

# **1.Agro Industrial**

Agro Industrial Products at Bonhoeffer Machines encompass a range of machinery and equipment designed to enhance agricultural productivity and efficiency. These products cater to various agro-industrial applications, including farming, harvesting, processing, and storage. Engineered for durability and performance, they support modern agricultural operations with advanced technology and reliable solutions.

## **1.1. Gasoline Generators**

Gasoline Generators at Bonhoeffer Machines are designed to provide reliable and efficient power solutions for various industrial, commercial, and residential applications. These generators ensure consistent performance, featuring robust construction, fuel efficiency, and easy operation. Ideal for backup power, outdoor work, and emergency situations, they are built to deliver stable electricity output with minimal maintenance. Here are the models of Bonhoeffer Gasoline Generators.

**1.1.1 BON-P-GG-2.8KW** The BON-P-GG-2.8KW gasoline generator is a high-performance power solution designed for efficiency and durability. With a maximum power output of 2.8KW and rated power of 2.5KW, it operates on a 7 HP OHV 4-stroke engine, ensuring reliable performance. Featuring a 100% copper stator coil for enhanced conductivity and durability, it supports dual voltage (120V/240V) at 50 or 60 Hz frequency. The generator offers an 11.5-hour runtime at 50% load, thanks to its 15-liter fuel tank, and includes a 600ml oil capacity. Equipped with a retractable start system, it provides ease of use, making it an ideal choice for backup power and outdoor applications.

**1.1.2 BON-P-GG-3.7KW** The BON-P-GG-3.7KW gasoline generator is a powerful and efficient energy solution, delivering a maximum power output of 3.7KW and a rated power of 3.3KW. It is powered by an 8 HP OHV 4-stroke engine, ensuring durability and high performance. Designed with a 100% copper stator coil, it provides superior conductivity and longevity. Supporting dual voltage (120V/240V) at 50 or 60 Hz frequency, it offers versatile usage. With a 15-liter fuel tank, the generator runs for 10 hours at 50% load, making it ideal for continuous power needs. The retractable start system ensures easy operation, while the 600ml oil tank capacity supports smooth engine function.

**1.1.3 BON-P-GG-5.0KW** The BON-P-GG-5.0KW gasoline generator is a robust and high-capacity power solution, offering a maximum power output of 5.0KW and a rated power of 4.5KW. Equipped with a 9 HP OHV 4-stroke engine, it ensures superior performance and reliability. The 100% copper stator coil enhances durability and efficiency, while the dual voltage (120V/240V) at 50 or 60 Hz frequency provides flexible power options. With a 15-liter fuel tank, it runs for 7 hours at 50% load, making it suitable for both backup and continuous power supply needs. The retractable start system allows for easy operation, and the 1100ml oil tank capacity ensures optimal engine performance.

**1.1.4 BON-P-GG-7.5KW** The BON-P-GG-7.5KW gasoline generator is a powerful and high-capacity solution, delivering a maximum power output of 7.5KW and a rated power of 7.0KW. It is driven by a 14 HP OHV 4-stroke engine, ensuring efficient and consistent performance. Built with a 100% copper stator coil, it guarantees durability and superior conductivity. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it provides versatile power options. Featuring a 27-liter fuel tank, this generator runs for 8 hours at 50% load, making it ideal for extended power supply needs. The electric start system ensures effortless operation, while the 1100ml oil tank capacity supports smooth engine performance.

**1.1.5 BON-P-GG-9.0KW** The BON-P-GG-9.0KW gasoline generator is a high-performance power solution designed for demanding applications. With a maximum power output of 9.0KW and a rated power of 8.5KW, it is powered by a 16 HP OHV 4-stroke engine, ensuring efficiency and reliability. Constructed with a 100% copper stator coil, it

offers superior conductivity and durability. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it provides flexible power options for various needs. The 27-liter fuel tank allows for 9 hours of runtime at 50% load, making it ideal for extended use. Featuring an electric start system, it offers convenience and ease of operation, while the 1100ml oil tank capacity ensures smooth engine performance.

**1.1.6 BON-P-GG-9.5KW** The BON-P-GG-9.5KW gasoline generator is a powerful and efficient energy solution designed for heavy-duty applications. Delivering a maximum power output of 9.5KW and a rated power of 9.2KW, it is powered by an 18.5 HP OHV 4-stroke engine, ensuring reliable and consistent performance. Built with a 100% copper stator coil, it offers enhanced durability and efficiency. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it provides versatile power options. With a 55-liter fuel tank, this generator offers an extended 12.5-hour runtime at 50% load, making it ideal for continuous operation. The electric start system ensures hassle-free activation, while the 1400ml oil tank capacity supports optimal engine performance for long-lasting use.

**1.1.7 BON-P-GG-12.0KW** The BON-P-GG-12.0KW gasoline generator is a high-capacity power solution engineered for demanding applications. Delivering a maximum power output of 12.0KW and a rated power of 11.0KW, it is powered by a 20 HP OHV 4-stroke engine with 2 cylinders, ensuring exceptional efficiency and durability. Designed with a 100% copper stator coil, it provides superior conductivity and long-lasting performance. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it offers flexibility for various power needs. Equipped with a 55-liter fuel tank, it delivers an extended 11.5-hour runtime at 50% load, making it ideal for continuous operation. The electric start system ensures convenient and effortless activation, while the 1500ml oil tank capacity supports smooth and reliable engine performance.

**1.1.8 BON-P-GG-13.5KW** The BON-P-GG-13.5KW gasoline generator is a high-performance power solution built for industrial and heavy-duty applications. With a maximum power output of 13.5KW and a rated power of 13.0KW, it is driven by a 34 HP OHV 4-stroke engine with 2 cylinders, ensuring robust and reliable performance. Featuring a 100% copper stator coil, it delivers superior conductivity and durability. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it provides versatile power options for various needs. The 55-liter fuel tank supports an efficient 9-hour runtime at 50% load, making it suitable for extended use. With an electric start system, it ensures easy operation, while the 1500ml oil tank capacity maintains smooth engine performance for long-lasting reliability.

**1.1.9 BON-P-GG-16.0KW** The BON-P-GG-16.0KW gasoline generator is a high-power solution designed for industrial and commercial applications. With a maximum power output of 16.0KW and a rated power of 15.0KW, it is powered by a 34 HP OHV 4-stroke engine with 2 cylinders, ensuring superior efficiency and durability. Built with a 100% copper stator coil, it provides excellent conductivity and long-lasting performance. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it delivers flexible power solutions. The 55-liter fuel tank allows for a 7.5-hour runtime at 50% load, making it ideal for continuous operation. Featuring an electric start system, it ensures easy and quick activation, while the 1500ml oil tank capacity supports smooth and reliable engine function.

**1.1.10 BON-P-GG-18.5KW** The BON-P-GG-18.5KW gasoline generator is a high-capacity power solution engineered for demanding industrial and commercial applications. Delivering a maximum power output of 18.5KW and a rated power of 18.0KW, it is powered by a 34 HP OHV 4-stroke engine with 2 cylinders, ensuring outstanding efficiency and durability. Built with a 100% copper stator coil, it offers superior conductivity and long-lasting performance. Operating at 50 or 60 Hz frequency with dual voltage (120V/240V), it provides flexible power options for various needs. With a 55-liter fuel tank, this generator runs for 7 hours at 50% load, making it ideal

for extended use. The electric start system ensures hassle-free operation, while the 1500ml oil tank capacity supports smooth and reliable engine performance.

## 1.2 Gasoline Inverter Generators

Bonhoeffler Machines' Gasoline Inverter Generators are designed for efficient and stable power output, ensuring clean electricity with minimal harmonic distortion. These generators are ideal for sensitive electronic devices, offering fuel efficiency, quiet operation, and portability. Equipped with advanced inverter technology, they provide stable voltage and frequency, making them perfect for home backup, outdoor activities, and professional use. Their compact and lightweight design ensures easy transport and storage, while their low fuel consumption makes them an eco-friendly choice. Here are the models of Bonhoeffler Gasoline inverter Generators

### 1.2.1 BON-P-GI-1.8KW

The BON-P-GI-1.8KW gasoline inverter generator is a compact and efficient power solution, ideal for portable and emergency applications. Delivering stable electricity with 120V at 50 or 60 Hz frequency, it ensures reliable performance with low harmonic distortion, making it safe for sensitive electronics. Powered by a 3 HP engine, it features a permanent magnet alternator for enhanced efficiency. With a 4-liter fuel tank, it provides an impressive 7- hour runtime at 50% load. The manual start system ensures simple operation, while the 0.5-liter oil capacity supports smooth engine performance. Designed for durability, it offers a lifespan of 500 hours, making it a reliable choice for various power needs.

### 1.2.2 BON-P-GI-2.1KW

The BON-P-GI-2.1KW gasoline inverter generator is a reliable and durable power solution designed for stable and efficient energy output. With a maximum power of 2.1KW and dual voltage (230V/120V) at 50 or 60 Hz, it provides consistent and clean electricity, making it safe for sensitive electronics. The 79cc engine powers a permanent magnet alternator, ensuring high efficiency and reliability. Featuring a 4-liter fuel tank, it delivers a runtime of 5.7 hours at 50% load. Engineered for longevity, it has been tested for 500 hours at rated power and has undergone extensive durability tests, including waterproofing, tilt, vibration, and UV resistance. The manual start system and 0.5-liter oil capacity contribute to its user-friendly and low-maintenance design, making it ideal for outdoor, emergency, and backup power needs.

### 1.2.3 BON-P-GI-2.5KW

The BON-P-GI-2.5KW gasoline inverter generator is a compact and efficient power source, ideal for various applications, including outdoor use and backup power. Delivering 120V at 50 or 60 Hz, it ensures a stable power output with low harmonic distortion, making it safe for sensitive electronic devices. Powered by a 5 HP OHV air-cooled engine, it features a permanent magnet alternator for enhanced efficiency. With a 4.5-liter fuel tank, it offers a runtime of 4.5 hours at 50% load. Designed for low noise levels ( $\leq 72$  dB at 7m), it ensures quiet operation. The manual start system comes with an optional electric start for added convenience. Built for durability, it has undergone extensive testing, including 500 hours at rated power, ignition tests (10,000 cycles), waterproofing, UV resistance, tilt, and low-temperature performance (15-5 electric start). With a 0.58-liter oil capacity, it ensures smooth engine operation, making it a reliable and durable power solution.

### 1.2.4 BON-P-GI-2.9KW

The BON-P-GI-2.9KW gasoline inverter generator is a compact and efficient power solution, providing stable and clean energy for various applications, including backup power and outdoor use. Operating at 120V with 50 or 60 Hz frequency, it ensures low harmonic distortion, making it safe for sensitive electronic devices. Equipped with a 5 HP OHV air-cooled engine and a permanent magnet alternator, it delivers efficient performance with reliable power output. Featuring a 4.5-liter fuel tank, it provides a runtime of 4.2 hours at 50% load. The manual start system ensures ease of use, with an optional electric start available for added convenience. With a 0.58-liter oil capacity, it supports smooth engine operation while maintaining durability and efficiency. Its lightweight and portable design makes it an ideal choice for camping, job sites, emergency power, and

more 1.2.5 BON-P-GI-3.5KW The BON-P-GI-3.5KW gasoline inverter generator is a high-performance and fuel-efficient power solution, ideal for backup power, outdoor activities, and job sites. Delivering a stable and clean energy output at 120V with 50 or 60 Hz frequency, it ensures safe operation for sensitive electronic devices. Powered by a 7.5 HP OHV air-cooled engine, it features a permanent magnet alternator for enhanced efficiency and durability. With a 7.8-liter fuel tank, this generator provides an impressive 7.5-hour runtime at 50% load, making it ideal for extended use. The manual start system is simple to operate, with an optional electric start available for added convenience. Designed for reliability and longevity, it includes a 0.60-liter oil capacity to ensure smooth engine performance. Its compact and portable design makes it an excellent choice for those needing a powerful yet efficient generator for various applications.

1.2.6 BON-P-GI-3.8KW The BON-P-GI-3.8KW gasoline inverter generator is a powerful and efficient solution designed for portable, backup, and outdoor power needs. Operating at 120V with 50 or 60 Hz frequency, it delivers clean and stable energy, making it safe for sensitive electronic devices. Equipped with a 7.5 HP OHV air-cooled engine and a permanent magnet alternator, this generator ensures high efficiency and reliability. With a 7.8-liter fuel tank, it provides an extended 7.5-hour runtime at 50% load, making it ideal for longer operation periods. The manual start system is easy to use, with an optional electric start available for added convenience. Designed for low-noise performance ( $\leq 70$  dB at 7m), it ensures quieter operation compared to conventional generators. Built for durability, it has undergone 500-hour operating tests at rated power, 10,000 ignition cycles, waterproofing, tilt, vibration, and low-temperature testing (15-5 electric start). With a 0.60-liter oil capacity, it guarantees smooth engine function and longevity. This generator is an ideal choice for camping, job sites, emergency backup, and professional applications where power efficiency, durability, and quiet operation are essential.

1.2.7 BON-P-GI-5.5KW The BON-P-GI-5.5KW gasoline inverter generator is a high-power and reliable energy solution designed for residential, commercial, and outdoor applications. Delivering clean and stable electricity at 120V with 50 or 60 Hz frequency, it is ideal for sensitive electronic devices and demanding power needs. Powered by a 10 HP OHV air-cooled engine, this generator ensures efficient performance and durability. It features a permanent magnet alternator, enhancing its power output and longevity. With a 17.5-liter fuel tank, it offers a runtime of 5.3 hours at 50% load, providing continuous and uninterrupted operation. For added convenience, it includes an electric start system, making operation quick and hassle-free. The 0.60-liter oil capacity ensures smooth engine function, reducing wear and extending its lifespan. Designed for efficiency, durability, and ease of use, the BON-P-GI-5.5KW is an excellent choice for backup power, job sites, outdoor events, and emergency situations.

1.2.8 BON-P-GI-7.5KW The BON-P-GI-7.5KW gasoline inverter generator is a powerful and efficient energy solution designed for residential, commercial, and industrial applications. Providing clean and stable power at 120V with 50 or 60 Hz frequency, it ensures safe operation for sensitive electronic devices. Equipped with a 16 HP OHV air-cooled engine and a permanent magnet alternator, this generator delivers high performance and long-lasting durability. The 26-liter fuel tank allows for an 8-hour runtime at 50% load, making it ideal for extended power supply needs. The electric start system ensures easy and quick operation, while the 0.60-liter oil capacity supports smooth engine function. Designed for low-noise operation ( $\leq 77$  dB at 7m), it minimizes disturbances in residential and outdoor environments. With its powerful engine, extended runtime, and stable output, the BON-P-GI-7.5KW is an excellent choice for home backup, job sites, outdoor events, and emergency situations where high performance and reliability are essential.

1.3 Gasoline Tillers Bonhoeffler Machines' Gasoline Tillers are

designed for efficient soil preparation, making them ideal for agriculture, gardening, and landscaping. These powerful machines help break up compact soil, mix nutrients, and prepare land for planting, ensuring optimal crop growth. Equipped with high-performance gasoline engines, they deliver strong torque and deep tillage capabilities while maintaining ease of use. Built for durability and efficiency, Bonhoeffer gasoline tillers feature adjustable tilling depths, sturdy blades, and ergonomic designs to enhance productivity. Whether for small gardens, farms, or large agricultural fields, these tillers offer versatile performance, fuel efficiency, and ease of maneuverability for various soil types. Here are the models of Bonhoeffer Gasoline Tillers.

**1.3.1 BON-DI-950** The BON-DI-950 gasoline tiller from Bonhoeffer Machines is a powerful and efficient soil cultivation tool, ideal for agriculture, gardening, and landscaping. Powered by the Bonhoeffer Engine, it features a 418cm<sup>3</sup> displacement, delivering 5.8KW of net power at 3600 rpm, ensuring high torque and deep tillage capability. Designed for optimal performance, it comes with an oil bath air filter for improved engine protection and a 6-liter fuel tank for extended operation. The direct clutch transmission system offers 2 forward and 1 reverse speed, allowing for smooth and precise maneuverability. With a rotational speed range of 62-145 rpm, it efficiently tills different soil types. Equipped with a front-tine cultivator, it ensures deep penetration and effective soil aeration. The 1.65L engine oil and 3L transmission oil capacity (SAE10W30) guarantee smooth operation and longevity. Whether for home gardens or large-scale farming, the BON-DI-950 provides durability, reliability, and ease of use for superior soil preparation.

**1.3.2 BON-GT-500B** The BON-GT-500B gasoline tiller from Bonhoeffer Machines is a compact and efficient soil cultivation tool, ideal for home gardens, small farms, and landscaping projects. Powered by the Bonhoeffer OHV engine, it features a 149cm<sup>3</sup> displacement, delivering 2.7KW (3.5HP) at 3600 rpm, ensuring consistent and reliable performance for tilling various soil types. Equipped with a front-tine cultivator and 18 durable tines, this tiller efficiently breaks up soil, making it easier to prepare for planting. The chain/manual transmission system provides two forward speeds, offering better maneuverability and control. With a 1.1-liter fuel tank, the tiller offers longer operation on a single fill, while the 0.5L engine oil capacity ensures smooth performance and durability. Designed for ease of use and efficiency, the BON-GT-500B is an excellent choice for those looking for a powerful yet lightweight tiller for agricultural and gardening applications.

**1.3.3 BON-GT-500S** The BON-GT-500S mini gasoline cultivator from Bonhoeffer Machines is a lightweight and efficient tiller designed for small-scale farming, gardening, and landscaping. With a 5HP motor, it delivers powerful performance for breaking up soil and preparing land for cultivation. Featuring a tillage width of 300mm and a tillage depth of 80mm, this cultivator is ideal for narrow spaces and precise soil preparation. The belt + chain transmission system ensures smooth and reliable power transfer, while the adjustable handle (up & down) provides enhanced comfort and control. With a 1.2L fuel tank, 0.15L gearbox oil capacity, and 0.5L engine oil capacity, the BON-GT-500S offers efficient fuel consumption and long-lasting durability. Equipped with 3-3 dry land blades, it ensures effective tilling and soil aeration, making it perfect for home gardens and small farming operations.

**1.3.4 BON-GT-900** The BON-GT-900 mini gasoline cultivator from Bonhoeffer Machines is a high-performance and versatile tiller designed for efficient soil preparation in home gardens, farms, and landscaping projects. With a tillage width of 950mm and a tillage depth of 100mm, it ensures deep and thorough soil cultivation, making it ideal for larger areas and tougher soil conditions. Equipped with an all-gear transmission system, this cultivator delivers maximum power efficiency and durability, ensuring smooth and reliable operation even in challenging terrains. Its compact yet powerful design makes it an excellent choice for farmers and

gardeners looking for an easy-to-use, fuel-efficient, and long-lasting tiller. 1.3.5

**BON-GT-950T** The BON-GT-950T gasoline cultivator from Bonhoeffer Machines is a powerful and efficient tilling solution, ideal for gardening, farming, and landscaping.

Equipped with a 208cm<sup>3</sup> Bonhoeffer Engine, it delivers 5.22 kW of net power at 3200 rpm, ensuring high torque and deep tillage capabilities for various soil conditions. Designed for durability and efficiency, it features a dry & oil bath air filter for enhanced engine protection and longevity. With a 2.5-liter fuel tank, it offers longer operation on a single fill, making it suitable for larger plots and extended use. The gear transmission system provides 2 forward and 1 reverse speed, allowing for precise control and smooth maneuverability. The rotational speed range of 0.1-0.3 m/s ensures efficient soil turnover, while the 1.6L transmission oil capacity (SAE10W30) ensures smooth gear operation. Equipped with a front-tine cultivator, the BON-GT-950T is a versatile, fuel-efficient, and reliable choice for farmers and gardeners seeking superior soil preparation and easy handling. 1.3.6

**BON-GT-950C** The BON-GT-950C mini gasoline cultivator from Bonhoeffer Machines is a high-efficiency tiller designed for large-scale soil preparation in agriculture, gardening, and landscaping. With an impressive tillage width of 1350mm and a tillage depth of 100mm, it ensures deep and thorough cultivation, making it suitable for expansive fields and tough soil conditions.

Equipped with a shifter system (-1, 0, 2, 1), this cultivator provides multiple speed options for better control and maneuverability, allowing users to adjust speed and direction as needed for different soil types. Built for durability and ease of use, the BON-GT-950C is an ideal choice for farmers and professional landscapers who require a powerful, wide-coverage, and efficient soil tiller. 1.4

**Gasoline Water Pumps** Bonhoeffer Machines' Gasoline Water Pumps are designed for efficient water transfer in various applications such as irrigation, drainage, and emergency water removal. Powered by high-performance gasoline engines, these pumps offer reliable operation and high flow rates. Their portable and compact design makes them easy to transport and set up, while their durability ensures long-lasting performance. These pumps are perfect for agriculture, construction sites, and other heavy-duty water pumping needs. Here are the models of Bonhoeffer Gasoline water Pumps

1.4.1 **BON-P-WP1.0-31** The BON-P-WP1.0-31 gasoline water pump is a self-priming pump designed for efficient water transfer in various applications. With a maximum power of 2 HP at 7000 rpm, it delivers a maximum pumping capacity of 8000 liters per hour. The pump features 1.0-inch suction and discharge diameters, ensuring easy handling and connection.

Designed with an aluminum volute and impeller, it ensures durability and long-lasting performance, while the carbon/ceramic mechanical seal enhances reliability. With a fuel tank size of 0.5 liters, it offers high efficiency and low fuel consumption. The total elevation of 29 meters and suction height of 7 meters make it suitable for a variety of pumping needs. 1.4.2

**BON-P-WP1.5-79 Gasoline Water Pump** The BON-P-WP1.5-79 gasoline water pump is a centrifugal self-priming monoblock horizontal pump designed for high-efficiency water transfer. Powered by a 2 HP engine, it offers a maximum discharge of 13,000 liters per hour.

The pump features a 38mm suction and discharge port diameter, making it suitable for various pumping applications. With a total head of 15 meters and a suction lift of 6 meters, this pump is capable of handling medium to heavy-duty water transfer needs. The 4-vane cast iron impeller and rigid mounted cast iron volute ensure durability and reliable operation.

Equipped with a recoil start system, it offers ease of use, while the silicon carbide mechanical seal ensures long-lasting performance and protection. 1.4.3

**BON-P-WP2.0-149 Gasoline Water Pump** The BON-P-WP2.0-149 gasoline water pump is a self-priming pump designed for efficient water transfer in various applications. With a maximum power of 5 HP at 4000 rpm, it provides a maximum pumping capacity of 30,000 liters per hour. The pump

features 2-inch suction and discharge diameters, ensuring easy handling and connection. With a total elevation of 25 meters and a suction height of 6 meters, it is capable of handling various pumping needs. The pump has a fuel tank size of 1.2 liters, ensuring long-lasting operation, and is recommended to use SAE10W-30 oil for optimal performance. Its nominal power of 2.5 kW ensures efficient and reliable operation for high-demand water pumping tasks.

**1.4.4 BON-P-WP2.0-196** The BON-P-WP2.0-196 gasoline water pump is a centrifugal self-priming monoblock horizontal pump, designed for high-efficiency water transfer.

Powered by a 6.5 HP engine, it offers a maximum discharge of 36,000 liters per hour, making it suitable for large-scale pumping applications. With a 51mm suction and discharge port diameter, it ensures easy connection and efficient flow. The pump features a total head of 32 meters and a suction lift of 8 meters, providing high performance in demanding environments. The 4-vane cast iron impeller and rigid mounted cast iron volute ensure long-lasting durability. Equipped with a recoil start system, the pump is easy to operate, while the silicon carbide mechanical seal ensures reliable protection. With a compression ratio of 8.5:1, this pump is built for optimal performance and reliability across a wide range of applications.

**1.4.5 BON-P-WP3.0-196** The BON-P-WP3.0-196 gasoline water pump is a centrifugal self-priming monoblock horizontal pump, designed for high-capacity water transfer. Powered by a 6.5 HP engine, it delivers a maximum discharge of 55,000 liters per hour, making it ideal for large-scale applications such as irrigation, drainage, and flood control. Featuring 3-inch suction and discharge port diameters, it ensures efficient flow and easy connectivity. With a total head of 30 meters and a suction lift of 7 meters, it offers outstanding pumping performance in demanding conditions. The 4-vane cast iron impeller and rigid mounted cast iron volute enhance durability and long-lasting operation. Equipped with a recoil start system, the pump is easy to operate. The silicon carbide mechanical seal provides reliable protection, and the compression ratio of 8.5:1 ensures optimal performance for heavy-duty water pumping tasks.

**1.4.6 BON-P-WP4.0-272** The BON-P-WP4.0-272 gasoline water pump is a high-performance centrifugal self-priming monoblock horizontal pump, ideal for large-scale water transfer applications. Powered by a 9 HP engine, it delivers a maximum discharge of 105,000 liters per hour, making it suitable for irrigation, drainage, and heavy-duty pumping tasks. With 4-inch suction and discharge port diameters, it ensures efficient flow and robust performance. The pump features a total head of 25 meters and a suction lift of 6 meters, providing powerful water lifting capabilities. The 4-vane cast iron impeller and rigid mounted cast iron volute ensure durability and long-lasting operation.

Equipped with a recoil start system, this pump is easy to operate, while the silicon carbide mechanical seal guarantees reliable protection and efficient performance. The compression ratio of 8.5:1 ensures optimal efficiency in demanding conditions.

**1.4.7 BON-P-WP1.5-224HL** The BON-P-WP1.5-224HL gasoline water pump is a self-priming high lift pump, designed for high-efficiency water transfer in demanding conditions. Powered by an 8.0 HP engine running at 3800 rpm, it provides a maximum pumping capacity of 15,000 liters per hour, making it ideal for irrigation, drainage, and water supply applications. With a 1.5-inch suction diameter and multiple discharge diameters (1.5/1.0/1.0 inches), it offers versatile options for water discharge. The pump boasts a total elevation of 75 meters and a suction height of 7 meters, ensuring strong lifting power for long-distance water transport.

The 4-vane cast iron impeller and rigid mounted cast iron volute enhance durability, while the silicon carbide mechanical seal ensures reliable protection and smooth operation. The pump is powered by a 2.6-liter fuel tank, and its recommended oil type is SAE10W-30 for optimal performance. With a compression ratio of 8.5:1, it delivers powerful and efficient water pumping.

**1.4.8 BON-P-WP6.0-420** The BON-P-WP6.0-420 gasoline water pump is a

high-performance self-priming pump, designed for large-scale water transfer applications. Powered by a 14.0 HP engine running at 3600 rpm, it delivers a maximum pumping capacity of 150,000 liters per hour, making it perfect for heavy-duty irrigation, drainage, and flood control tasks. With a 6-inch suction and discharge diameter, this pump is designed for efficient water flow and is capable of handling large volumes of water. It offers a total elevation of 20 meters and a suction height of 5 meters, making it ideal for long-distance water transport. The 4-vane cast iron impeller and rigid mounted cast iron volute ensure long-lasting durability, while the silicon carbide mechanical seal provides reliable protection and smooth operation. The pump features a 6-liter fuel tank and is recommended to use SAE10W-30 oil for optimal performance. With a compression ratio of 8.5:1, it ensures efficient and powerful operation.

1.4.9 BON-P-WP2.0-224HL The BON-P-WP2.0-224HL gasoline water pump is a self-priming high lift pump, designed for efficient water transfer in demanding conditions. Powered by an 8.0 HP engine running at 3800 rpm, it delivers a maximum pumping capacity of 18,000 liters per hour, making it ideal for irrigation, drainage, and water supply applications. With a 2-inch suction diameter and multiple discharge diameters (2.0/1.5/1.5 inches), it offers versatile discharge options. The pump features a total elevation of 80 meters and a suction height of 7 meters, providing high lifting power for long-distance water transport. Built for durability, it features a 4-vane cast iron impeller and a rigid mounted cast iron volute, ensuring long-lasting performance. The silicon carbide mechanical seal provides reliable protection. The pump also includes a 2.6-liter fuel tank and uses SAE10W-30 oil for optimal operation, with a compression ratio of 8.5:1 for efficient performance.

1.4.10 BON-P-WP2.0-420HL The BON-P-WP2.0-420HL gasoline water pump is a cast iron self-priming high lift pump, engineered for high- efficiency water transfer in demanding applications. Powered by a 14 HP engine running at 3600 rpm, it delivers a maximum pumping capacity of 30,000 liters per hour, making it ideal for irrigation, drainage, and large-scale water handling. With a 2-inch suction and discharge diameter, this pump ensures optimal water flow and is designed for reliable and efficient operation. The pump is capable of achieving a total elevation of 95 meters and has a suction height of 7 meters, allowing it to handle long-distance water lifting and transport. Built with a 4-vane cast iron impeller and rigid mounted cast iron volute, it ensures durability and long-term performance. The silicon carbide mechanical seal provides reliable protection and smooth functioning. The 6-liter fuel tank and SAE10W-30 oil contribute to efficient operation, and the compression ratio of 8.5:1 ensures optimal power and performance.

1.4.11 BON-P-WP3.0-420HL The BON-P-WP3.0-420HL gasoline water pump is a cast iron self-priming high lift pump, designed for high-capacity water transfer in demanding conditions. Powered by a 14 HP engine running at 3600 rpm, it provides a maximum pumping capacity of 45,000 liters per hour, making it perfect for large-scale irrigation, drainage, and water supply applications. With a 3-inch suction diameter and multiple discharge diameters (2.5/1.5/1.5 inches), this pump offers flexible water discharge options. The pump features a total elevation of 75 meters and a suction height of 7 meters, ensuring efficient water lifting and transport over long distances. Built for durability, the pump is equipped with a 4-vane cast iron impeller and a rigid mounted cast iron volute, ensuring long-lasting performance. The silicon carbide mechanical seal provides reliable protection and smooth operation. With a 6-liter fuel tank and SAE10W-30 oil, this pump operates efficiently, with a compression ratio of 8.5:1 ensuring optimal performance.

1.4.12 BON-P-WP2.0-196CH The BON-P-WP2.0-196CH gasoline chemical pump is a plastic self-priming pump designed specifically for handling chemical and corrosive liquids. Powered by a 6.5 HP engine running at 3900 rpm, it delivers a maximum pumping capacity of 35,000 liters per hour, making it ideal for chemical



processing, irrigation, and water treatment applications. With a 2-inch suction and discharge diameter, this pump ensures efficient fluid transfer and is built to handle challenging pumping tasks. It offers a total elevation of 30 meters and a suction height of 7 meters, providing optimal performance for long-distance fluid transport. Equipped with a 2.6-liter fuel tank and recommended to use SAE10W-30 oil, the pump operates efficiently and reliably. Its self-priming design ensures ease of use, making it a reliable choice for chemical pumping applications that require durability and high performance.

1.4.13 BON-P-WP2.0-196TR The BON-P-WP2.0-196TR gasoline garbage pump is a self-priming pump designed for efficiently handling water mixed with debris and solids. Powered by a 6.5 HP engine running at 3900 rpm, it offers a maximum pumping capacity of 35,000 liters per hour, making it ideal for drainage, flood control, and handling wastewater with debris. Featuring a 2-inch suction and discharge diameter, this pump ensures optimal flow and reliable operation even when dealing with dirty or contaminated water. It provides a total elevation of 30 meters and a suction height of 6 meters, making it suitable for long-distance water transfer. Equipped with a 2.6-liter fuel tank and recommended to use SAE10W-30 oil, the pump ensures efficient operation. Its self-priming design ensures ease of use, making it a reliable choice for handling challenging pumping conditions.

1.4.14 BON-P-WP3.0-196TR The BON-P-WP3.0-196TR gasoline trash pump is a self-priming pump designed for handling water mixed with trash, debris, and solids. Powered by a 6.5 HP engine running at 3900 rpm, it provides a maximum pumping capacity of 55,000 liters per hour, making it ideal for flood control, drainage, and sewage pumping tasks in challenging environments. With a 3-inch suction and discharge diameter, this pump offers efficient fluid transfer while effectively handling larger debris. The pump features a total lift of 25 meters and a suction height of 6 meters, providing excellent water lifting power. Equipped with a 2.6-liter fuel tank and recommended to use SAE10W-30 oil, the pump ensures efficient operation for extended periods. Its self-priming design makes it easy to start and operate, making it a reliable choice for heavy-duty pumping applications.

1.5 Gasoline Engines Bonhoeffer Machines' Gasoline Engines are designed to deliver high performance, reliability, and fuel efficiency across a wide range of applications. Built for durability and power, these engines are ideal for use in agricultural machinery, water pumps, tillers, and other heavy-duty equipment. They are engineered with advanced technology to ensure smooth operation, low maintenance, and long-lasting reliability. Perfect for both professional and personal use, Bonhoeffer gasoline engines offer easy starting systems, optimal power output, and environmentally friendly operation, making them suitable for a variety of industrial and outdoor tasks. Whether you need a small engine for portable equipment or a high-power engine for larger machines, Bonhoeffer provides reliable solutions for all your gasoline engine needs. Here are the models of Bonhoeffer Gasoline Engines

1.5.1 BON-P-GE-3.0HP The BON-P-GE-3.0HP is a 3.0 HP gasoline engine designed with OHV (overhead valve) technology for improved performance and fuel efficiency. This 4-stroke engine features an air cooling system and provides a maximum power output at 4000 rpm. With a torque of 3.7 Nm, it delivers reliable power for various applications. The engine is equipped with a 1.2-liter fuel tank and a 500 ml oil tank, ensuring efficient operation for extended use. The retractable starting system makes it easy to start, while the recommended oil is SAE10W-30 for optimal performance.

1.5.2 BON-P-GE-3.5HP The BON-P-GE-3.5HP is a 3.5 HP gasoline engine that utilizes OHV technology for enhanced power output and fuel efficiency. It is a 4-stroke engine with an air cooling system and provides a maximum power of 4000 rpm. With a torque of 4.4 Nm, it delivers reliable performance across various uses. The engine has a fuel tank capacity of 1.25 liters and a 500 ml oil tank for efficient operation. It features a retractable starting

system and recommends the use of SAE10W-30 oil for smooth engine performance.

**1.5.3 BON-P-GE-5.0HP** The BON-P-GE-5.0HP is a 5.0 HP gasoline engine that utilizes OHV technology for improved efficiency and performance. This 4-stroke engine features an air cooling system and provides a maximum power output of 4000 rpm. With a torque of 7.2 Nm, it is designed to handle higher power demands. The engine is equipped with a 1.2-liter fuel tank and a 500 ml oil tank, ensuring long-lasting operation. The retractable starting system allows for easy operation, and the recommended oil is SAE10W-30 to maintain engine health and performance.

**1.5.4 BON-P-GE-4.0HP** The BON-P-GE-4.0HP is a 4.0 HP gasoline engine with OHV technology, designed for high performance and efficiency. This 4-stroke engine features an air cooling system and offers a torque of 6.5 Nm at a maximum power of 4000 rpm. With a 1.2-liter fuel tank and 500 ml oil tank, it ensures efficient operation. The retractable starting system and SAE10W-30 oil offer easy use and long-term reliability.

**1.5.5 BON-P-GE-7.0HP** The BON-P-GE-7.0HP is a 7.0 HP gasoline engine with a 208cc displacement and OHV technology. Featuring a 4-stroke design and an air cooling system, it provides a torque of 11.5 Nm. The engine is equipped with a 4.2-liter fuel tank and 600 ml oil tank, ensuring optimal performance. The retractable starting system makes it easy to operate, suitable for demanding applications requiring reliable power.

**1.5.6 BON-P-GE-9.0HP** The BON-P-GE-9.0HP is a 9.0 HP gasoline engine with a 270cc displacement. With OHV technology, a 4-stroke design, and air cooling, it delivers a torque of 17.5 Nm. It features a 7.5-liter fuel tank and a 1100 ml oil tank, ensuring efficient operation. The retractable starting system offers ease of use for various high-power applications.

**1.5.7 BON-P-GE-13.0HP** The BON-P-GE-13.0HP is a 13.0 HP gasoline engine with a 389cc displacement and OHV technology. This 4-stroke engine provides a torque of 26.0 Nm and features an air cooling system. With a 7.5-liter fuel tank and 1100 ml oil tank, it ensures sustained performance. The retractable starting system makes it user-friendly and reliable for heavy-duty operations.

**1.5.8 BON-P-GE-14.0HP** The BON-P-GE-14.0HP is a 14.0 HP gasoline engine with a 420cc displacement. Equipped with OHV technology, a 4-stroke design, and an air cooling system, it produces 27.0 Nm of torque. The engine has a 7.5-liter fuel tank and 1100 ml oil tank, offering long-lasting operation. The retractable starting system is designed for easy use in demanding tasks.

**1.5.9 BON-P-GE-16.0HP** The BON-P-GE-16.0HP is a 16.0 HP gasoline engine with OHV technology and a 4-stroke design. Featuring an air cooling system, it delivers a maximum power of 16.0 HP at 3900 rpm and a torque of 29 Nm. With a 7.5-liter fuel tank and 1100 ml oil tank, it offers efficient and reliable performance. The retractable starting system and SAE10W-30 oil ensure smooth operation.

**1.5.10 BON-P-GE-24.0HP** The BON-P-GE-24.0HP is a 24.0 HP V-Twin gasoline engine designed for professional quality applications. With a maximum power of 24.0 HP and a torque of 47 Nm, it provides exceptional performance. Featuring air cooling, heavy-duty coil type, and a gasoline alternator, it is built for tough, high-demand tasks. The engine includes a 7.5-liter fuel tank and 1500 ml oil tank, with an electric starting system for easy operation.

**1.5.11 BON-P-GE-34.0HP** The BON-P-GE-34.0HP is a 34.0 HP V-Twin gasoline engine with OHV technology, designed for heavy-duty industrial use. This 4-stroke engine offers a torque of 71 Nm and features a 7.5-liter fuel tank and 2500 ml oil tank for extended operation. The electric starting system and heavy-duty coil make it reliable for high-power applications that require optimal efficiency.