

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

Bonhoeffer Machines's 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 Bonhoeffter 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 (≤ 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 (≤ 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 (≤ 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

Bonhoeffer 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 418cm³ 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 149cm³ 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 208cm³ 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.

2. Bonhoeffer Industrial Segment

The Bonhoeffer Industrial Segment is dedicated to delivering high-performance machinery that meets the diverse needs of industries worldwide. Our range includes welding machines, centrifugal pumps, and submersible pumps, each designed with precision engineering and advanced technology to ensure reliability, durability, and efficiency. Bonhoeffer welding machines provide stable and

consistent performance for industrial fabrication, construction, and metalworking applications, ensuring strong and precise welds. Our centrifugal pumps are built for high-volume fluid transfer, offering excellent efficiency in water supply, irrigation, and industrial processes.

Meanwhile, our submersible pumps are designed for deep water extraction, wastewater management, and drainage solutions, delivering powerful performance even in challenging conditions. With a commitment to innovation and quality, Bonhoeffer provides industrial solutions that enhance productivity, reduce downtime, and deliver long-term value across multiple sectors.

Bonhoeffer Welding Machines – Precision and Durability for Every Application

Bonhoeffer Welding Machines are designed to meet the demands of professionals across various

industries, offering high precision, durability, and efficiency. Built with advanced technology, these

machines provide stable and consistent welding performance, ensuring strong and reliable welds in

every application. Whether for industrial fabrication, construction, automotive repairs, or

metalworking, Bonhoeffer Welding Machines deliver superior arc stability, energy efficiency, and

user-friendly operation. Engineered for both novice and experienced welders, these machines come

equipped with robust safety features, high-duty cycle capabilities, and durable construction to

withstand rigorous working conditions. With a range of models suitable for MIG, TIG, and arc

welding, Bonhoeffer offers reliable solutions for diverse welding needs, ensuring seamless and high-

quality results.

Here are the models to know

BON-WM-DUAL-200A – High-Performance Dual Voltage Welding Machine

The BON-WM-DUAL-200A is a powerful and versatile welding machine designed for both

professional and industrial applications. With dual voltage compatibility of 110V and 220V, it offers

flexibility across different power sources. The machine delivers an output current of 10-120A at

110V and 10-160A at 220V, ensuring stable and efficient welding performance. Its duty cycle of 30%

at 200A allows for continuous operation without overheating, making it ideal for demanding welding tasks. Compatible with electrode diameters ranging from $\Phi 1.6$ to $\Phi 5.0$ mm, this machine supports a wide range of welding applications. Built for reliability and efficiency, it operates across multiple voltage and frequency options, including 220V/60Hz, 220V/50Hz, and 240V/50Hz, making it a dependable solution for professionals seeking precision and durability in welding.

BON-WM-DUAL-130A – Compact and Efficient Welding Solution

The BON-WM-DUAL-130A is a compact and powerful welding machine designed for versatility and ease of use. Operating on dual voltage (110V/220V), this machine ensures adaptability across different power requirements. With a 130Amp IGBT MMA/Lift TIG capability, it provides precise and stable welding performance for various materials and applications. The advanced IGBT technology enhances energy efficiency, reducing power consumption while delivering strong and consistent welds. Whether for professional workshops or DIY projects, the BON-WM-DUAL-130A offers a reliable and user-friendly welding experience.

BON-WM-DUAL-160A – Versatile Welding Machine for Precision and Performance

The BON-WM-DUAL-160A is a high-efficiency welding machine built for superior performance in multiple applications. Equipped with 160Amp IGBT MMA/Lift TIG technology, it provides excellent welding stability and penetration. Its dual voltage support (110V/220V) allows users to operate the machine across different power settings, making it suitable for various environments. Designed for durability and precision, this welding machine ensures strong and clean welds, making it an excellent choice for professionals and hobbyists who require a reliable, high-performance welding solution.

Centrifugal Pump

Bonhoeffer Centrifugal Pumps – Efficient and Versatile Water Pumping Solutions

Bonhoeffer Centrifugal Pumps are designed to meet the diverse water pumping needs of domestic, agricultural, and industrial applications. These compact and efficient pumps ensure smooth water

supply for residential use while handling demanding industrial and agricultural tasks with ease.

Engineered for durability, Bonhoeffer's centrifugal pumps feature an electric motor with a fast

cooling system, enhancing performance and longevity. The inclusion of a brass impeller improves

efficiency, ensuring optimal water flow and high productivity. With 100% copper winding, these

pumps are built for long-term reliability, delivering consistent power while minimizing energy

consumption. Whether for irrigation, water transfer, or industrial use, Bonhoeffer Centrifugal Pumps

provide a dependable and efficient solution for all pumping requirements.

Here are the models to know

BON-P-CP-0.5HP – Compact and Efficient Centrifugal Pump

The BON-P-CP-0.5HP is a reliable and compact centrifugal pump designed for domestic and light

industrial applications. With a 0.5 HP motor and a 100% copper core, this pump ensures energy

efficiency and long-lasting performance. It operates at 110V or 220V, providing flexibility in various

power settings. Capable of pumping water up to a height of 18 meters, this pump is ideal for

household water supply, irrigation, and other low to medium-range pumping tasks. Its durable

construction and efficient motor make it a cost-effective solution for everyday water transfer needs.

BON-P-CP-2.0HP – High-Power Centrifugal Pump for Industrial Use

The BON-P-CP-2.0HP is a powerful centrifugal pump designed for agricultural, commercial, and

industrial applications requiring high water flow. Equipped with a 2.0 HP motor and a 100% copper

core, this pump delivers exceptional efficiency and durability. Operating at 220V with a frequency of

60 Hz, it ensures stable and reliable performance. With a pumping height of 20 meters, it is ideal for

large-scale irrigation, water supply systems, and heavy-duty industrial processes. Its robust

construction and energy-efficient design make it a perfect choice for demanding water transfer

applications.

BON-P-CP-1.0HP – Versatile and Durable Centrifugal Pump

The BON-P-CP-1.0HP centrifugal pump is designed to handle a variety of domestic, agricultural, and

industrial water pumping needs. With a 1.0 HP engine and a 100% copper core, this pump ensures superior performance, longevity, and energy efficiency. It operates at 110V or 220V, offering flexibility in different power setups. With an impressive pumping height of 30 meters, it is well-

suited for deep well applications, irrigation, and water distribution systems. Its high efficiency, durable build, and strong motor make it an excellent choice for those requiring a dependable and high-capacity water pumping solution.

Submersible Pumps

Bonhoeffer Submersible Pumps – High-Performance Water Pumping Solutions

Bonhoeffer Submersible Pumps are designed for high-pressure water extraction, making them ideal for borewells, underground water sources, and large-scale dewatering applications. Built for

durability and efficiency, these pumps feature brass inlets and outlets to prevent oxidation, ensuring

long-term reliability even in harsh conditions. The POM impellers enhance operational efficiency by

providing smooth water flow with minimal energy consumption. Equipped with a 100% copper

winding motor, Bonhoeffer submersible pumps offer superior resistance to high temperatures,

ensuring consistent and long-lasting performance. Whether for agricultural irrigation, industrial

water transfer, or deep-well applications, these pumps provide powerful, efficient, and

maintenance-free operation for various water management needs.

Here are the models to Know

BON-P-SP-0.5HP – Compact and Efficient Submersible Pump

The BON-P-SP-0.5HP is a high-performance submersible pump designed for residential and small-

scale agricultural applications. With a 0.5 HP motor and a 100% copper core, it ensures durability,

energy efficiency, and resistance to high temperatures. Capable of pumping water up to 45 meters,

this model is ideal for shallow borewells and domestic water supply. Operating at 127V or 220V, it

offers flexibility in power options, making it a reliable choice for efficient underground water

extraction.

BON-P-SP-1.0HP – Powerful Submersible Pump for Deep Water Extraction

The BON-P-SP-1.0HP is a versatile and high-efficiency submersible pump designed for deep well and

borewell applications. With a 1.0 HP motor and a 100% copper core, it provides excellent

performance and longevity while ensuring resistance to overheating. With a pumping height of 81

meters, this pump is ideal for deep water lifting in agricultural, residential, and industrial settings.

Operating at 127V or 220V, it offers flexible installation options for various power supplies.

BON-P-SP-3.0HP – Heavy-Duty Submersible Pump for Industrial Use

The BON-P-SP-3.0HP is a high-capacity submersible pump designed for deep borewell and large-

scale water extraction applications. Powered by a 3.0 HP motor with a 100% copper core, it delivers

exceptional efficiency, high durability, and resistance to extreme conditions. Capable of pumping

water up to 138 meters, this pump is ideal for irrigation, industrial water supply, and large-scale

dewatering needs. Operating on 127V or 220V, it ensures powerful and uninterrupted performance

even in demanding environments.

BON-P-SP-2.0HP – High-Performance Submersible Pump for Deep Wells

The BON-P-SP-2.0HP is a durable and energy-efficient submersible pump, perfect for agricultural,

commercial, and industrial water supply applications. With a 2.0 HP motor and a 100% copper core,

it ensures smooth operation, low energy consumption, and long-lasting durability.

Designed to pump

water up to 130 meters, this model is suitable for deep borewells, ensuring a consistent water

supply for irrigation, construction, and household needs. Operating at 127V or 220V, it provides a

reliable and powerful water extraction solution.

BON-P-SP-1.5HP – Efficient and Reliable Submersible Pump

The BON-P-SP-1.5HP is a versatile and robust submersible pump, designed for deep water extraction

and continuous operation. With a 1.5 HP motor and a 100% copper core, it provides high efficiency,

durability, and optimal power consumption. Capable of lifting water up to 117 meters, this pump is

ideal for agriculture, domestic water supply, and industrial applications. Compatible with 127V or 220V power sources, it offers flexibility, reliability, and long-term performance for diverse water

3.Construction

Bonhoeffer Machines's Construction equipment is designed to meet the demands of construction sites, infrastructure projects, and heavy-duty applications. The range includes powerful machines and tools for earthmoving, demolition, material handling, and site preparation. Built for durability and performance, these machines are ideal for tasks such as excavating, lifting, compacting, and mixing. With a focus on reliability, efficiency, and user-friendly operation, Bonhoeffer's construction equipment ensures maximum productivity and safety in even the toughest environments.

6.1 Tamping Rammers –

Bonhoeffer Machines's Tamping Rammers are designed for compact and efficient soil compaction, making them ideal for construction and roadwork applications. These rammers are built to handle tough jobs, providing high-impact force to compact soil, sand, gravel, and other materials. With their durable construction and easy maneuverability, Bonhoeffer tamping rammers ensure consistent results in compacting trenches, backfills, and foundation preparations. Their ergonomic design reduces operator fatigue while delivering optimal compaction power for both small and large-scale projects.

Here are the models of Tamping Rammers-

6.1.1 Model BON-P-TR-13.7KN-4.0HP Tamping Rammer

The BON-P-TR-13.7KN-4.0HP tamping rammer is equipped with a 4.0 HP gasoline engine and a 4-stroke motor, designed for efficient soil compaction. With a maximum impact force of 13.7 kN and a

jumping stroke of 8.5 cm, it delivers powerful performance for compacting various materials. The rammer operates at 640-680 blows per minute to ensure consistent results. Featuring a manual starting system and a compact design (34.5 x 28.5 cm), it is perfect for construction and roadwork applications that require high-impact compaction in tight spaces.

6.1.2 Model BON-P-TR-10KN-4.0HP Tamping Rammer

The BON-P-TR-10KN-4.0HP tamping rammer features a 4.0 HP gasoline engine with a 4-stroke design for efficient soil compaction. It delivers a maximum impact force of 10 kN and a jumping blow height of 6.5 cm, making it ideal for compacting soils and other materials. The rammer operates at 450-650 blows per minute, providing consistent performance. With a manual starting system and a compact size (34.5 x 28.5 cm), it is perfect for construction, roadwork, and tight spaces that require powerful, high-impact compaction.

6.2 Plate Compactors –

Bonhoeffer Machines' Plate Compactors are designed for efficient and reliable compaction of soil, sand, gravel, and asphalt. These machines are ideal for construction, roadwork, and landscaping applications that require uniform compaction in smaller spaces. Built for durability, these

compactors offer high-performance operation with easy maneuverability. They provide a consistent impact to ensure stable foundation preparation and smooth surface finishes, making them perfect for tasks like paving, trenching, and backfilling. Here are the models of Plate Compactors-

6.2.1 Model BON-P-PC-10.5KN-6.5HP

The BON-P-PC-10.5KN-6.5HP plate compactor is powered by a 6.5HP petrol engine with a fuel gauge, offering high performance for various compaction tasks. With a centrifugal force of 10.5 kN and a compaction depth of 20 cm, it delivers efficient and effective compaction for soil, sand, gravel, and

asphalt. The machine operates at a frequency of 5600 vpm and a speed of 40 cm/s, making it suitable for large area compaction with an efficiency of 450 m²/hr. The 50x36 cm base size, foldable handle, and protective frame ensure ease of use, durability, and portability.

6.2.2 Model BON-P-PC-15KN-6.5HP

The BON-P-PC-15KN-6.5HP plate compactor is powered by a 6.5HP petrol engine with a fuel gauge, delivering high compaction force for tough tasks. With a centrifugal force of 15 kN and a compaction depth of 30 cm, it is designed for heavy-duty soil and material compaction. The machine operates at a frequency of 4200 vpm and features a 55x44 cm base size for increased coverage. Equipped with a folding handle and a protective frame, it ensures easy storage, portability, and durability during use.

6.2.3 BON-P-PC-11KN-6.5HP Plate Compactor

The BON-P-PC-11KN-6.5HP plate compactor is powered by a 6.5HP petrol engine with a fuel gauge, offering strong compaction performance. With a centrifugal force of 11 kN and a compaction depth of 25 cm, it is ideal for medium-duty compaction tasks. Operating at 5700 vpm, it achieves a speed of 36.7 cm/s and efficiency of 462 m²/hr, ensuring fast and effective coverage. The 45x35 cm base size, foldable handle, and protective frame make it easy to store, transport, and use.

6.3 Concrete Cutters –

Bonhoeffer Machines's Concrete Cutters are designed for precise and efficient cutting of concrete, asphalt, and other hard materials. These machines are perfect for construction, roadwork, and demolition tasks, ensuring clean, accurate cuts for creating expansion joints, trenches, or repairs. Built with powerful engines, they provide high durability and reliable performance even in tough working environments. User-friendly features, such as adjustable cutting depths and easy maneuverability, make them a great choice for both small and large-scale projects.

Here are the models of Concrete Cutters-

6.3.1 Model BON-P-CC-14CM-13HP

The BON-P-CC-14CM-13HP concrete cutter is powered by a 13 HP engine, providing high-performance cutting for a variety of concrete and asphalt applications. The manual starting system ensures reliable operation, while the maximum cutting depth of 14 cm allows for precise cuts. The sheet size ranges from 30 to 45 cm, and the depth adjustment is easily made with a handle rotation. Designed for manual push operation, it is equipped with a 35-liter water tank to reduce dust and improve cutting efficiency.

6.3.2 Model BON-P-CC-15CM-13HP

The BON-P-CC-15CM-13HP concrete cutter is equipped with a 13 HP engine, offering strong cutting power for concrete and asphalt. Featuring a manual starting system, it provides a maximum cutting depth of 15 cm for precise work. The sheet size ranges from 30 to 45 cm, and the depth adjustment is easily controlled with handle rotation. Designed for manual push operation, it is equipped with a 30-liter water tank to manage dust and ensure smooth cutting performance.

6.4 Concrete Vibrators –

Bonhoeffer Machines's Concrete Vibrators are designed to improve the quality and durability of concrete structures by effectively eliminating air pockets and ensuring uniform consistency during pouring. These vibrators are ideal for use in construction, foundations, and paving applications. With powerful motors and adjustable vibration levels, they provide optimal results for compacting concrete, improving strength and finish. Their durability and easy-to-use design make them an essential tool for any construction site.

Here are the models of Concrete Vibrators-

6.4.1 Model BON-P-CV-6M-6.5HP

The BON-P-CV-6M-6.5HP concrete vibrator features a 6-meter vibrating head for

effective concrete compaction. Powered by a 6.5HP gasoline engine (with an oil gauge) and a 4-stroke engine type, it delivers reliable performance for large-scale construction

projects. The vibrating head diameter ranges from 28-70mm, offering versatility for different concrete pouring needs. Please note, the price is listed without the vibrator poker.

6.5 Concrete Power Trowels –

Bonhoeffer Machines' Concrete Power Trowels are designed for smoothing and finishing concrete surfaces, ensuring a high-quality, durable finish. These machines are ideal for use on large concrete slabs in construction, industrial, and commercial applications. With high-speed rotating blades, they effectively level, smooth, and polish concrete, providing a professional-grade finish. Their ergonomic design and powerful engines ensure ease of operation and efficiency, making them essential for large-scale concrete finishing tasks.

6.5.1 Model BON-PT-6.5HP

The BON-PT-6.5HP concrete power trowel is equipped with a 196cc engine (optional Honda GX160), a 4-stroke air-cooled, single-cylinder engine providing 4.1 kW (6.5 HP) of power. Weighing 78 kg (171 lbs), it features a 91 cm (36-inch) rotor diameter with 4 blades for efficient concrete finishing. The blades have a 35 x 15 cm (13.8 x 5.9-inch) finishing size, ensuring smooth and uniform results. It also offers the option of a floating tray for enhanced stability and performance.

6.5.2 Model BON-SFS-38CC

The BON-SFS-38CC concrete screed is powered by a 37.7cc 2-stroke air-cooled engine (optional Honda GX35), providing 0.9 kW (1.2 HP) of power for efficient concrete leveling.

It is designed to be versatile, with multiple blade size options ranging from 1.22m to 4.88m, allowing for customization based on the specific needs of the project. The screed is ideal for smooth and even finishing of concrete surfaces, ensuring optimal results on various concrete

slabs.

4.Diesel machines

Bonhoeffer Machines offers a high-performance range of diesel-powered machines, including diesel

water pumps, engines, and generators, designed for reliability and efficiency. Our diesel water

pumps provide powerful water transfer solutions for agriculture, construction, and industrial use.

Our diesel engines are built for durability and optimal fuel efficiency, making them ideal for various

applications. Additionally, our diesel generators deliver consistent and dependable power, ensuring

uninterrupted operations in remote locations or during outages. With a focus on quality and

performance, Bonhoeffer Machines provides robust diesel solutions tailored to your needs.

Our Bonhoeffer Diesel Machines Models Are -

BON-P-DWP2.0-5.0HP

The BON-P-DWP2.0-5.0HP is a high-performance self-priming pump designed for efficient water

transfer. With a powerful 5 HP engine operating at 3600 RPM, it delivers a maximum pumping

capacity of 16,000 liters per hour, making it ideal for agricultural, industrial, and commercial

applications. Equipped with a retractable starting system, it ensures easy and reliable operation. The

pump features a 2-inch suction and discharge diameter, allowing for smooth water flow, while its

total elevation capacity of 12 meters ensures effective water lifting in various conditions. Built for

durability and efficiency, this pump is a reliable solution for demanding water transfer needs.

BON-P-DWP3.0-5.5HP

The BON-P-DWP3.0-5.5HP is a self-priming diesel water pump designed for efficient water transfer.

Powered by a 5.5 HP engine running at 3600 RPM, it delivers a maximum pumping capacity of

30,000 liters per hour. With a 3-inch suction and discharge diameter, it offers a total elevation of 13

meters and a suction height of 8 meters, making it ideal for agricultural, construction, and industrial applications. The pump comes with a retractable start system, with an optional electric start for added convenience.

BON-P-DWP4.0-10.0HP

Built for high-performance water transfer, the BON-P-DWP4.0-10.0HP features a self-priming pump with an 8.6 HP engine running at 3600 RPM. Capable of pumping up to 50,000 liters per hour, it is equipped with a 4-inch suction and discharge diameter, ensuring efficient water flow. With a total elevation of 15 meters and suction height of 8 meters, it is ideal for large-scale irrigation, drainage, and industrial use. The retractable start system can also be upgraded to an electric start for added convenience.

BON-P-DWP2.0-10.0HP

The BON-P-DWP2.0-10.0HP is a non-self-priming diesel water pump engineered for high-pressure applications. With a 10 HP engine running at 3600 RPM, it can pump up to 25,000 liters per hour with a total elevation of 68 meters, making it suitable for water distribution in hilly terrains and long-distance pumping. It features a 2-inch suction and discharge diameter and a suction height of 8 meters. This model comes with an electric start system (without battery) for ease of operation.

BON-P-DWP3.0-10.5HP

Designed for powerful water transfer, the BON-P-DWP3.0-10.5HP is a non-self-priming diesel water pump equipped with a 10.5 HP engine operating at 3600 RPM. It boasts a maximum pumping capacity of 45,000 liters per hour, a total elevation of 90 meters, and a suction height of 8 meters, making it suitable for high-lift irrigation and large-scale water distribution. The 3-inch suction and discharge diameter ensure a steady water flow, while the cast iron centrifugal pump construction provides durability and long-lasting performance. It features a retractable start system, with an

option for an electric start for enhanced usability.

Diesel Generators

Bonhoeffler Diesel Generators are designed to deliver uninterrupted power supply with superior efficiency and durability. Engineered for both industrial and commercial applications, these generators provide a reliable solution for backup and continuous power needs. With robust diesel engines, they offer long operational life, fuel efficiency, and high-performance output, making them ideal for heavy-duty applications.

Bonhoeffler Diesel Generators come in various power capacities to meet diverse energy requirements, ensuring stable power for construction sites, factories, agricultural operations, and emergency backup solutions. Their advanced design incorporates features such as efficient cooling systems, low fuel consumption, and noise-reduction technology, enhancing overall performance and user convenience.

Equipped with high-quality alternators and control panels, Bonhoeffler Diesel Generators ensure smooth power delivery and easy operation. Whether for off-grid locations, emergency power backup, or continuous industrial usage, these generators provide a dependable and cost-effective solution for uninterrupted power supply.

Here are the model to know

BON-P-DG-6.0KW – Efficient and Reliable Power Solution

The BON-P-DG-6.0KW diesel generator is a powerful and efficient energy solution designed for various industrial and commercial applications. With a maximum power output of 6.0 KW and a rated power of 5.5 KW, it ensures consistent and stable electricity supply. Operating at a frequency of 50 or 60 Hz, this generator is powered by a robust 9 HP, 4-stroke engine, ensuring durability and long-lasting performance. Its fuel tank capacity of 12.5 liters allows extended operation, while the 1.65-liter oil tank ensures smooth engine lubrication. Equipped with a retractable starting system with an optional electric start, this model offers convenience and reliability, making it ideal for both

backup and primary power needs.

BON-P-DG-3.5KW – Compact and Efficient Power Backup

The BON-P-DG-3.5KW diesel generator is a compact and efficient power source, designed to provide reliable backup power for residential, commercial, and small industrial applications. It features a fuel-efficient engine that delivers stable power output, ensuring smooth operation of essential appliances and machinery. With its user-friendly starting mechanism and durable construction, this generator is an excellent choice for those looking for a dependable power solution in emergencies or

remote locations. Its high-performance capabilities, combined with low maintenance requirements,

make it a practical investment for continuous and backup power needs.

BON-P-DG-6.5KW – High-Performance Diesel Generator

The BON-P-DG-6.5KW is a high-powered diesel generator built for demanding applications that require a stable and reliable power supply. With a maximum power output of 6.5 KW and a rated power of 6.0 KW, this generator is equipped with a 13 HP, 4-stroke engine that ensures efficient fuel consumption and long operational life. It operates at a frequency of 50 or 60 Hz, making it suitable for various power requirements. The 12.5-liter fuel tank supports prolonged operation, while the 1.65-liter oil tank ensures optimal engine performance. Designed with an electric starting system for effortless operation, this model is ideal for industries, construction sites, and commercial setups that demand a continuous and dependable power source.

BON-P-DG-3.0KW – Compact and Reliable Power Solution

The BON-P-DG-3.0KW diesel generator is a compact yet powerful solution for residential and small commercial power backup needs. With a maximum power output of 3.0 KW and a rated power of 2.8 KW, it ensures stable and efficient performance. Operating at 50 or 60 Hz, this generator is powered by a durable 6 HP, 4-stroke engine, making it both fuel-efficient and reliable. Its 12.5-liter fuel tank allows for extended runtime, while the 1.1-liter oil tank ensures proper lubrication for long-

lasting engine performance. The retractable starting system, with an optional electric start, enhances ease of use, making it an excellent choice for those in need of a dependable power backup.

BON-P-DG-9.0KW – High-Powered Diesel Generator for Industrial Use

The BON-P-DG-9.0KW diesel generator is designed for industries and businesses requiring a

powerful and uninterrupted power supply. With a maximum output of 9.0 KW and a rated power of

8.0 KW, this generator is equipped with a robust 18.3 HP, 4-stroke engine for optimal performance.

Operating at 50 or 60 Hz, it offers a stable power output suitable for heavy-duty applications. The

25-liter fuel tank ensures extended operation, while the 3.15-liter oil tank supports smooth engine

performance. Featuring an electric starting system, this generator provides hassle-free operation,

making it ideal for industrial, commercial, and large-scale backup power requirements.

BON-P-DG-10.0KW – Powerful and Efficient Diesel Generator

The BON-P-DG-10.0KW is a high-capacity diesel generator built for demanding applications that

require a stable and continuous power supply. Delivering a maximum power of 10.0 KW and a rated

power of 9.5 KW, this generator is powered by an 18.3 HP, 4-stroke engine, ensuring exceptional

performance and fuel efficiency. It operates at a frequency of 50 or 60 Hz, making it suitable for

various industrial and commercial settings. With a 25-liter fuel tank for extended operation and a

3.15-liter oil tank for optimal engine maintenance, this model guarantees reliability.

Equipped with

an electric starting system, it provides ease of use and efficiency, making it a preferred choice for

heavy-duty applications requiring consistent power.

Bonhoeffler Diesel Engines

Bonhoeffler Diesel Engines are designed to deliver exceptional performance, durability, and

efficiency for a wide range of industrial, agricultural, and commercial applications.

Built with

advanced engineering and robust materials, these engines provide high power output, fuel

efficiency, and long operational life, making them a preferred choice for heavy-duty machinery and equipment. Featuring 4-stroke technology and air-cooling systems, Bonhoeffer Diesel Engines ensure optimal performance while preventing overheating, even in the most demanding environments. With various power capacities and configurations, they cater to diverse operational needs, offering reliable solutions for power generation, construction, and farming equipment. Whether for continuous use or backup power, Bonhoeffer Diesel Engines stand as a benchmark for reliability and efficiency in the industry.

BON-P-DE-5.5HP – Compact and Efficient Diesel Engine

The BON-P-DE-5.5HP is a high-performance 4-stroke diesel engine designed for efficiency and reliability. With a maximum power output of 5.5 HP at 3600 RPM, it is ideal for various applications requiring a compact yet powerful engine. Its air-cooling system ensures optimal temperature regulation, while the 73x59 mm cylinder diameter enhances durability and performance. The engine features a 2.5-liter fuel tank for extended operation and a 0.75-liter oil tank for smooth lubrication.

With a retractable starting system and an optional electric start, this model provides ease of use and dependable functionality in demanding conditions.

BON-P-DE-5.0HP – Reliable Air-Cooled Diesel Engine

The BON-P-DE-5.0HP is a robust air-cooled, single-cylinder, vertical 4-stroke diesel engine designed for versatility and durability. Delivering 5.0 HP of power at 3600 RPM, it ensures efficient and steady performance across multiple applications. The dry filter system enhances air filtration, prolonging engine life and maintaining optimal performance. With a displacement of 0.227, this engine is engineered for fuel efficiency and reliability. Equipped with a recoil starter for easy ignition, it is an excellent choice for various industrial and agricultural machinery.

BON-P-DE-6.0HP – Powerful and Fuel-Efficient Diesel Engine

The BON-P-DE-6.0HP is a reliable 4-stroke diesel engine designed for high performance and

durability. With a maximum power of 6.0 HP at 3600 RPM, it is built to handle tough applications with ease. Featuring an air-cooling system and a cylinder diameter of 78x62 mm, this engine ensures efficient heat dissipation for long-lasting operation. Its 3.5-liter fuel tank supports extended use, while the 1.1-liter oil tank ensures smooth lubrication. The retractable starting system, with an optional electric start, provides convenience and reliability, making it a preferred choice for heavy-duty tasks.

BON-P-DE-9.0HP – High-Performance Diesel Engine for Demanding Applications

The BON-P-DE-9.0HP is a powerful and fuel-efficient 4-stroke diesel engine engineered for superior performance. Delivering a maximum power of 9.0 HP at 3600 RPM, it is ideal for applications requiring high power output. The air-cooling system ensures optimal temperature control, while the 86x70 mm cylinder diameter enhances engine efficiency and durability. Equipped with a 5.5-liter fuel tank for prolonged operation and a 1.65-liter oil tank for smooth lubrication, this engine provides exceptional reliability. Its retractable starting system, with an optional electric start, offers ease of use, making it a perfect fit for industrial and agricultural machinery.

BON-P-DE-10.2HP – Heavy-Duty Diesel Engine for Industrial Use

The BON-P-DE-10.2HP is a high-power diesel engine designed to deliver exceptional performance and durability. With a maximum output of 10.2 HP at 3600 RPM, it is built for heavy-duty applications that require consistent and powerful operation. The engine features a 4-stroke design,

ensuring fuel efficiency and long-term reliability. Equipped with a 5.5-liter fuel tank, it offers extended operational hours, while the efficient cooling system maintains optimal engine temperature. Its retractable starting system, with an optional electric start, enhances user convenience, making it an excellent choice for commercial and industrial applications.

BON-P-DE-11.0HP – High-Powered Diesel Engine for Maximum Efficiency

The BON-P-DE-11.0HP is a premium 4-stroke diesel engine designed for maximum efficiency and

durability. With an impressive 11.0 HP power output at 3600 RPM, this engine is built for demanding applications that require superior performance. Its air-cooling system ensures effective heat dissipation, while the 92x75 mm cylinder diameter enhances engine longevity. The 5.5-liter fuel tank provides extended operation, and the 1.65-liter oil tank ensures smooth lubrication for long-term use. Featuring a retractable starting system with an optional electric start, this engine offers reliability and ease of use, making it a powerful solution for industrial, agricultural, and commercial applications.

BON-P-DE-18.3HP – High-Performance Diesel Engine for Industrial Use

The BON-P-DE-18.3HP diesel engine is designed for heavy-duty applications that demand consistent power and efficiency. Delivering a maximum output of 18.3 HP at 3600 RPM, this 4-stroke engine ensures high performance with durability. Its air-cooling system prevents overheating, making it suitable for prolonged operations. With a cylinder diameter of 97x75 mm, the engine is engineered for optimal combustion and fuel efficiency. The 7-liter fuel tank allows for extended usage, while the 3.15-liter oil tank ensures smooth operation and long engine life. Featuring a retractable starting system with an optional electric start, this model provides reliability and convenience for industrial, agricultural, and commercial applications.

BON-P-DE-18.3HP – Heavy-Duty Diesel Engine with Superior Efficiency

The BON-P-DE-18.3HP is a powerful and fuel-efficient 4-stroke diesel engine built to handle demanding tasks with ease. With a maximum power output of 18.3 HP at 3600 RPM, this engine ensures superior performance for a wide range of industrial and commercial applications. The air-cooling system enhances durability by maintaining optimal operating temperatures, while the 97x75 mm cylinder diameter contributes to efficient power delivery. Its 7-liter fuel tank supports extended operation, and the 3.15-liter oil tank keeps the engine well-lubricated for long-lasting reliability. Designed with a retractable starting system and an optional electric start, this engine is an ideal

solution for those seeking a powerful and dependable power source.

5.Domestic and commercial products

Domestic and Commercial Products at Bonhoeffer Machines include a range of equipment designed for both home use and business applications. These products offer versatility, reliability, and performance, catering to various needs such as cleaning, water management, gardening, and power generation. Whether for small-scale residential use or larger commercial operations, Bonhoeffer's domestic and commercial solutions are built to optimize efficiency, ensuring high-quality results with easy operation and long-lasting durability.

5.1 Gasoline Pressure Washers –

Bonhoeffer Machines's Gasoline Pressure Washers provide high-power cleaning solutions for heavy-duty tasks in commercial and industrial settings. Powered by gasoline engines, these washers deliver strong water pressure to effectively remove dirt, grime, and stains from a variety of surfaces. Built for mobility and durability, they are perfect for large-scale cleaning projects, construction sites, agriculture, and vehicle maintenance. Bonhoeffer's gasoline pressure washers ensure reliable performance and long-lasting operation even in demanding environments.

Here are the models of Gasoline Pressure Washers-

5.1.1 Model BON-P-PW-G6.5HP-AP

The BON-P-PW-G6.5HP-AP gasoline pressure washer is a high-performance cleaning solution designed for tough jobs. Powered by a 6.5HP/196CC engine, it delivers a maximum pressure of 2800 PSI (193 BAR) and a maximum flow rate of 11.3L/min (3.0 GPM) for efficient and powerful cleaning.

The washer features a commercial-grade axial pump, ensuring durability and reliability for heavy-duty applications. Ideal for construction sites, vehicle cleaning, and industrial cleaning tasks, this pressure washer offers optimal power and versatility.

5.1.2 Model BON-P-PW-6.5HP-TP

The BON-P-PW-6.5HP-TP gasoline pressure washer is a high-performance cleaning tool powered by a 6.5HP/196CC engine. It offers a maximum pressure of 3000 PSI (206 BAR) and a maximum flow rate of 12.5L/min (3.3 GPM), ensuring powerful and efficient cleaning. The washer is equipped with a professional-grade triplex pump, providing exceptional durability and reliability for demanding tasks. Ideal for industrial, commercial, and heavy-duty cleaning applications, this pressure washer delivers optimal performance for tough jobs.

5.1.3 Model BON-P-PW-G6.5HP-TP

The BON-P-PW-G6.5HP-TP gasoline pressure washer is powered by a 6.5 HP/196cc OHV engine with low oil protection for enhanced durability. It delivers a maximum pressure of 3000 PSI (206 BAR) and a maximum flow rate of 12.5 L/min (3.3 GPM), ensuring efficient and powerful cleaning. The washer is equipped with a commercial-grade triplex pump and comes with a 7.14mm x 10m high-pressure

hose, making it ideal for demanding, heavy-duty tasks. Perfect for industrial and professional cleaning applications, it offers reliable performance and long-lasting efficiency.

5.1.4 Model BON-P-PW-G9.0HP-TP

The BON-P-PW-G9.0HP-TP gasoline pressure washer is powered by a 9.0 HP/270cc OHV engine with low oil protection for increased reliability. It offers a maximum pressure of 3400 PSI (235 BAR) and a maximum flow rate of 15.0 L/min (4.0 GPM), making it ideal for heavy-duty cleaning tasks. The washer features a commercial-grade TRFplex pump, providing exceptional performance and durability. Perfect for industrial, professional, and high-intensity cleaning applications, it ensures efficient operation for tough jobs.

5.1.5 Model BON-P-PW-G13.0HP-TP

The BON-P-PW-G13.0HP-TP gasoline pressure washer is powered by a 13.0 HP/389cc OHV engine

with low oil protection for enhanced durability. It delivers a maximum pressure of 3600 PSI (248 BAR) and a maximum flow rate of 17.0 L/min (4.5 GPM), providing superior cleaning power. Equipped with a commercial-grade TRFplex pump, this washer is designed for heavy-duty applications, ensuring reliable performance and long-lasting efficiency for demanding cleaning tasks.

5.2 Pressure Washers for Home Use –

Bonhoeffer Machines's Pressure Washers for Home Use are designed for efficient and convenient cleaning around the house. These washers provide optimal pressure and flow to tackle everyday tasks like car washing, driveway cleaning, and outdoor maintenance. They are lightweight, easy to use, and feature compact designs, making them ideal for homeowners looking for powerful yet portable cleaning solutions. With user-friendly features and reliable performance, these pressure washers ensure quick and effective cleaning for all your household needs.

Here are the models of Pressure Washers for Home Use-

5.2.1 Model BON-E-PW-1400W

The BON-E-PW-1400W is a 1400W electric pressure washer designed for efficient cleaning tasks. Operating at 127 volts and 60 Hz, it features a brush motor for durable performance. The washer provides a working pressure of 70 bar with a maximum pressure of 105 bar, delivering a flow rate of 5.5 liters per minute. Ideal for home use, it offers powerful cleaning performance for a variety of tasks like car washing, patio cleaning, and more.

5.2.2 Model BON-E-PW-1600W

The BON-E-PW-1600W is a 1600W electric pressure washer designed for effective cleaning. Operating at 127 volts and 60 Hz, it features a brush motor for consistent power. With a working pressure of 90 bar and a maximum pressure of 135 bar, it delivers a flow rate of 5.5 litres per

minute, making it ideal for medium-duty cleaning tasks such as car washing, driveway cleaning, and outdoor surfaces.

5.2.3 Model BON-E-PW-2000W

The BON-E-PW-2000W is a 2000W electric pressure washer that operates at 127 volts and 60 Hz with a brush motor for powerful and reliable performance. It delivers a working pressure of 100 bar with a maximum pressure of 150 bar, offering a flow rate of 6.0 liters per minute. This makes it perfect for heavy-duty cleaning tasks, including car washing, large surface cleaning, and outdoor maintenance.

5.3 Direct Driven Air Compressors –

Bonhoeffers Direct Driven Air Compressors are designed for high-efficiency air compression in industrial and commercial applications. These compressors feature a direct drive system, ensuring reliable power transfer and minimal maintenance. Known for their compact design, they are easy to install and operate, offering consistent performance for tasks such as painting, inflating, powering pneumatic tools, and more. Durable and energy-efficient, Bonhoeffers direct-driven air compressors are built to handle heavy-duty use, making them ideal for workshops, garages, and construction sites.

Here are the models of Direct Driven Air Compressors-

5.3.1 Model BON-P-DDAC-25L

The BON-P-DDAC-25L is a 2 HP / 1.5 kW piston air compressor with a 25-liter tank capacity. Operating at 3400 rpm and powered by 220 volts at 60 Hz, it delivers a maximum pressure of 8 bar (115 psi) and a theoretical airflow of 8.5 ft³/min (233 l/min). The compressor fills the tank in just 1 minute and 30 seconds, making it efficient for quick, continuous use. The 270 ml oil volume ensures proper lubrication for smooth operation, and its compact design makes it suitable for workshops and light industrial tasks.

5.3.2 Model BON-P-DDAC-50L

The BON-P-DDAC-50L is a 2 HP / 1.5 kW piston air compressor with a 50-liter tank capacity.

Operating at 3400 rpm with 220 volts at 60 Hz, it delivers a maximum pressure of 8 bar (115 psi) and

a theoretical airflow of 8.5 ft³/min (233 l/min). The tank fills in 3 minutes and 30 seconds, making it

ideal for medium-duty tasks. With a 270 ml oil volume, it ensures proper lubrication for smooth

performance. This air compressor is perfect for workshops, garages, and light industrial use that

require reliable and efficient air compression.

5.4 Vacuum Cleaners –

Bonhoeffer Machines's Vacuum Cleaners are designed for high-efficiency cleaning in both residential

and commercial environments. These vacuum cleaners are built to handle a variety of cleaning tasks,

from dust and debris removal to wet and dry cleaning, ensuring versatility and powerful suction.

Ideal for large areas, construction sites, and industrial use, Bonhoeffer's vacuum cleaners feature

strong motors, durable construction, and easy mobility, making them perfect for tough cleaning

jobs. With a focus on reliability, user-friendly design, and efficiency, these vacuum cleaners are

perfect for those looking for cleaning solutions that get the job done quickly and effectively.

Here are the models of Vacuum Cleaners-

5.4.1 Model BON-VC-1400W-30L

The BON-VC-1400W-30L is a 3-in-1 wet and dry vacuum cleaner equipped with a 1400W copper

motor, making it suitable for tasks in car wash places, garages, and factories. With a 30-liter stainless

steel tank, it offers powerful suction (17 kpa) for efficient cleaning. It includes a 4-meter cable and

1.5-meter hose for easy mobility and reach. Featuring a HEPA filter, it ensures effective dust

filtration. The vacuum operates at a noise level of 80 dB(A) and is designed with a wheel and handle

for easy transportation. It also offers power options (1200W/1600W) for versatile use.

5.4.2 Model BON-VC-1400W-50L

The BON-VC-1400W-50L is a wet and dry vacuum cleaner designed with a 1400W copper motor for powerful suction. It features a 50-liter stainless steel tank and offers 17 kPa suction power, making it ideal for car wash places, garages, and factories. With a 4-meter cable and 1.5-meter hose, it provides easy mobility. The vacuum is equipped with a HEPA filter for effective filtration and operates at a noise level of 80 dB(A). Designed with a wheel and handle for easy transportation, it also offers power options (1200W/1600W) for different cleaning needs.

6.Electric Machines

Electric Machines at Bonhoeffter Machines encompass a range of energy-efficient tools and equipment powered by electricity, providing a clean and eco-friendly alternative to traditional gasoline-powered machines. These products are designed to offer quiet operation, low maintenance, and high performance for various applications, including gardening, construction, and household use. Bonhoeffter's electric tools are perfect for users who prioritize sustainability and convenience while maintaining reliable and powerful performance.

3.1 Electric Lawn Mowers

Bonhoeffter Machines's Electric Lawn Mowers are designed for quiet, efficient, and eco-friendly lawn care. Powered by electric motors, these mowers provide clean, reliable performance with minimal maintenance. They offer a range of adjustable cutting heights for precise grass trimming and come with easy-to-use features like lightweight designs and large grass collection capacities. Ideal for residential lawns and smaller to medium-sized gardens, Bonhoeffter's electric mowers ensure smooth operation while reducing your environmental footprint.

Here are the models of Electric Lawn Mowers-

3.1.1 Model BON-E-LM-1600W

The BON-E-LM-1600W electric lawn mower is a powerful and efficient tool designed for precise

grass cutting. With a 1600W motor, it delivers excellent performance and a cutting width of 380mm.

The mower features 6 adjustable cutting heights ranging from 25-75mm for versatile lawn care.

Equipped with 150mm front wheels and 200mm rear wheels, it ensures smooth maneuverability.

The 45L grass collection volume allows for efficient grass collection, while the nominal no-load speed

of 2800-3300 RPM provides a clean and even cut. Weighing 14.4kg, this mower is easy to handle and

ideal for medium to large lawns

3.1.2 Model BON-E-LM-1800W

The BON-E-LM-1800W electric lawn mower delivers powerful performance with a 1800W motor and

a cutting width of 440mm. It features 6 adjustable cutting heights ranging from 25-75mm, providing

versatility for various lawn conditions. The mower's front wheels (170mm) and rear wheels (220mm)

ensure smooth maneuverability across your yard.

With a nominal no-load speed of 2800-3300 RPM and a 45L grass collection volume, it offers

efficient grass collection. Weighing 15.3kg, the mower is easy to handle and ideal for medium to

large lawns, ensuring a clean, even cut every time.

3.2 Electric Pressure Washers –

Bonhoeffer Machines's Electric Pressure Washers are designed for

high-efficiency cleaning with eco-

friendly electric power. These washers provide powerful water pressure to easily remove dirt, grime,

and stains from various surfaces such as cars, driveways, patios, and more.

Featuring user-friendly

designs, they are lightweight, compact, and ideal for homeowners and professionals seeking quick

and effective cleaning solutions. With adjustable pressure settings, they offer flexibility for different

cleaning tasks while ensuring energy efficiency and low maintenance.

Here are the models of Electric Pressure Washers-

3.2.1 Model BON-P-PW-E2.2KW

The BON-P-PW-E2.2KW electric pressure washer offers maximum pressure of 1800 PSI (124BAR) and a maximum flow rate of 8.3L/min (2.2 GPM), providing powerful cleaning performance. Powered by a 2.2Kw (3HP) engine, it operates on 110V or 220V with a frequency of 50 or 60 Hz. Equipped with a Triplex pump, it is designed for professional-level cleaning, making it ideal for a range of tasks from car washing to cleaning patios and driveways.

3.2.2 Model BON-P-PW-E3.0KW

The BON-P-PW-E3.0KW electric pressure washer delivers maximum pressure of 2200 PSI (152BAR) and a maximum flow rate of 9.1L/min (2.4 GPM) for high-efficiency cleaning. Powered by a 3.0Kw (4HP) engine, it operates on 110V or 220V with a frequency of 50 or 60 Hz. Featuring a professional-grade Triplex pump, it offers durability and powerful performance, making it ideal for demanding cleaning tasks such as industrial applications, car washing, and large surface cleaning.

3.2.3 Model BON-P-PW-E5.5KW

The BON-P-PW-E5.5KW electric pressure washer offers maximum pressure of 3000 PSI (207BAR) and a maximum flow rate of 13.2L/min (3.5 GPM), providing exceptional cleaning power. Powered by a 5.5KW (7.4HP) motor, it operates on 110V or 220V with a 50 or 60 Hz frequency. Equipped with a professional-grade Triplex pump, it is designed for heavy-duty use, making it ideal for industrial cleaning, large-scale surface cleaning, and high-pressure applications.

3.2.4 Model BON-P-PW-E7.5KW

The BON-P-PW-E7.5KW electric pressure washer delivers a maximum pressure of 3600 PSI (248BAR) and a maximum flow rate of 18.5L/min (4.9 GPM), offering superior cleaning performance. Powered by a 7.5KW (10HP) motor, it operates on 110V or 220V with 50 or 60 Hz frequency. Featuring a

professional-grade Triplex pump, it is built for heavy-duty, industrial applications, ideal for high-pressure cleaning of large surfaces and equipment.

7. Garden and Forestry

Garden and Forestry Products at Bonhoeffer Machines include a range of high-performance equipment designed for landscaping, gardening, and forestry applications. These products are built for precision, efficiency, and durability, catering to both residential and professional users. Whether for tree cutting, lawn maintenance, or forestry operations, Bonhoeffer Machines provides reliable solutions to enhance productivity and ease of use.

2.1 Brush Cutter

Brush Cutters at Bonhoeffer Machines are powerful and efficient tools designed for cutting through thick grass, weeds, and dense undergrowth. Built for durability and high performance, these machines are ideal for both residential and professional landscaping applications. Featuring robust engines, ergonomic designs, and precision cutting capabilities, Bonhoeffer brush cutters ensure effortless operation and long-lasting reliability in demanding environments.

Here are the models of

2.1.1 Model BON-P-BC36

The BON-P-BC36 is a high-performance hand-held brush cutter, designed for efficient cutting of thick grass and dense vegetation. Powered by a 2-stroke engine with a maximum output of 1.2 kW at 7500 min⁻¹, it delivers reliable performance for demanding landscaping tasks. Featuring a 35.3 cm³ engine displacement and a fuel ratio of 50:1, it ensures optimal fuel efficiency. The brush cutter operates at a maximum engine speed of 9200 min⁻¹ with a gear ratio of 19:14, providing smooth and powerful cutting action. Equipped with a 720 cm³ fuel tank, clutch engagement at 4200 min⁻¹, and a lightweight 7.2 kg design, it offers enhanced manoeuvrability and ease of use. Ideal for both

professional and residential applications.

2.1.2 Model BON-ET-BC53

The BON-ET-BC53 is a high-powered 2-stroke brush cutter, designed for professional and heavy-duty landscaping applications. Featuring a 52.8cc air-cooled, single-cylinder engine with a full crankshaft, it delivers a maximum power output of 2.7 HP for efficient cutting performance. With a maximum engine speed of 9500 rpm (blade) and 9300 rpm (spool), this brush cutter ensures precision and power for tackling dense vegetation. Equipped with a 950ml fuel tank and a 50:1 petrol-to-oil fuel mix ratio, it incorporates premium components such as a Walbro carburetor, professional ignition coil, flywheel, and cylinder, along with an NGK BPMR7A spark plug for reliable ignition. The Nikkari starter ensures smooth and easy starting, while its lightweight 7.5kg design enhances maneuverability. Operating at a sound level of 104 dB, this brush cutter is built for durability, efficiency, and professional-grade performance.

2.1.3 Model BON-P-BC45

The BON-P-BC45 is a hand-held brush cutter designed for high-performance grass and vegetation trimming. Powered by a 2-stroke engine with a 44.8 cm³ displacement, it delivers a maximum power of 1.6 kW at 7500 min⁻¹, ensuring efficiency in tough cutting conditions. The maximum engine speed reaches 9500 min⁻¹, providing precision and control for demanding landscaping tasks. With a fuel tank capacity of 920 cm³ and a 50:1 fuel mix ratio, this brush cutter is built for extended operation. It features a gear ratio of 19:14, an engine idling speed of 3000 min⁻¹ ± 300 min⁻¹, and a clutch engagement speed of 4200 min⁻¹ for smooth and consistent performance. Weighing 8.7 kg (without cutting attachment), it offers durability and stability for both professional and residential use.

2.2 Backpack Brush Cutters

Backpack Brush Cutters at Bonhoeffer Machines are designed for enhanced mobility and comfort, making them ideal for extended use in rough terrain and demanding landscaping tasks. Featuring a powerful engine mounted on a backpack harness, these brush cutters reduce user fatigue while providing efficient cutting performance for thick grass, weeds, and dense vegetation. Engineered for durability, stability, and ease of use, they are suitable for both professional and residential applications, ensuring maximum productivity with minimal effort.

2.2.1 Model BON-P-BP-BC45

The BON-P-BP-BC45 is a high-performance backpack brush cutter designed for enhanced comfort and efficiency in demanding landscaping tasks. Powered by a 44.8 cm³ 2-stroke engine, it delivers a maximum performance of 1.6 kW at 7500 min⁻¹, ensuring powerful cutting capability. With a maximum engine speed of 10,500 min⁻¹ for the brush cutter and 9,500 min⁻¹ for the grass trimmer, it provides precision and efficiency for various cutting applications. Featuring a 920 cm³ fuel tank and a 50:1 fuel mix ratio, this brush cutter is built for extended operation. Its gear ratio of 19:14, engine idling speed of 3000 min⁻¹ ± 300 min⁻¹, and clutch engagement speed of 4200 min⁻¹ ensure smooth performance. Weighing 11.1 kg (excluding cutting attachments), it offers ergonomic backpack support, reducing strain and enhancing user comfort during prolonged use. Ideal for professionals and homeowners seeking power, mobility, and durability.

2.3 Multi-Tool Equipment

Multi-Tool Equipment at Bonhoeffer Machines offers versatile and efficient solutions for various landscaping and gardening tasks. Designed for multi-functional use, these tools combine different attachments such as brush cutters, hedge trimmers, pole saws, and grass trimmers in a single unit. Engineered for durability, ease of operation, and high performance, Bonhoeffer's multi-tools provide

cost-effective and space-saving solutions for both professional and residential users, ensuring maximum productivity with minimal effort.

2.3.1 Model BON-P-MT45 Multi-Tool

The BON-P-MT45 is a versatile multi-tool designed for various landscaping tasks, combining multiple cutting and trimming functions in one powerful unit. Equipped with a 44.8cc engine delivering 1.6

kW at 7500 min⁻¹, it ensures high performance and efficiency for professional and residential use.

This multi-tool features a Φ 26mm shaft diameter, a nylon head line (3.0mm × 4m) with a 450mm cutting diameter, and interchangeable 2T (305mm) and 3T (2.0mm thickness) blades for diverse

cutting applications. The pole trimmer has a cutting length of 24mm, while the 10-inch chain and bar

operate with a 1/4" chain pitch and a 1.3mm chain gauge, providing precision for pruning and trimming.

With a 920ml fuel tank, a 125ml oil tank capacity, and a 50:1 fuel mixture ratio, the BON-P-MT45

ensures extended operation with optimal fuel efficiency. Built for durability, ease of use, and multi-

functionality, it is the ideal tool for professionals and homeowners seeking a compact, powerful, and adaptable landscaping solution.

2.4 Chainsaws

Chainsaws at Bonhoeffler Machines are designed for precision cutting, durability, and high

performance, catering to both professional forestry work and residential wood-cutting needs.

Engineered with powerful engines and robust cutting mechanisms, these chainsaws provide efficient

and reliable operation for tasks such as tree felling, pruning, and firewood cutting.

With a focus on

safety, ease of use, and fuel efficiency, Bonhoeffler's chainsaws ensure maximum productivity and

long-lasting performance in demanding environments.

2.4.1 Model BON-P-CS40

The BON-P-CS40 is a powerful and lightweight chainsaw, ideal for pruning, firewood cutting, and small to medium tree felling. Equipped with a 40cc single-cylinder, air-cooled, 2-stroke petrol engine, it delivers an output power of 2.1 HP, ensuring efficient and reliable performance. With a 16-inch bar length and a 3/8" chain pitch, this chainsaw provides precision cutting for various applications. It features a diaphragm-type carburetor, a counter-clockwise rotor direction, and a recoil starter for smooth operation. The SAE 10W30 chain oil ensures proper lubrication, enhancing durability and cutting efficiency. Operating at a maximum speed of 12,100 RPM, with a fuel mixture ratio of 50:1, and weighing just 5 kg, the BON-P-CS40 is built for ease of use, maneuverability, and long-lasting performance.

2.4.2 Model BON-P-CS55

The BON-P-CS55 is a high-powered chainsaw designed for heavy-duty cutting tasks, including tree felling, firewood processing, and forestry work. Equipped with a 54.6cc single-cylinder, air-cooled, 2-stroke petrol engine, it delivers a robust 3.4 HP output, ensuring efficient and reliable performance in demanding environments. Featuring a 20-inch bar length with a 3/8" chain pitch, this chainsaw provides precision cutting and durability. It incorporates a diaphragm-type carburetor, a counter-clockwise rotor direction, and a

recoil starter for easy ignition. The SAE 10W30 chain oil ensures proper lubrication, enhancing chain longevity and cutting efficiency. Operating at a maximum speed of 12,500 RPM, with a 55cc displacement, a 50:1 fuel mixture ratio, and a lightweight 6 kg build, the BON-P-CS55 offers a perfect balance of power, control, and maneuverability for professional and heavy-duty applications.

2.4.3 Model BON-P-CS65

The BON-P-CS65 is a powerful and high-performance chainsaw, designed for heavy-duty cutting applications such as forestry work, tree felling, and firewood processing. Equipped with a 65cc

single-cylinder, air-cooled, 2-stroke petrol engine, it delivers an impressive 4.6 HP output, ensuring efficient and precise cutting performance. Featuring a 24-inch bar length with a 3/8" chain pitch, this chainsaw provides enhanced cutting capacity for larger logs and trees. It is built with a diaphragm-type carburetor, a counter-clockwise rotor direction, and a recoil starter for easy and reliable ignition. Operating at a maximum speed of 13,000 RPM, with a fuel mixture ratio of 50:1, it ensures optimal engine performance and durability. The SAE 10W30 chain oil provides effective lubrication, while its 7 kg lightweight design offers better control and maneuverability. The BON-P-CS65 is an ideal choice for professionals and demanding cutting tasks.

2.4.4 Model BON-P-CS92

The BON-P-CS92 is a high-power professional chainsaw, engineered for heavy-duty forestry work, large-scale tree felling, and demanding cutting tasks. Equipped with a 7.1 HP engine, it delivers exceptional cutting performance with a 36-inch guide bar and a 3/8" saw chain, making it ideal for handling thick logs and tough materials. Designed for efficiency and durability, it features an adjustable automatic chain lubrication system, ensuring smooth operation and extended chain life. With a fuel tank capacity of 825 ml and an engine oil tank capacity of 360 ml, it supports prolonged usage. The chainsaw operates at a maximum speed of 12,500 RPM, using a 50:1 fuel mixture ratio for optimal engine performance. For convenience, the BON-P-CS92 comes with an instruction manual, a complete tool kit, and a 2-liter fuel mixture bottle, making it ready for use in any professional cutting environment.

2.5 Hedge Trimmers –

Bonhoeffer Machines' Hedge Trimmers are designed for precision cutting, efficiency, and ease of use, making them ideal for landscaping, garden maintenance, and professional trimming applications. Engineered for power and maneuverability, these trimmers provide

clean, even cuts to shape and maintain hedges, shrubs, and bushes with minimal effort.

Equipped with high-performance engines, durable blades, and ergonomic designs, Bonhoeffer hedge trimmers ensure maximum control, reduced vibration, and extended

durability. Whether for home gardening or professional landscaping, these trimmers offer

reliable performance and superior cutting capabilities.

Here are the models of Hedge Trimmers –

2.5.1 Model BON-P-HT23

The BON-P-HT23 hedge trimmer is a powerful and efficient tool designed for precise hedge and

shrub maintenance. Featuring a 22.5cc engine with 1.2 HP output, it delivers smooth and reliable

cutting performance for both residential and professional landscaping applications.

With a 600mm trimming length, it allows for clean and even cuts, ensuring well-maintained hedges.

The 450ml fuel tank supports extended operation, while the 50:1 fuel mixture ratio ensures optimal

engine performance. Weighing just 6 kg, it offers easy handling and maneuverability.

Designed for low noise and vibration, it operates at a measured sound power level of 95 dB(A) with a

measurement uncertainty of 3 dB(A), ensuring user comfort during prolonged use.

The BON-P-HT23

is the ideal choice for precise and effortless hedge trimming.

2.6 Blowers –

Bonhoeffer Machines’ Blowers are designed for efficient and powerful debris clearing, making them

ideal for gardens, parks, and professional landscaping. Engineered for high airflow and strong

blowing force, these blowers help in quickly removing leaves, grass clippings, and other debris with

minimal effort.

Featuring ergonomic designs, fuel-efficient engines, and lightweight construction, Bonhoeffer

blowers ensure ease of use, reduced operator fatigue, and maximum performance.

Whether for

homeowners or professional landscapers, these machines offer reliable and durable solutions for

outdoor cleaning tasks.

Here are the models of Blowers –

2.6.1 Model BON-P-BBL53

The BON-P-BBL53 is a high-performance backpack blower, designed for efficient and powerful debris

clearing in gardens, parks, and professional landscaping. Powered by a 3 HP 2-stroke engine, it

delivers a maximum air volume of 1450 m³/h and an air speed of 78 m/s, ensuring fast and effective

removal of leaves, grass clippings, and debris.

With a maximum engine speed of 6700 RPM, it provides strong and consistent blowing power. The

Easy Starter system ensures quick and hassle-free ignition, while the NGK BPMR7A spark plug

enhances engine reliability and efficiency.

Equipped with a 1300ml fuel tank, it supports extended operation, making it ideal for both

residential and commercial outdoor cleaning tasks. Designed for comfort and durability, the BON-P-

BBL53 offers powerful performance with minimal user fatigue.

2.6.2 Model BON-P-BL26

The BON-P-BL26 is a lightweight and efficient handheld blower, designed for quick and easy debris

clearing in gardens, yards, and outdoor spaces. Powered by a 1.2 HP 2-stroke, single-cylinder, air-

cooled engine, it delivers a maximum power of 900W at 8200 RPM, ensuring strong and consistent airflow.

With a maximum air speed of 250 km/h, it provides efficient leaf and debris removal.

The blower-

only design allows for versatile use, with the option to fit a round or flat nozzle for different blowing

needs. Featuring a 400ml fuel tank, it supports extended operation while maintaining optimal fuel

efficiency.

Operating at a guaranteed sound power level of 110 dB(A), the BON-P-BL26 is an ideal choice for

homeowners and professionals looking for a compact, powerful, and easy-to-use blower.

2.6.3 Model BON-P-BLV26

The BON-P-BLV26 is a versatile 3-in-1 machine that functions as a blower, vacuum, and mulcher,

making it an efficient solution for outdoor cleaning and garden maintenance. Powered by a 25.4cc engine with 0.9KW output, it delivers a maximum air speed of 260 km/h, ensuring strong and effective debris clearing. With a suction capacity of 810 m³/h and a 10:1 mulching ratio, it efficiently collects, shreds, and compacts leaves and debris into its 50L dust bag, reducing waste volume for easier disposal. The 400ml fuel tank supports extended operation, while the 40:1 petrol/oil ratio ensures smooth engine performance. Weighing just 5.8 kg, the BON-P-BLV26 is lightweight and easy to handle, operating at a noise level of 110 dB(A). Ideal for homeowners and professionals, it offers a powerful and convenient all-in-one solution for garden and outdoor cleaning.

2.7 Earth Augers –

Bonhoeffer Machines’ Earth Augers are designed for fast and efficient drilling of holes in soil, making them ideal for agriculture, landscaping, fencing, and construction applications. Engineered for power and precision, these augers provide smooth and effortless operation, reducing manual labour and increasing productivity. Equipped with high-performance engines, durable drill bits, and ergonomic designs, Bonhoeffer Earth Augers ensure maximum drilling efficiency, ease of use, and long-lasting durability. Whether for planting, post-hole digging, or ground sampling, these augers deliver reliable and consistent performance in various soil conditions.

Here are the models of Earth Augers –

2.7.1 Model BON-P-EA63

The BON-P-EA63 is a high-performance earth auger designed for efficient and precise drilling in soil, making it ideal for agriculture, fencing, landscaping, and construction applications. Powered by a 68cc engine delivering 3.0 HP, it operates at a maximum output speed of 9600 ± 300 RPM, ensuring smooth and powerful drilling performance.

With a drill bit rotation speed of 360 RPM and a transmission ratio of 26.4:1, this auger provides consistent torque for easy penetration into various soil types. The helical sprocket structure with a twist-type top tip enhances drilling accuracy and durability. Supporting drill bit sizes ranging from 50mm to 300mm, it is suitable for a variety of hole sizes. The 1000ml fuel tank capacity ensures longer operation, while its lightweight 9.5kg design allows for easy handling and maneuverability. The BON-P-EA63 is the perfect choice for professionals and homeowners looking for a reliable and powerful earth auger.

2.7.2 Model BON-P-EA52

The BON-P-EA52 is a powerful and efficient earth auger, designed for quick and precise soil drilling in agriculture, landscaping, fencing, and construction applications. Equipped with a 3.0 HP engine, it delivers a maximum output speed of 9600 ± 300 RPM, ensuring strong and reliable performance. With a maximum drill rotation speed of 360 RPM and a transmission ratio of 26.4:1, this auger provides high torque and smooth operation, making it easy to drill through various soil types. The helical sprocket structure with a twisted-type upper tip enhances drilling accuracy and efficiency. Featuring a standard 200mm x 800mm drill bit, it is ideal for medium to large hole drilling tasks. The 1000ml fuel tank capacity supports longer operation, reducing the need for frequent refuelling. The BON-P-EA52 is a versatile and durable earth auger, perfect for professionals and homeowners seeking a high-performance drilling solution.

2.7.3 Model BON-P-EA159-4S

The BON-P-EA159-4S is a high-powered and efficient earth auger, designed for heavy-duty drilling tasks in construction, landscaping, and agriculture. Equipped with a 5 HP engine, it delivers a maximum output speed of 3800 RPM, ensuring powerful and reliable performance. With a maximum torque of 7 N·m and an idle speed of 1800 ± 200 RPM, the auger offers smooth and

consistent operation. The helical sprocket structure with a spline main gear contact ensures

durability and efficient power transfer.

The 1600 ml fuel tank capacity provides extended operation, while the 0.55L engine oil tank and SAE

10W-30 oil keep the engine running smoothly. With a specific fuel consumption rate of 410 g/kW.h,

the auger offers fuel efficiency during long work sessions.

Designed to handle drill bits up to 500mm in diameter, it is ideal for medium to large-scale hole

drilling tasks, with a recommended auger bit size of $\leq 400\text{mm}$. The rollback system ensures easy

startup, making it user-friendly for extended use in demanding conditions.

2.8 Water Pump 2-Stroke –

Bonhoeffer Machines’ 2-Stroke Water Pumps are designed for high-efficiency water transfer in

applications such as irrigation, drainage, and emergency pumping. These pumps are powered by

compact and durable 2-stroke engines, offering excellent portability and easy operation. They

provide a high flow rate, ensuring quick and effective water removal. Ideal for small-scale farming,

construction sites, and outdoor use, these pumps are reliable, fuel-efficient, and built for long-lasting

performance.

Here are the models of Water Pump 2-Stroke-

2.8.1 Model BON-WP1.0-52-2S

The BON-WP1.0-52-2S water pump is a compact and efficient solution for various water transfer

needs. Powered by a 2.5 HP 2-stroke gasoline engine, it features a manual start system and delivers

a flow rate of 10 m³/hour. With a 1-inch suction and discharge, it provides a pump lift of 26 meters

and a suction height of 6 meters. The 1-liter fuel tank ensures efficient operation for extended use,

making it ideal for small-scale irrigation and drainage tasks.

2.9 Lawn Mowers –

Bonhoeffer Machines’ lawn mowers are designed for efficient and precise grass cutting, providing a

clean, even finish for residential and commercial lawns. Built with powerful engines and durable blades, these mowers ensure smooth performance on a variety of grass types. With features like adjustable cutting heights, easy maneuverability, and user-friendly designs, Bonhoeffer lawn mowers offer convenience and reliability for maintaining lawns and gardens.

Here are the models of Lawn Mowers-

2.9.1 Model BON-P-LM22

The BON-P-LM22 is a self-propelled lawn mower equipped with a Y170V OHV EURO V engine (170cc, 3.6kW, 2800 RPM) for powerful and reliable performance. Featuring a 4-wing blade and a steel deck, it offers a cutting width of 508mm (20 inches). The central height adjustment provides 6 cutting height positions ranging from 25-75mm for versatile grass cutting. With a 65L grass collector, it is designed for rear discharge, side discharge, and mulching functions, offering flexibility for different lawn care needs. The mower also includes 8-inch front wheels and 11-inch rear wheels for smooth operation, a plastic front handle for easy control, and a 0.9L fuel tank and 0.5L oil capacity for efficient operation. Ideal for medium to large lawns, the BON-P-LM22 is a durable, easy-to-use mower that ensures clean and even cutting.

8.Solar

Solar Products at Bonhoeffer Machines offer sustainable, energy-efficient solutions for various power needs. These products are designed to harness the power of the sun to generate clean electricity, reducing reliance on traditional energy sources. Whether for residential, commercial, or agricultural applications, Bonhoeffer's solar products ensure eco-friendly energy generation, offering reliable, cost-effective, and low-maintenance options to meet your power requirements while contributing to a greener environment.

4.1 Solar Panel –

Bonhoeffer Machines's solar panels provide efficient and eco-friendly energy solutions by converting sunlight into clean electricity. These panels are designed to deliver reliable performance in various applications, from residential homes to commercial and agricultural uses. With high energy conversion efficiency, they ensure sustainable power generation, helping reduce reliance on traditional energy sources while contributing to a greener environment. Bonhoeffer's solar panels offer durability, low maintenance, and long-lasting energy production.

Here are the models of Solar Panel-

4.1.1 Model BON-MC-SP-430W Solar Panel

The BON-MC-SP-430W solar panel offers maximum power of 430W, delivering efficient solar energy conversion. With an open circuit voltage (Voc) of 61.2V and a maximum supply voltage (Vmp) of 51.6V, it ensures reliable performance. The panel provides a short circuit current (Isc) of 8.95A and a maximum power current (Imp) of 8.33A, supporting consistent power output. With a module efficiency of 19.93%, it is an excellent choice for high-performance, sustainable energy generation.

4.2 Submersible Pumps –

Bonhoeffer Machines's Submersible Pumps are designed for efficient water pumping in deep or submerged conditions, ideal for draining water from wells, tanks, or flooded areas. These pumps are built with durable materials and are powered by high-performance motors, offering reliable, long-lasting operation. With easy installation and low maintenance, Bonhoeffer's submersible pumps are perfect for residential, agricultural, and industrial applications, ensuring effective water management.

Here are the models of Submersible Pumps-

4.2.1 Model BON-P-SP-0.5HP

The BON-P-SP-0.5HP submersible pump is powered by a 0.5 HP motor and features a 100% copper core, ensuring efficient and durable performance. With a maximum pumping height of 45 meters, it

is ideal for medium-depth water pumping. The pump operates on 127V or 220V, providing reliable water management for both residential and light industrial use.

4.2.2 Model BON-P-SP-1.0HP

The BON-P-SP-1.0HP submersible pump is equipped with a 1.0 HP engine and a 100% copper core for enhanced durability and efficiency. It offers a maximum pumping height of 81 meters, making it suitable for deeper water pumping. Operating on 127V or 220V, this pump provides reliable performance for both residential and industrial applications.

4.2.3 Model BON-P-SP-3.0HP Submersible Pump

The BON-P-SP-3.0HP submersible pump is powered by a 3.0 HP engine and features a 100% copper core for high efficiency and durability. With a maximum pumping height of 138 meters, it is designed for deep water pumping in residential, agricultural, and industrial applications. Operating on 127V or 220V, this pump ensures reliable performance for demanding water management tasks.

4.2.4 Model BON-P-SP-2.0HP Submersible Pump

The BON-P-SP-2.0HP submersible pump features a 2.0 HP engine and a 100% copper core for optimal performance and durability. With a maximum pumping height of 130 meters, it is suitable for deep water pumping across residential, agricultural, and industrial applications. Operating on 127V or 220V, this pump ensures reliable and efficient water management.

4.2.5 Model BON-P-SP-1.5HP Submersible Pump

The BON-P-SP-1.5HP submersible pump is powered by a 1.5 HP engine and features a 100% copper core for efficient and durable performance. With a maximum pumping height of 117 meters, it is ideal for medium to deep water pumping in residential, agricultural, and industrial settings.

Operating on 127V or 220V, this pump provides reliable and consistent water management.

9.Special Segment

Bonhoeffer's Compact Equipment Segment is dedicated to providing high-performance, versatile, and durable machinery for a wide range of applications in construction, landscaping, agriculture, and forestry. This specialized segment includes Trenchers, Leaf Blowers, Mini Dumpers, and Log Splitters, all designed to maximize productivity while minimizing labor and operational effort. Bonhoeffer

Trenchers ensure precision and efficiency in excavation tasks, making trench digging seamless and hassle-free. Leaf Blowers offer powerful debris management solutions, maintaining clean outdoor spaces with ease. Mini Dumpers simplify material transport on challenging terrains, enhancing efficiency in worksite logistics. Meanwhile, Log Splitters provide a powerful and effortless wood-processing solution for forestry and firewood preparation. With advanced engineering, robust construction, and ergonomic designs, Bonhoeffer's Compact Equipment range is built to handle demanding tasks with efficiency, reliability, and ease of operation.

Bonhoeffer Trencher – Precision and Efficiency for Digging Applications
Bonhoeffer Trenchers are designed for efficient and precise trenching in construction, landscaping, and agricultural applications. Built with high-powered engines and durable cutting systems, these machines ensure fast and accurate trench digging for laying pipes, cables, and irrigation lines. With adjustable depth settings and user-friendly controls, Bonhoeffer Trenchers offer exceptional maneuverability, making them ideal for various soil types and terrains. Engineered for reliability and efficiency, these trenchers help streamline excavation tasks while reducing labor time and effort. Here are the models –

Bonhoeffer Leaf Blower – High-Power Solution for Effective Debris Management

Bonhoeffer Leaf Blowers are built to provide powerful and efficient cleaning solutions for gardens, parks, and commercial spaces. With a high-speed air output, these machines quickly and effectively remove leaves, debris, and grass clippings, ensuring a clean and well-maintained outdoor environment. Designed with ergonomic handling and lightweight construction, Bonhoeffer Leaf Blowers offer ease of use, low noise levels, and fuel efficiency, making them ideal for both professional landscapers and homeowners.

Bonhoeffer Mini Dumper – Compact and Heavy-Duty Transport Solution

Bonhoeffer Mini Dumpers are the perfect compact hauling solution for construction, agriculture, and landscaping projects. Designed to transport heavy loads with ease, these machines offer exceptional maneuverability in tight spaces. With a powerful engine and high-load capacity, Bonhoeffer Mini Dumpers ensure efficient material handling, reducing manual labor and increasing productivity. Their rugged construction and user-friendly operation make them ideal for moving soil, gravel, concrete, and other heavy materials across worksites.

Here are the models to know

BON-P-EMD-1100W – High-Performance Electric Mini Dumper

The BON-P-EMD-1100W is an electric mini dumper designed for efficient and effortless material transport. Equipped with a 1100W motor, this machine offers smooth operation and enhanced maneuverability. Its 48V 20AH battery provides a working time of 5-6 hours, while a charging time of 4.5-5 hours ensures minimal downtime. With a maximum speed of 10 km/h and a 500 kg load capacity, it is ideal for construction sites, agricultural tasks, and warehouse operations. The electric ram system simplifies unloading, reducing manual effort and increasing efficiency. Designed with rugged front and rear wheels for stability, this electric mini dumper delivers superior performance and durability for material handling needs.

MINI VOLQUETE – Versatile Electric Mini Dumper with Snow Blade

This Mini Volquete is a compact and powerful electric dumper designed for efficient material movement and snow clearing applications. Powered by a 24V 450W motor, it operates at a speed of 0-4.5 km/h, ensuring precise control and smooth movement. Its wide 740mm snow blade enhances usability in snowy conditions, making it a great choice for winter maintenance. With a working time of 4-5 hours per charge and a charging time of 6-7 hours, this machine offers continuous operation for extended tasks. Featuring power capacity indicators and reverse gear functionality, this mini dumper is CE-certified, ensuring safety, reliability, and performance across various applications.

MINI VOLQUETE – Heavy-Duty Hydraulic Mini Dumper

This Mini Volquete is a high-powered hydraulic mini dumper built for heavy-duty material transportation. It is equipped with a 7 HP, 4-stroke, single-cylinder engine, delivering 3600 RPM for optimal performance. Its hydraulic drive system, featuring a control valve and fully hydraulic steering, ensures smooth and precise operation. The dumping container measures 855x680x550mm, offering a maximum load capacity of 500 kg and a volume of approximately 0.25 CBM. With a hydraulic tilting device and dual 10L/min pumps, it provides powerful forward tilting for easy unloading. The maximum working pressure of 180 BAR and a hydraulic motor torque of 720NM ensure exceptional efficiency even under heavy loads. Featuring adjustable working speeds, a max climbing capacity of 15 degrees, and durable track dimensions, this mini dumper is built for rugged terrain and demanding industrial applications.

Bonhoeffer Log Splitter – Powerful and Efficient Wood Splitting

Bonhoeffer Log Splitters are designed for quick and effortless wood processing, making them essential for firewood preparation, forestry, and commercial applications. Featuring a high-powered hydraulic system, these machines deliver consistent splitting force to handle logs of various sizes and densities. Built with a durable frame and advanced safety features, Bonhoeffer Log Splitters ensure

efficient operation with minimal effort. Whether for home use or industrial-scale wood processing,

these machines provide a reliable, time-saving solution for splitting logs with ease.

Here are the models

BON-P-GLS-6575

The Mechanical Log Splitter is a powerful and efficient wood-processing machine designed for fast

and effortless log splitting. Powered by a 6.5HP (4-stroke) engine with a manual rope start, this log

splitter delivers exceptional performance and reliability. With a wedge height of 200mm and a

loading capacity of 610mm in length and 750mm in diameter, it can handle large logs with ease. Its

rugged tires (6.5-8 DOT-approved) ensure mobility across different terrains, while the H-beam height

of 710mm and overall height of 970mm provide stability during operation. The fast cycle time of just

3 seconds enhances productivity, and its flywheel operates at a maximum RPM of 300 for efficient

log splitting. Built for safety and durability, this machine is designed with a front brake wheel and a

leak-free hydraulic system, ensuring long-lasting performance. Certified with CE approval, the

Mechanical Log Splitter is a reliable and high-powered tool for both commercial and personal wood-splitting needs.

BON-P-GLS-6561

The Bonhoeffter Log Splitter is an advanced hydraulic log splitting machine, engineered for maximum

efficiency and durability. Powered by a Bonhoeffter 6.5HP (4-stroke) engine with a manual start, this

log splitter is equipped with an 11-gallon, two-stage hydraulic pump, delivering superior power and

performance. The 4.0-inch piston diameter and 610mm piston stroke ensure smooth and precise log

splitting. With a maximum force of 22 tons, it can easily handle large logs, making it an ideal choice

for industrial, commercial, and heavy-duty applications. Featuring an automatic return control valve

(100L), this machine enhances operational convenience while reducing manual effort. Its vacuum

tires with DOT approval provide excellent stability and mobility, while the 14-second cycle time

ensures fast and efficient log processing. CE-certified, the Bonhoeffer Log Splitter is a powerful, safe, and high-performance solution for professional wood splitting.

10.Sprayers and Fumigation

Bonhoeffer Machines' Sprayers and Fumigation equipment are designed to deliver precise and efficient application of chemicals, pesticides, and fertilizers for agricultural, industrial, and pest control purposes. These sprayers offer high coverage, reliable performance, and easy operation, making them ideal for crop protection, disinfection, and pest control in large fields, greenhouses, and other areas. The equipment is built with advanced technology for optimal spray distribution and reduced waste, offering both manual and powered options for varying operational needs. Whether for targeted pest control or crop nourishment, Bonhoeffer's sprayers and fumigation equipment ensure reliable, effective, and efficient application for all your agricultural and pest management needs.

2.1 Knapsack Sprayers

Bonhoeffer Machines' Knapsack Sprayers are portable and efficient tools designed for precise spraying of pesticides, fertilizers, and other chemicals in gardens, fields, and greenhouses. These sprayers are worn on the back, allowing for easy mobility and extended use without strain. Equipped with high-quality pumps and adjustable nozzles, they ensure consistent spray coverage and even distribution of liquids. Ideal for both small and large-scale applications, these sprayers are known for their durability, ease of use, and comfortable fit, making them an excellent choice for agricultural professionals and gardeners looking for reliable and user-friendly spraying solutions.

Here are the models of Bonhoeffer Knapsack Sprayers

2.1.1 BON-P-KS26 Knapsack Sprayer

The BON-P-KS26 knapsack sprayer is a 1.2 HP (2-stroke) engine-powered sprayer designed for efficient and high-pressure spraying. With a 25-liter tank capacity and a 0.6-liter oil tank, it offers extended operation for agricultural and pest control tasks. The sprayer features a working pressure range of 73-363 PSI and a maximum pressure of 508 PSI, ensuring reliable spray coverage. With a suction pressure of 10 liters/min and a spray volume of 5-8 liters/min, it

provides effective liquid application. The high-pressure plunger pump made from brass nylon ensures durability and efficient performance. This model is equipped with a retractable start system and weighs 9.5 kg, making it a lightweight, powerful solution for sprayers.

2.1.2 BON-P-KS37 Knapsack Sprayer

The BON-P-KS37 knapsack sprayer features a 1.6 HP (4-stroke) engine, providing greater power for demanding spraying applications. It has a 25-liter water tank and a 0.65-liter pump oil tank for efficient operation. With a working pressure of 73-363 PSI and a maximum pressure of 508 PSI, it delivers high-pressure performance for precise spraying. The suction pressure of 10 liters/min and spray volume of 5-8 liters/min ensure consistent and effective coverage. The high-pressure plunger pump, made from brass nylon, guarantees durability. Weighing 12.3 kg and featuring a retractable start system, it offers a reliable and durable solution for spraying tasks.

2.2 Manual Sprayers

Bonhoeffer Machines' Manual Sprayers are designed for easy and efficient application of pesticides, fertilizers, and other chemicals in smaller-scale agricultural or gardening tasks. These sprayers are operated by hand, offering a simple, user-friendly solution for targeted spraying in gardens, greenhouses, and small fields.

Equipped with adjustable nozzles, these sprayers provide versatile spray patterns for precision and even coverage.

They are typically lightweight, portable, and designed for easy handling to reduce operator fatigue. Bonhoeffer's manual sprayers are built for durability, providing consistent performance and making them ideal for users looking for affordable and efficient spraying solutions without the need for powered equipment.

Here are the models of Bonhoeffer Manual Sprayers

2.2.1 BON-P-MS20L-JB

This model features a 20-liter capacity with a brass pump, designed for manual operation. It operates at a working pressure of 0.3-0.4 MPA and is constructed from durable polypropylene (PP), ensuring reliability and efficient performance for larger spraying tasks.

2.2.2 BON-P-MS5L Manual Sprayer

A compact solution with a 5-liter capacity, this manually operated sprayer is built from polypropylene (PP). It is

designed to work at a pressure of 2-4 PA, making it ideal for small-scale applications and targeted spraying tasks.

2.2.3 BON-P-MS20L-JP Manual Sprayer

Also offering a 20-liter capacity, the BON-P-MS20L-JP comes with a plastic pump and operates at a working pressure of 0.3-0.4 MPA. Made from PP, it is well-suited for efficient and durable performance in high-volume spraying jobs.

2.2.4 BON-P-EMS-20 Electric Manual Sprayer

This versatile sprayer features a 20-liter tank and combines manual operation with electric assistance. With a maximum pressure of 4.5 Bar and a liquid flow of 2.9 L/min, it is powered via a transformer (127/220V) along with a 12V 8AH lead-acid battery (2.2 kg). A 1.2-meter handle enhances ease of use, making it ideal for larger fields requiring consistent and controlled application.

2.2.5 BON-P-MS2L Manual Sprayer

The BON-P-MS2L is a lightweight, 2-liter capacity sprayer built from polypropylene (PP). Designed for manual operation at a working pressure of 2-4 PA, it is perfect for small-scale, precise spraying tasks.

2.3 Mist Dusters

Bonhoeffer Machines' Mist Dusters are designed to provide efficient and effective pest control and chemical spraying for a variety of applications in agriculture, horticulture, and forestry. These devices are ideal for distributing pesticides, herbicides, and fertilizers in the form of a fine mist for widespread coverage and maximum efficiency.

With their powerful engines and adjustable nozzles, Mist Dusters deliver uniform particle distribution over large areas, ensuring thorough and precise coverage. These sprayers are ideal for large-scale pest management, especially in environments like orchards, vineyards, and crop fields, where traditional sprayers may not be as effective.

Bonhoeffer Mist Dusters are built for long-lasting performance, reliable operation, and user comfort.

Here are the models of Bonhoeffer Mist Dusters

2.3.1 BON-P-MD42

The BON-P-MD42 mist duster features a 3 HP engine operating at 7800 rpm, providing powerful and efficient coverage for pest control and spraying applications. It offers a maximum range of 12 meters and a liquid output of 0-

7 liters per minute, making it ideal for medium-sized areas. With a 20-liter tank capacity and a 1.3-liter gas tank, it allows for prolonged use. The manual starting system ensures ease of operation.

2.3.2 BON-P-MD52

The BON-P-MD52 is powered by a 4 HP engine, reaching 6500 rpm for effective mist spraying. With a gasoline tank capacity of 1.5 liters and a 14-liter tank capacity, it provides a range of ≥ 12 meters and a spray speed of 6500 ± 320 rpm. This model is designed for consistent performance with a manual starting system, ideal for larger areas needing efficient spraying.

2.3.3 BON-P-MD82

The BON-P-MD82 is a high-performance mist duster, offering a maximum power of 5.5 HP at 7000 rpm. It features an impressive maximum vertical reach of 18 meters and a horizontal reach of 20 meters, making it suitable for larger

spraying tasks. With a 20-liter tank capacity and a 2-liter gas tank, it ensures extended operation. The manual starting system and liquid output of 0-7 liters per minute make it an efficient choice for comprehensive pest control.

2.4 Thermal Foggers

Bonhoeffer Machines's Thermal Foggers are designed for effective pest control and disinfection by creating a dense fog that ensures maximum coverage in both indoor and outdoor environments.

These foggers are ideal for use in agriculture, pest management, and sanitation tasks, providing efficient pesticide, herbicide, and disinfectant application over large areas.

The thermal fogging process uses heat to vaporize chemicals, turning them into small particles that are easily dispersed into the air, allowing them to penetrate hard-to-reach areas. Bonhoeffer's thermal foggers are built for reliable performance, offering long-lasting durability and easy handling for professionals in need of high-precision spraying.

Perfect for crop protection, sanitization, and pest control, these foggers ensure optimal chemical dispersion and targeted applications.

Here are the models of Bonhoeffer Thermal Foggers

2.4.1 BON-P-TF6L

The BON-P-TF6L thermal fogger is designed for efficient pest control and disinfection over larger areas. It features a

6.0-liter chemical tank and a 1.2-liter fuel tank, allowing for extended operation. With a spray capacity of 25 liters per hour and a fuel consumption rate of 2 liters per hour, it ensures high-volume application. Weighing 9.7 kg, it offers a robust design for high-performance fogging, making it suitable for agriculture and pest management tasks requiring large-area coverage.

2.4.2 BON-P-TF2L

The BON-P-TF2L is a compact and lightweight thermal fogger, ideal for smaller applications and targeted pest control. It has a 2.0-liter tank capacity and a pump flow of 1.2 liters, with a solution output of 1.5 to 2 liters per hour.

This model consumes 225g of fuel per hour, offering a fuel-efficient design. Weighing just 1.4 kg, it is highly portable and perfect for smaller spaces and easy handling.

11.Wood chiefer and chaff cutter

The Bonhoeffer Wood Chipper and Chaff Cutter is an innovative dual-purpose machine designed to streamline the processing of agricultural and woody debris. By integrating the robust cutting power of a wood chipper with the precision of a chaff cutter, it efficiently transforms bulky branches and crop residues into fine, manageable material. This versatility not only simplifies cleanup and recycling tasks on farms but also enhances the production of biomass for renewable energy applications. Engineered with durability and safety in mind, the machine represents a significant advancement in agritech, offering farmers a practical solution to reduce waste, conserve resources, and promote sustainable practices.

Here are the models of Wood Chipper

Model 1 – High-Power Electric Shredder:

This robust electric shredder is equipped with a 5.5 kW, 400V electric motor that drives a 300 mm long blade, delivering an impressive chipping capacity of 120 mm. Its design features high-quality dual reversible V-belts, an advanced centrifugal clutch, an adjustable discharge chute, and a gyratory discharge chute. With overall dimensions of 1800×800×1150 mm and a weight of 175 kg, it offers

the option of an additional towing bar for enhanced mobility.

Model 2 – Mid-Range Electric Shredder (BON-P-EWC-2.2KW):

Powered by a 2.2 kW, 230V electric motor, this model provides a chipping capacity of 100 mm and a 150 mm blade length. It utilizes two V-belts in a reversible configuration and is equipped with advanced centrifugal features. Mounted on wheels sized at 4.10/3.5-4, the shredder is compactly packaged in dimensions of 870×565×890 mm and weighs 85 kg, with an optional towing bar available for added convenience.

Model 3 – Compact Electric Shredder (BON-P-EWC-1.5KW):

Designed for lighter applications, this compact electric shredder features a 1.5 kW, 230V motor, a 100 mm blade, and a chipping capacity of 50 mm. It also incorporates dual reversible V-belts and comes with wheels sized at 3.5-4, with an optional upgrade to 4.10 available, making it ideal for smaller-scale operations.

Model 4 – Heavy-Duty Diesel Shredder (BON-P-DWC-1015):

This heavy-duty shredder is driven by a powerful 10 HP, four-stroke Bonhoeffe diesel engine with an electric start system, ensuring reliable performance. It features dual high-quality reversible V-belts, a 300 mm blade, and an impressive chipping capacity of 150 mm. The unit includes an advanced centrifugal clutch and an adjustable discharge chute certified by TÜV CE, is mounted on wheels (3.5-4, with an optional 4.10), and comes in a product size of 1800×800×1150 mm with a weight of 175 kg, making it a robust solution for demanding shredding tasks.

Model ON-P-DWC-1012 – Diesel Shredder:

This heavy-duty diesel shredder is powered by a robust 10 HP, 4-stroke Bonhoeffe diesel engine with an electric start system, ensuring reliable operation in demanding conditions. It features two high-quality V-belts in a dual reversible configuration, driving a 300 mm long blade that delivers a chipping capacity of 120 mm. The unit is equipped with an advanced

centrifugal clutch and an adjustable discharge chute, all while meeting TÜV CE certification standards. With product dimensions of 1800×800×1150 mm and a weight of 175 kg, it is built to handle large volumes with optional wheel upgrades (3.5-4, with an option of 4.10) for enhanced mobility.

Model BON-P-DWC-710 – Diesel Shredder:

This model offers efficient performance with a 7 HP, 4-stroke Bonhoeffe diesel engine featuring an electric start for ease of operation. It incorporates two V-belts that operate in a dual reversible setup, powering a 150 mm long blade that achieves a chipping capacity of 100 mm. Designed for agility, it rides on wheels sized 3.5-4 (with an optional upgrade to 4.10) and is complemented by an advanced centrifugal clutch. The unit is CE certified and comes in a compact package measuring 870×565×890 mm, weighing 85 kg, making it ideal for mid-range shredding tasks.

Model BON-P-GWC-2312 – Gasoline Shredder:

This gasoline-powered shredder is driven by a potent 23 HP, 4-stroke Bonhoeffe engine, ensuring high performance for heavy-duty applications. It features a unique blade system composed of two pieces, each measuring 200 mm in length, and operates with a blade diameter of 120 mm to efficiently process material. The unit is equipped with a centrifugal clutch and a hydraulic pump rated at 10 mL/r, delivering a maximum force of 20 MPa with dual cylinders. With a hydraulic motor feed speed ranging from 0 to 600 RPM and a maximum torque of 240 N·m, this shredder is engineered for precision, all packaged within dimensions of 1600×870×1230 mm and weighing 185 kg.

Model BON-P-GWC-15SH – Gasoline Shredder:

Designed for robust performance, this gasoline shredder is powered by a Bonhoeffe engine rated at 15 HP (with an optional upgrade to 18 HP) in a 4-stroke configuration. It offers a chipping capacity of 120 mm and features a large shredding disc with a diameter of 600 mm for efficient material processing. The system utilizes two V-belts in a reversible arrangement

and is mounted on durable wheels sized 16×8.0-7, ensuring mobility and stability.

Compactly

packaged in dimensions of 800×600×1160 mm and weighing 175 kg, this shredder is well-

suited for applications requiring both power and efficiency.

Model BON-P-GWC-15SP – Gasoline Shredder:

This model is powered by a 15 HP, 4-stroke Bonhoeffe gasoline engine with an optional

upgrade to 18 HP, delivering a chipping capacity of 120 mm. It features a 600 mm diameter

shredding disk driven by two high-quality V-belts and is mounted on 16×8.0-7 wheels. A

newly added characteristic enables the shredder to efficiently process both grass and cane,

making it versatile for a range of agricultural applications. Packaged in dimensions of 800×600×1160 mm and weighing 175 kg, it offers a balanced combination of power and mobility.

Model BON-P-GWC-1512H – Gasoline Shredder:

Designed for heavy-duty performance, this shredder utilizes a 15 HP, 4-stroke Bonhoeffe

gasoline engine. It is equipped with a dual-blade system featuring two 200 mm long pieces

with a blade diameter of 120 mm, coupled with a centrifugal clutch for smooth operation.

Enhancing its efficiency, the unit includes a hydraulic pump rated at 10 mL/r delivering a

maximum force of 20 MPa, with a hydraulic motor feed speed ranging from 0 to 600 RPM

and a maximum torque of 240 N·m. Housed in a robust package measuring 1600×870×1230 mm and weighing 360 kg, it is engineered for demanding shredding tasks.

Model BON-P-GWC-1515 – Gasoline Shredder:

This powerful shredder is driven by a 15 HP, 4-stroke Bonhoeffe gasoline engine and features

two high-quality V-belts in a dual reversible configuration. It boasts an impressive chipping

capacity of 150 mm with a 300 mm long blade and is further enhanced by an advanced

centrifugal clutch and an adjustable discharge chute. With product dimensions of 1800×800×1150 mm and a weight of 175 kg, it is optimized for efficiency and reliability in

heavy-duty applications.

Model BON-P-GWC-1512 – Gasoline Shredder:

Powered by a 15 HP, 4-stroke Bonhoeffe gasoline engine, this shredder is designed for consistent performance. It employs two high-quality V-belts in a dual reversible setup to drive a 300 mm long blade, achieving a chipping capacity of 120 mm. The unit also includes an advanced centrifugal clutch and an adjustable discharge chute for improved operational control. With overall product dimensions of 1800×800×1150 mm and a weight of 175 kg, it offers a balanced solution for medium to heavy-duty shredding requirements.

Model BON-P-GWC-705 – Gasoline Shredder:

This model is powered by a robust 7 HP, 4-stroke Bonhoeffe gasoline engine with a manual start system, ensuring reliable operation in demanding environments. It employs two V-belts for power transmission, features a 100 mm long blade, and delivers a chipping capacity of 50 mm. The unit's dual reversible design, combined with wheels sized 3.5-4 (with an optional upgrade to 4.10), provides both stability and maneuverability for efficient material processing.

Model BON-P-GWC-708 – Gasoline Shredder:

Designed for compact and efficient performance, this shredder features a 7 HP, 4-stroke Bonhoeffe gasoline engine with a manual start system. It achieves an 80 mm chipping capacity with a 93 mm blade length and incorporates a dual reversible mechanism. The shredder is mounted on wheels specified as 145/7.0-6, ensuring smooth mobility and a reliable operation in various work conditions.

Model BON-P-GWC-712 – Gasoline Shredder:

Equipped with a 7 HP, 4-stroke Bonhoeffe gasoline engine and a manual start system, this model is engineered for enhanced efficiency. It utilizes two high-quality V-belts and features a 150 mm long blade that can chip material up to 120 mm. The design includes a dual

reversible system paired with an adjustable discharge chute, optimizing performance and ease of maintenance in rigorous shredding tasks.

Model BON-P-GWC-710 – Gasoline Shredder:

This model is powered by a 7 HP, 4-stroke Bonhoeffe gasoline engine with a manual start system, ensuring dependable performance. It is driven by two V-belts and features a 150 mm long blade capable of achieving a chipping capacity of 100 mm. With its dual reversible configuration and wheels sized 3.5-4 (with an optional upgrade to 4.10), the shredder is designed for reliable operation and ease of mobility in various applications.

Model BON-GCT-1T – Gasoline Corn Peeler and Thresher:

This machine is powered by a robust 6.5 HP gasoline engine, delivering a nominal power of 6.5 HP to efficiently process up to 1000 kg of corn per hour. Constructed with high-quality carbon steel with a thickness of 2/3 mm, it features a single screen and is packaged in a sturdy wooden box, ensuring durability and reliability for corn peeling and threshing operations.

Model BON-ECT-1T – Electric Corn Peeler and Thresher:

Designed for efficient corn processing, this electric model features a 3 HP single-phase motor that can operate on 110V or 220V at a frequency of 50Hz or 60Hz, processing up to 1000 kg of corn per hour. It is built with carbon steel of 2/3 mm thickness, includes a single screen, and comes packaged in a robust wooden box, combining energy efficiency with effective performance.

Model BON-GCT-2T – Gasoline Corn Thresher:

Engineered for higher capacity, this gasoline-powered corn thresher is equipped with a 6.5 HP engine that drives a system capable of processing 2000 kg of corn per hour. The machine is constructed from durable carbon steel with a thickness of 2/3 mm, features one screen, and is securely packaged in a wooden box, making it ideal for large-scale corn threshing operations.

Model BON-ECT-2T – Electric Corn Threshing Machine:

This electric corn threshing machine offers efficient processing with a 3 HP single-phase motor suitable for use on 110V or 220V and operating at 50Hz or 60Hz, achieving a capacity

of 2000 kg per hour. Built with high-quality carbon steel of 2/3 mm thickness and featuring a single screen, it is packaged in a wooden box, delivering a reliable and energy-efficient solution for modern corn processing needs.

Model BON-GCC-3T – Gasoline Straw Cutter:

This robust straw cutter is powered by a 7.5 HP gasoline engine, delivering a nominal power of 7.5 HP to process up to 3000 kg of straw per hour. It features a set of 5 cutting blades made of 9CrSi material with a hardness of HRC 55, measuring 250×70 mm, ensuring efficient and durable performance. Packaged in a wooden box, this machine is engineered for heavy-duty straw cutting operations.

Model BON-GCC-1T – Gasoline Straw Cutter:

Designed for moderate capacity operations, this gasoline-powered straw cutter is driven by a 6.5 HP engine with a nominal power of 6.5 HP and a capacity of 1000 kg per hour. It comes equipped with 4 cutting blades made of 9CrSi material, with a hardness of HRC 55 and dimensions of 220×70 mm, all securely packaged in a wooden box for safe transport and storage.

Model BON-ECC-1T – Electric Straw Cutter:

This electric straw cutter is powered by a 3 HP single-phase motor, providing reliable performance with a capacity of 1000 kg per hour. Designed for versatility, it can operate on either 110V or 220V with a frequency of 50Hz or 60Hz. The machine features 4 cutting blades made of 9CrSi material with a hardness of HRC 55, measuring 220×70 mm, and comes packaged in a sturdy wooden box for secure transport and storage.