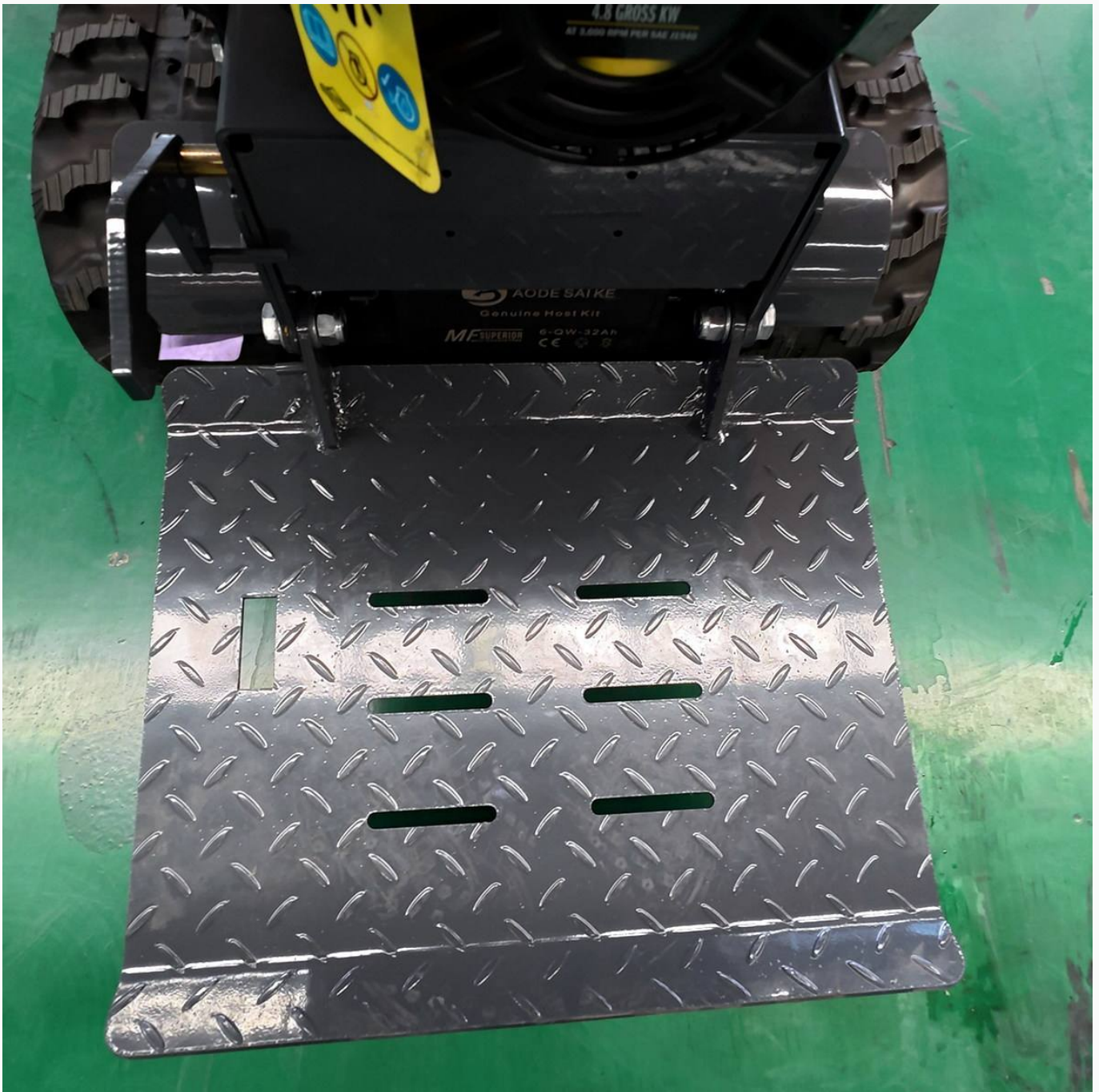
Grouped views present the tracked chassis, dump body and tipping arrangement.



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Components & interfaces

Grouped detail views identify the fitted components and interfaces.



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Accessory configuration

Grouped companion components are distinct from the main product; inclusion follows the written order.



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Structural decomposition



Assembly relationships

The separated view identifies the principal product assemblies and their physical relationship; supplied scope follows the exact written configuration.