



BAĞSAN

BGS-105 SERIES

Wheel Telescopic Loaders

**Unmatched Performance and Reliability
Solutions for Every Need**



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BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

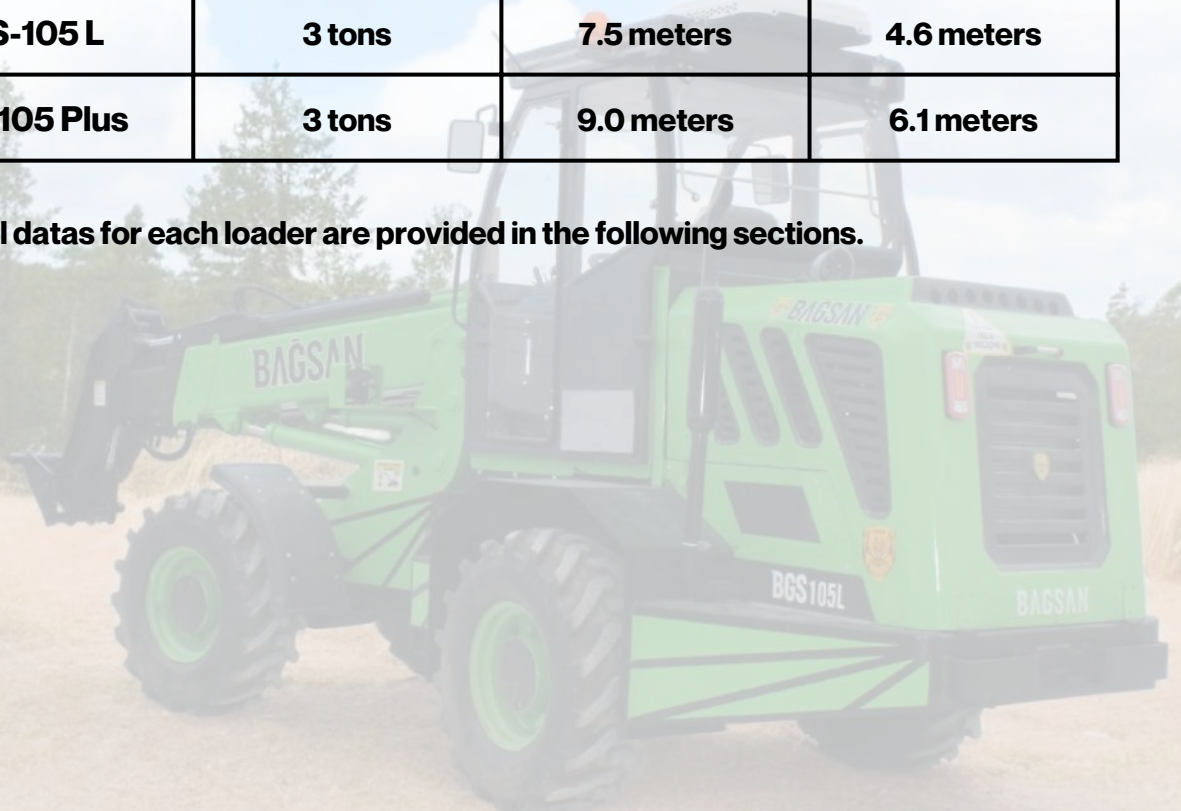
General Informations

The BAGSAN BGS-105 Wheel Telescopic Loader Series is designed to deliver exceptional performance, reliability, and versatility, making it an ideal choice for a wide range of industries, including construction, agriculture, and material handling.

The BGS-105 Wheel Telescopic Loader Series includes the BGS-105 M, BGS-105 L, and BGS-105 Plus models. The key differences between these models lie in their lifting capacity, lifting height, and maximum out-reach, offering tailored solutions for various operational needs.

	Max. Lift Capacity	Max. Lift Height	Max. Out-reach
BGS-105 M	5 tons	6.5 meters	3.6 meters
BGS-105 L	3 tons	7.5 meters	4.6 meters
BGS-105 Plus	3 tons	9.0 meters	6.1 meters

*Technical datas for each loader are provided in the following sections.





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Technical Specifications

General Informations

All models in this series share the following key features:

- **Advanced Drive System:** Equipped with 4x4 drive and articulated steering, ensuring superior maneuverability even in challenging terrains.
- **Automatic Transmission:** The automatic transmission system enhances ease of use, allowing operators to focus on the task without manual gear shifting.
- **Telescopic Boom:** Each machine features a telescopic boom for precise and efficient load handling, increasing reach and adaptability.
- **Diesel-Powered Efficiency:** Powered by robust diesel engines, the BGS-105 Series offers excellent fuel efficiency and long-lasting performance.
- **Durable and Versatile Design:** Designed for reliability, these loaders are built with high-quality materials and engineered to withstand tough working conditions.
- **Operator Comfort:** Spacious and ergonomic cabins provide a comfortable working environment, minimizing operator fatigue and maximizing productivity.

The BGS-105 Series is the perfect combination of strength, efficiency, and innovation, tailored to meet the demands of modern businesses.





BGS-105 Series

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Technical Specifications

Power That Drives Performance

Brand & Model	Perkins 1104D-44T	Tümosan 4DT-39T-175C
Emissions	UN ECE R96 Stage IIIA, China Nonroad Stage III	Stage IIIA
Maximum Power	99.9 HP (74.5 kW)	105 HP @2300 rpm
Maximum Torque	392 Nm @ 1400 rpm	350 Nm @1500 rpm
Number of Cylinders	4 inline	4 inline
Cycle	4 stroke	4 stroke
Aspiration	Turbocharged	Turbocharged
Combustion System	Direct injection	Direct injection
Cooling System	Liquid	Liquid

The engines used in the BGS-105 Wheel Telescopic Loader Series can be customized by BAGSAN to ensure compatibility with the technical service and spare parts availability in the destination country. This flexibility minimizes potential service and maintenance challenges, ensuring uninterrupted operation and customer satisfaction.



BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Unyielding Strength, Unmatched Performance

Chassis	Subframe reinforced
Type	The front axle and rear axle are fixed to the fram
Tires	16.0/70-20

- **Standardized Chassis Dimensions:** Uniform chassis measurements across all models in the BGS-105 Series, ensuring seamless compatibility and streamlined operations.
- **Proven Durability:** A single, reliable design that delivers strength and resilience for every model.
- **Simplified Maintenance:** Consistency in chassis design makes servicing and part replacement more efficient.
- **Optimized Performance:** Engineered for stability and balance, providing exceptional performance in any application.

One design, countless possibilities—experience the reliability of a standardized chassis built to excel in every task.





BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Experience Unmatched Operator Comfort

- **Reverse View Camera:** Work with confidence and enhanced safety, even in tight spaces.
- **Optimized Viewing Angle:** Achieve superior visibility for precise and efficient operations.
- **Widened Interior Cabin:** Enjoy a spacious workspace designed for maximum productivity.
- **High-Capacity Air Conditioning:** Stay cool and focused, even in the toughest environments.
- **High-Resolution Colored Dashboard:** Access critical machine information at a glance with vibrant clarity.
- **Air Suspension Seat:** Reduce fatigue and stay comfortable during long hours of operation.
- **Carpeted Interior:** Experience a touch of luxury in a durable and professional cabin.

Elevate your working experience with a cabin built for comfort, control, and efficiency!



BGS-105 Series

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Technical Specifications

Steering System: Precision and Control

Type	Hydraulic type steering and front wheel controlled by 2 cylinders
Automatic Gearbox	4 Stage (4 Fwd / 4 Rvs)
Steering Modes	4 WD
Maximum Speed	30 km/h
Minimum Speed	8 km/h
Climbability	27°
Parking Brake	Pneumatic Diaphragm Brake System

- **Articulated Steering:** Provides exceptional maneuverability, making tight turns effortless even in confined spaces.
- **Smooth and Responsive Handling:** Designed for precise control, enhancing operator efficiency and safety.
- **Standardized Across the Series:** Consistent steering performance for all models ensures uniform handling and operator familiarity.



BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Hydraulic System: Power and Efficiency

Type	Fixed Displacement Gear Pump
Max. Output	99 L/min
Pilot Pump	43 L/min (Gear Wheel)

- **High-Performance Hydraulics:** Delivers reliable power for lifting, tilting, and other operations, ensuring smooth and efficient workflows.
- **Optimized Flow and Pressure:** Ensures consistent performance under heavy loads across all series models.
- **Simplified Maintenance:** Standardized hydraulic components make servicing straightforward and cost-effective.
- **Durable and Reliable Design:** Built to withstand intense workloads, ensuring long-term operational efficiency.



BGS-105 Series

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Technical Specifications

Filling Capacities

Hydraulic System	120 L
Petrol Tank	85 L
Hydraulic Tank	60 L
Engine Oil	8 L
Engine Cooling	6 L

Electric System

Voltage	12 V
Batteries	12 V/180 Ah
Alternator	12 V
Starter	12 V

The filling capacities and electric systems are standardized across the entire BGS-105 Series, ensuring consistent performance and ease of maintenance for all models.

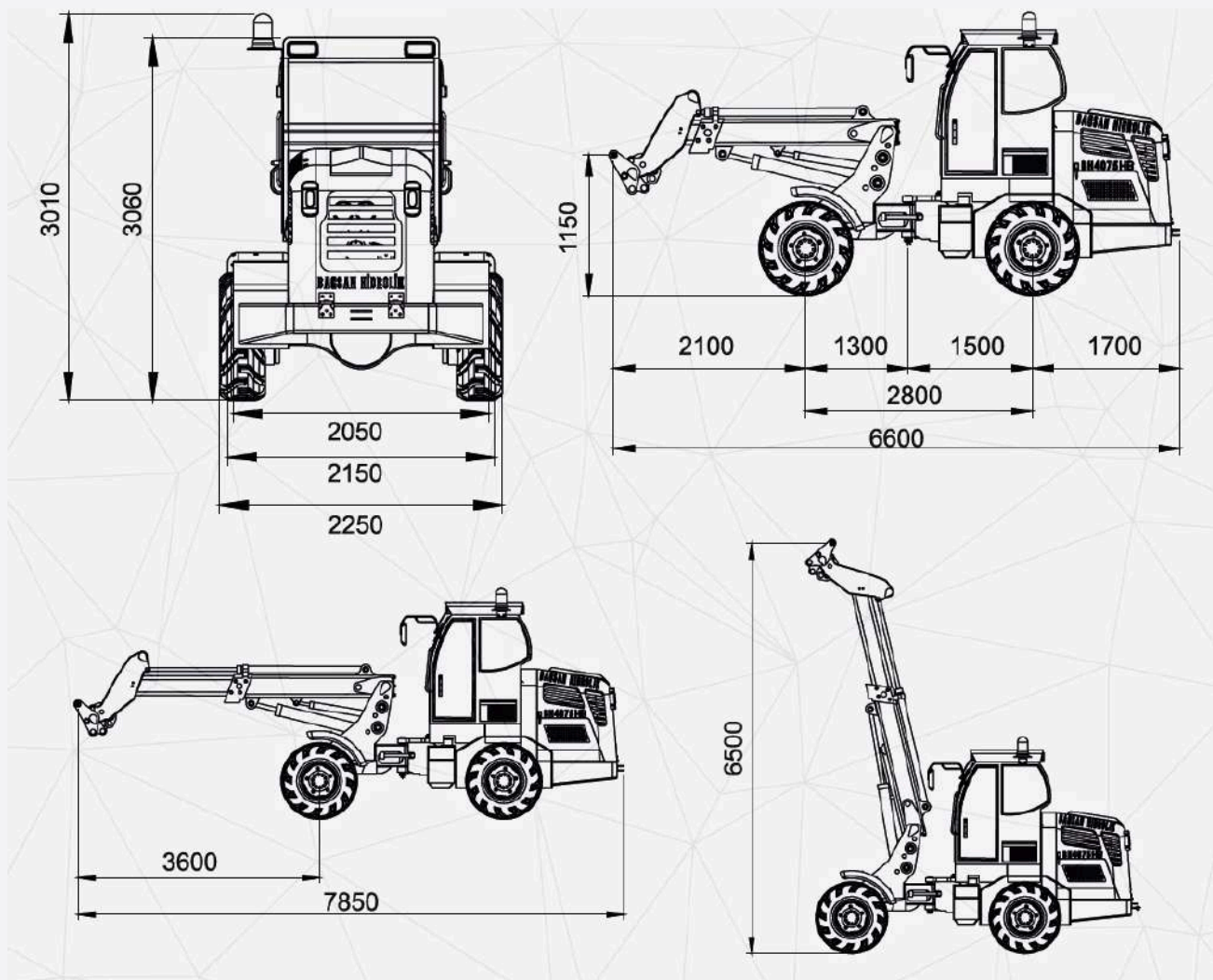


BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Dimensions of BGS-105 M



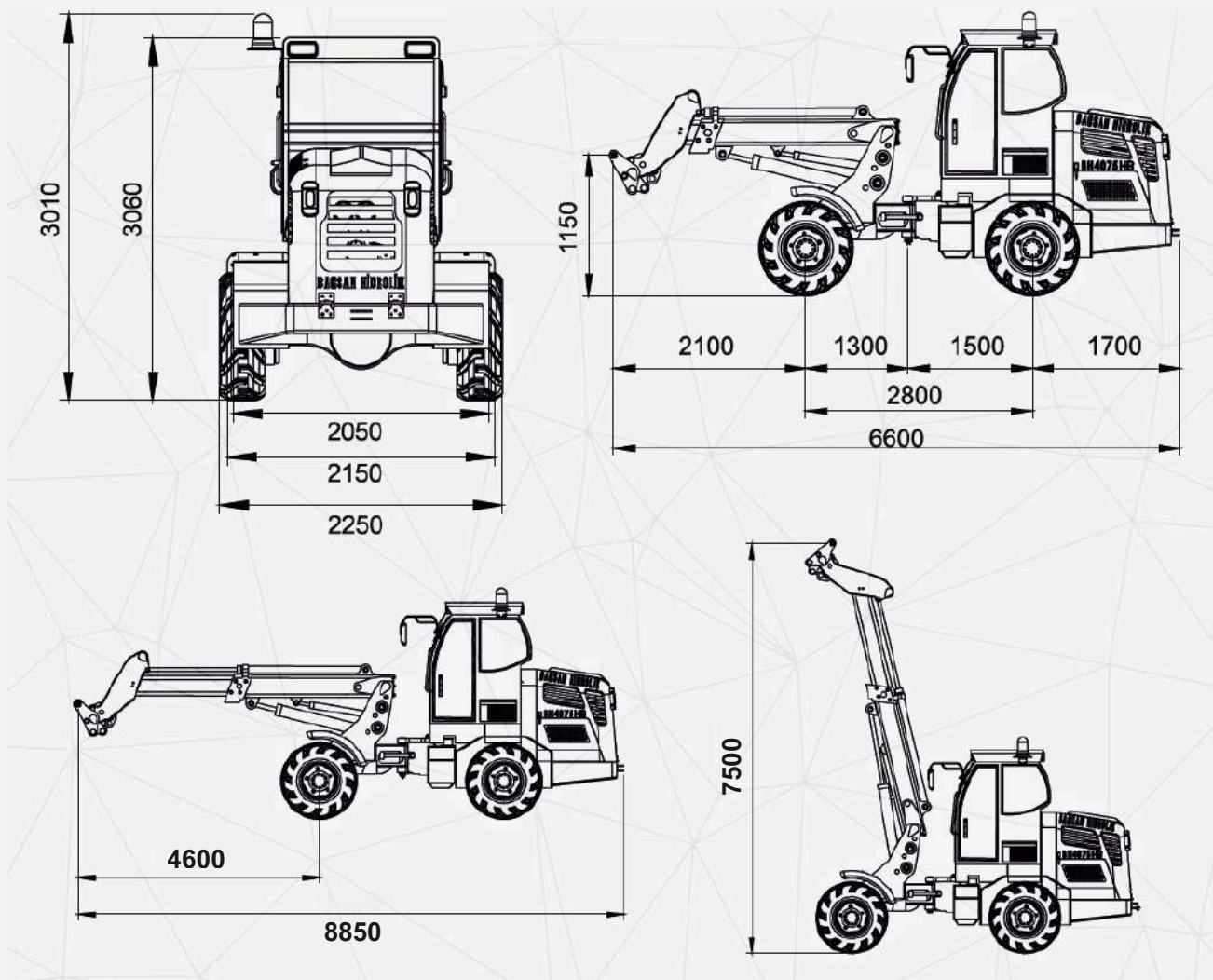


BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Dimensions of BGS-105 L



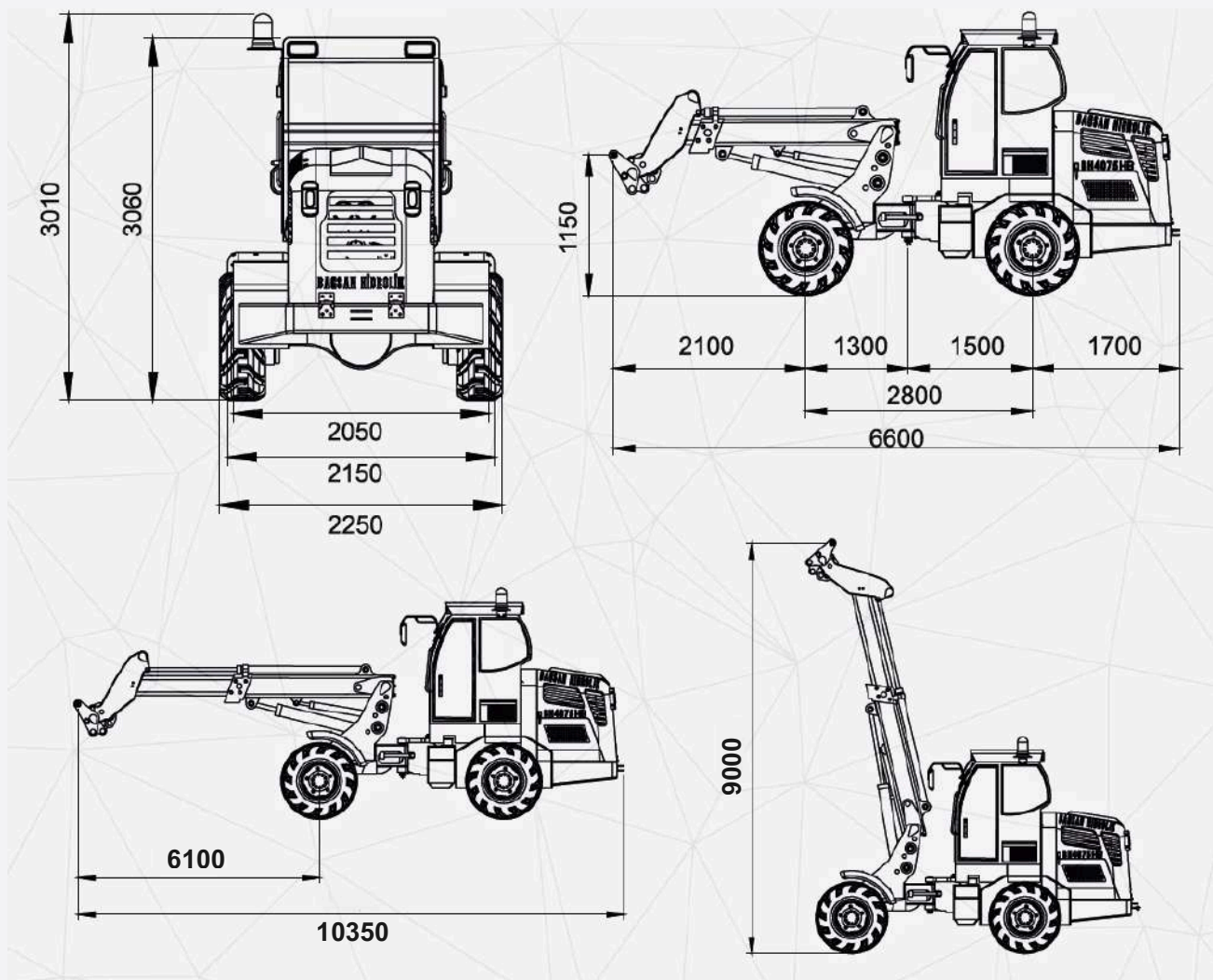


BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Dimensions of BGS-105 Plus





BGS-105 Series

Wheel Telescopic Loaders

Technical Specifications

Compatible Attachments

- **Standart Bucket**
- **Opening Bucket Large**
- **Grain Bucket**
- **Beet Bucket**
- **Grapple Bucket**
- **Silage Cutting Fork**
- **Log Grapple Fork**
- **Log Grapple 360°**
- **Paper Roll Clamp**
- **Roll Bale Handling**
- **Bale Skewer 3 Fork**
- **Bale Skewer 7 Fork**
- **Pallet Fork**
- **Recycling Handling**
- **Platform Basket Small**
- **Platform Basket Large**
- **Leveling Shovel**







SCAN FOR
ATTACHMENTS





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