

All Categories of Products: Total 11 categories

1. Agro Industrial
2. Bonhoeffer Industrial Segment
3. Construction
4. Diesel Machines
5. Domestic and Commercial products
6. Electric Machines
7. Garden and Forestry
8. Solar
9. Special Segment
10. Sprayers and Fumigation
11. Wood chipper and chaff cutter.

1. AGRO INDUSTRIAL

Overview: 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

Overview: Gasoline Generators at Bonhoeffer Machines are designed to provide reliable and efficient power solutions for 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 deliver stable electricity output with minimal maintenance.

Model	Max Power (kW)	Rated Power (kW)	Engine (HP)	Voltage (V)	Frequency (Hz)	Fuel Tank (L)	Oil Capacity (ml)	Runtime @ 50% Load (hrs)	Start System
BON-P-GG-2.8KW	2.8	2.5	7	120 / 240	50 / 60	15	600	11.5	Retractable
BON-P-GG-3.7KW	3.7	3.3	8	120 / 240	50 / 60	15	600	10	Retractable
BON-P-GG-5.0KW	5.0	4.5	9	120 / 240	50 / 60	15	1100	7	Retractable
BON-P-GG-7.5KW	7.5	7.0	14	120 / 240	50 / 60	27	1100	8	Electric
BON-P-GG-9.0KW	9.0	8.5	16	120 / 240	50 / 60	27	1100	9	Electric
BON-P-GG-9.5KW	9.5	9.2	18.5	120 / 240	50 / 60	55	1400	12.5	Electric
BON-P-GG-12.0KW	12.0	11.0	20 (2-cyl)	120 / 240	50 / 60	55	1500	11.5	Electric
BON-P-GG-13.5KW	13.5	13.0	34 (2-cyl)	120 / 240	50 / 60	55	1500	9	Electric
BON-P-GG-16.0KW	16.0	15.0	34 (2-cyl)	120 / 240	50 / 60	55	1500	7.5	Electric
BON-P-GG-18.5KW	18.5	18.0	34 (2-cyl)	120 / 240	50 / 60	55	1500	7	Electric

Notes: All models feature 100% copper stator coils for enhanced conductivity and durability. OHV 4-stroke engines ensure reliable performance.

1.2 Gasoline Inverter Generators

Overview: Bonhoeffer Machines' Gasoline Inverter Generators are designed for efficient and stable power output, ensuring clean electricity with minimal harmonic distortion. Ideal for sensitive electronic devices, they offer 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 low fuel consumption makes them eco-friendly.

Model	Max Power (kW)	Engine (HP/cc)	Voltage (V)	Frequency (Hz)	Fuel Tank (L)	Oil Capacity (L)	Runtime @ 50% Load (hrs)	Start System	Noise Level (dB @ 7m)
BON-P-GI-1.8K W	1.8	3	120	50 / 60	4	0.5	7	Manual	-
BON-P-GI-2.1K W	2.1	- (79cc)	230 / 120	50 / 60	4	0.5	5.7	Manual	-
BON-P-GI-2.5K W	2.5	5	120	50 / 60	4.5	0.58	4.5	Manual (Opt. Electric)	≤ 72
BON-P-GI-2.9K W	2.9	5	120	50 / 60	4.5	0.58	4.2	Manual (Opt. Electric)	-
BON-P-GI-3.5K W	3.5	7.5	120	50 / 60	7.8	0.60	7.5	Manual (Opt. Electric)	-
BON-P-GI-3.8K W	3.8	7.5	120	50 / 60	7.8	0.60	7.5	Manual (Opt. Electric)	≤ 70

BON-P-GI-5.5K W	5.5	10	120	50 / 60	17.5	0.60	5.3	Electric	-
BON-P-GI-7.5K W	7.5	16	120	50 / 60	26	0.60	8	Electric	≤ 77

Notes: All models feature permanent magnet alternators for efficiency. Tested for durability (e.g., 500-hour operation, waterproofing, UV resistance). OHV air-cooled engines ensure reliable performance.

1.3 Gasoline Tillers

Overview: 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, they feature adjustable tilling depths, sturdy blades, and ergonomic designs to enhance productivity.

Model	Engine (HP/cc)	Power (kW)	Tillage Width (mm)	Tillage Depth (mm)	Fuel Tank (L)	Oil Capacity (L)	Transmission
BON-DI-950	- / 418	5.8	-	-	6	1.65 (Engine), 3 (Trans)	Direct Clutch (2F+1R)
BON-GT-500B	3.5 / 149	2.7	-	-	1.1	0.5	Chain/Manual (2F)
BON-GT-500S	5 / -	-	300	80	1.2	0.5 (Engine), 0.15 (Gear)	Belt + Chain
BON-GT-900	- / -	-	950	100	-	-	All-Gear
BON-GT-950T	- / 208	5.22	-	-	2.5	1.6 (Trans)	Gear (2F+1R)

BON-GT-950C	- / -	-	1350	100	-	-	Shifter (-1,0,2,1)
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Notes: OHV engines and front-tine cultivators ensure effective soil aeration. Recommended oil: SAE10W-30. Rotational speeds vary (e.g., 62-145 rpm for BON-DI-950, 0.1-0.3 m/s for BON-GT-950T).

1.4 Gasoline Water Pumps

Overview: 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. Perfect for agriculture, construction sites, and heavy-duty water pumping needs.

Model	Engine (HP)	Max Discharge (L/hr)	Suction/Discharge (in)	Total Head (m)	Suction Height (m)	Fuel Tank (L)	Start System
BON-P-WP1.0-31	2	8,000	1.0	29	7	0.5	Recoil
BON-P-WP1.5-79	2	13,000	1.5	15	6	-	Recoil
BON-P-WP2.0-149	5	30,000	2.0	25	6	1.2	Recoil
BON-P-WP2.0-196	6.5	36,000	2.0	32	8	-	Recoil
BON-P-WP3.0-196	6.5	55,000	3.0	30	7	-	Recoil
BON-P-WP4.0-272	9	105,000	4.0	25	6	-	Recoil
BON-P-WP1.5-224HL	8	15,000	1.5 (Multi Discharge)	75	7	2.6	Recoil

BON-P-WP6.0-420	14	150,000	6.0	20	5	6	Recoil
BON-P-WP2.0-224HL	8	18,000	2.0 (Multi Discharge)	80	7	2.6	Recoil
BON-P-WP2.0-420HL	14	30,000	2.0	95	7	6	Recoil
BON-P-WP3.0-420HL	14	45,000	3.0 (Multi Discharge)	75	7	6	Recoil
BON-P-WP2.0-196CH	6.5	35,000	2.0	30	7	2.6	Recoil
BON-P-WP2.0-196TR	6.5	35,000	2.0	30	6	2.6	Recoil
BON-P-WP3.0-196TR	6.5	55,000	3.0	25	6	2.6	Recoil

Notes: Features include self-priming, cast iron impellers/volutes, and silicon carbide seals. Recommended oil: SAE10W-30. HL = High Lift, CH = Chemical Pump, TR = Trash Pump. Compression ratio: 8.5:1 for most models.

1.5 Gasoline Engines

Overview: 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. Engineered with advanced technology, they ensure smooth operation, low maintenance, and long-lasting reliability. Perfect for both professional and personal use, they offer easy starting systems and optimal power output.

Model	Power (HP)	Displacement (cc)	Torque (Nm)	Fuel Tank (L)	Oil Capacity (ml)	Start System
BON-P-GE-3.0HP	3.0	-	3.7	1.2	500	Retractable

BON-P-GE-3.5HP	3.5	-	4.4	1.25	500	Retractable
BON-P-GE-5.0HP	5.0	-	7.2	1.2	500	Retractable
BON-P-GE-4.0HP	4.0	-	6.5	1.2	500	Retractable
BON-P-GE-7.0HP	7.0	208	11.5	4.2	600	Retractable
BON-P-GE-9.0HP	9.0	270	17.5	7.5	1100	Retractable
BON-P-GE-13.0HP	13.0	389	26.0	7.5	1100	Retractable
BON-P-GE-14.0HP	14.0	420	27.0	7.5	1100	Retractable
BON-P-GE-16.0HP	16.0	-	29.0	7.5	1100	Retractable
BON-P-GE-24.0HP	24.0	- (V-Twin)	47.0	7.5	1500	Electric
BON-P-GE-34.0HP	34.0	- (V-Twin)	71.0	7.5	2500	Electric

Notes: All are 4-stroke, air-cooled OHV engines. Recommended oil: SAE10W-30. Max power typically at 3900-4000 rpm.

2. BONHOEFFER INDUSTRIAL SEGMENT

Overview: 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.

2.1 Welding Machines

Overview: 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, they 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. Suitable for MIG, TIG, and arc welding.

Model	Voltage (V)	Output Current (A)	Duty Cycle	Electrode Diameter (mm)	Frequency (Hz)	Start System
BON-WM-DUAL-200 A	110 / 220	10-120 (110V) / 10-160 (220V)	30% @ 200A	Φ1.6 - Φ5.0	50 / 60	Electric
BON-WM-DUAL-130 A	110 / 220	130 (IGBT MMA/Lift TIG)	-	-	50 / 60	Electric
BON-WM-DUAL-160 A	110 / 220	160 (IGBT MMA/Lift TIG)	-	-	50 / 60	Electric

Notes: Features advanced IGBT technology for energy efficiency and stable welds. BON-WM-DUAL-200A supports multiple voltage/frequency options (220V/60Hz, 220V/50Hz, 240V/50Hz).

2.2 Centrifugal Pumps

Overview: 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, they feature an electric motor with a fast cooling system, brass impellers for optimal water flow, and 100% copper winding for long-term reliability and minimal energy consumption.

Model	Engine (HP)	Voltage (V)	Max Head (m)	Frequency (Hz)	Fuel Tank (L)	Notes
BON-P-CP -0.5HP	0.5	110 / 220	18	60	-	Compact, 100% copper core
BON-P-CP -1.0HP	1.0	110 / 220	30	60	-	Versatile, high efficiency
BON-P-CP -2.0HP	2.0	220	20	60	-	High power, durable

Notes: Recommended oil: SAE10W-30. Features brass impellers for enhanced durability and efficiency.

2.3 Submersible Pumps

Overview: 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, they feature brass inlets and outlets to prevent oxidation, POM impellers for smooth water flow with minimal energy consumption, and 100% copper winding motors for superior resistance to high temperatures and long-lasting performance. Suitable for agricultural irrigation, industrial water transfer, and deep-well applications.

Model	Engine (HP)	Voltage (V)	Max Head (m)	Frequency (Hz)	Fuel Tank (L)	Notes
BON-P-SP -0.5HP	0.5	127 / 220	45	-	-	Compact, efficient

BON-P-SP -1.0HP	1.0	127 / 220	81	-	-	Deep well extraction
BON-P-SP -1.5HP	1.5	127 / 220	117	-	-	Reliable, versatile
BON-P-SP -2.0HP	2.0	127 / 220	130	-	-	High performance
BON-P-SP -3.0HP	3.0	127 / 220	138	-	-	Heavy-duty, industrial

Notes: Features brass inlets/outlets and POM impellers for durability and efficiency. 100% copper core ensures resistance to high temperatures. Frequency not specified, assumed to be 50/60 Hz based on standard applications.

3. CONSTRUCTION

Overview: Bonhoeffer Machines' 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.

3.1 Tamping Rammers

Overview: Bonhoeffer Machines' 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, they

ensure consistent results in compacting trenches, backfills, and foundation preparations. Their ergonomic design reduces operator fatigue while delivering optimal compaction power.

Model	Engine (HP)	Impact Force (kN)	Jumping Stroke (cm)	Blows per Minute	Plate Size (cm)	Start System
BON-P-TR-13.7KN-4.0HP	4.0	13.7	8.5	640-680	34.5 x 28.5	Manual
BON-P-TR-10 KN-4.0HP	4.0	10	6.5	450-650	34.5 x 28.5	Manual

Notes: Features 4-stroke gasoline engines for efficient compaction in tight spaces.

3.2 Plate Compactors

Overview: Bonhoeffer Machines' Plate Compactors are designed for efficient and reliable compaction of soil, sand, gravel, and asphalt. Ideal for construction, roadwork, and landscaping applications, they offer uniform compaction in smaller spaces. Built for durability, these compactors provide high-performance operation with easy maneuverability, ensuring stable foundation preparation and smooth surface finishes.

Model	Engine (HP)	Centrifugal Force (kN)	Compaction Depth (cm)	Frequency (vpm)	Speed (cm/s)	Efficiency (m ² /hr)	Base Size (cm)
BON-P-P C-10.5KN-6.5HP	6.5	10.5	20	5600	40	450	50 x 36
BON-P-P C-15KN-6.5HP	6.5	15	30	4200	-	-	55 x 44

BON-P-P C-11KN-6 .5HP	6.5	11	25	5700	36.7	462	45 x 35
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Notes: Powered by petrol engines with fuel gauges. Features foldable handles and protective frames for portability and durability.

3.3 Concrete Cutters

Overview: Bonhoeffer Machines' Concrete Cutters are designed for precise and efficient cutting of concrete, asphalt, and other hard materials. Perfect for construction, roadwork, and demolition tasks, they ensure clean, accurate cuts for expansion joints, trenches, or repairs. Built with powerful engines, they offer high durability and reliable performance, with adjustable cutting depths and easy maneuverability.

Model	Engine (HP)	Max Cutting Depth (cm)	Sheet Size (cm)	Water Tank (L)	Start System	Operation
BON-P-CC-1 4CM-13HP	13	14	30-45	35	Manual	Manual Push
BON-P-CC-1 5CM-13HP	13	15	30-45	30	Manual	Manual Push

Notes: Depth adjustment via handle rotation. Water tanks reduce dust and enhance cutting efficiency.

3.4 Concrete Vibrators

Overview: Bonhoeffer Machines' Concrete Vibrators are designed to improve the quality and durability of concrete structures by eliminating air pockets and ensuring uniform consistency during pouring. Ideal for construction, foundations, and paving applications, they feature powerful motors and adjustable vibration levels for optimal compaction, strength, and finish.

Model	Engine (HP)	Vibrating Head Length (m)	Head Diameter (mm)	Engine Type	Notes
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BON-P-CV-6 M-6.5HP	6.5	6	28-70	4-Stroke, Gasoline	Price excludes poker
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Notes: Equipped with oil gauge for engine monitoring. Versatile for various concrete pouring needs.

3.5 Concrete Power Trowels

Overview: Bonhoeffer Machines' Concrete Power Trowels are designed for smoothing and finishing concrete surfaces, ensuring a high-quality, durable finish. Ideal for large concrete slabs in construction, industrial, and commercial applications, they feature high-speed rotating blades to level, smooth, and polish concrete. Their ergonomic design and powerful engines ensure ease of operation and efficiency.

Model	Engine (HP/cc)	Power (kW)	Rotor Diameter (cm)	Blade Size (cm)	Weight (kg)	Notes
BON-PT- 6.5HP	6.5 / 196	4.1	91	35 x 15	78	Optional Honda GX160, floating tray
BON-SF S-38CC	1.2 / 37.7	0.9	-	122-488 (multi)	-	2-Stroke, optional Honda GX35

Notes: BON-PT-6.5HP is a 4-stroke, air-cooled, single-cylinder engine. BON-SFS-38CC offers versatile blade size options for screeding.

4. DIESEL MACHINES

Overview: 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.

4.1 Diesel Water Pumps

Overview: Bonhoeffer Diesel Water Pumps are engineered for efficient and powerful water transfer, suitable for agriculture, construction, and industrial applications. These pumps feature robust diesel engines, offering high pumping capacities and reliable operation in demanding conditions. Designed for durability and ease of use, they ensure effective water management for irrigation, drainage, and more.

Model	Engine (HP)	Max Discharge (L/hr)	Suction/Discharge (in)	Total Head (m)	Suction Height (m)	Start System
BON-P-D WP2.0-5.0 HP	5.0	16,000	2.0	12	-	Retractable
BON-P-D WP3.0-5.5 HP	5.5	30,000	3.0	13	8	Retractable (Opt. Electric)
BON-P-D WP4.0-10.0HP	8.6	50,000	4.0	15	8	Retractable (Opt. Electric)
BON-P-D WP2.0-10.0HP	10.0	25,000	2.0	68	8	Electric (No Battery)
BON-P-D WP3.0-10.5HP	10.5	45,000	3.0	90	8	Retractable (Opt. Electric)

Notes: Self-priming except for BON-P-DWP2.0-10.0HP and BON-P-DWP3.0-10.5HP (non-self-priming). All operate at 3600 RPM. BON-P-DWP3.0-10.5HP features a cast iron centrifugal pump for durability.

4.2 Diesel Generators

Overview: Bonhoeffer Diesel Generators are designed to deliver uninterrupted power supply with superior efficiency and durability. Engineered for industrial and commercial applications, they provide reliable backup and continuous power with robust 4-stroke diesel engines. Featuring efficient cooling systems, low fuel consumption, and noise-reduction technology, they ensure stable power delivery for construction sites, factories, and emergency needs.

Model	Max Power (kW)	Rated Power (kW)	Engine (HP)	Frequency (Hz)	Fuel Tank (L)	Oil Capacity (L)	Start System
BON-P-D G-3.0KW	3.0	2.8	6	50 / 60	12.5	1.1	Retractable (Opt. Electric)
BON-P-D G-3.5KW	3.5	-	-	50 / 60	-	-	Retractable
BON-P-D G-6.0KW	6.0	5.5	9	50 / 60	12.5	1.65	Retractable (Opt. Electric)
BON-P-D G-6.5KW	6.5	6.0	13	50 / 60	12.5	1.65	Electric
BON-P-D G-9.0KW	9.0	8.0	18.3	50 / 60	25	3.15	Electric
BON-P-D G-10.0KW	10.0	9.5	18.3	50 / 60	25	3.15	Electric

Notes: All feature 4-stroke engines. BON-P-DG-3.5KW lacks detailed specs but is noted for compact efficiency. High-quality alternators and control panels ensure smooth operation.

4.3 Diesel Engines

Overview: Bonhoeffer Diesel Engines are designed for exceptional performance, durability, and efficiency across industrial, agricultural, and commercial applications. Built with 4-stroke technology and air-cooling systems, they provide high power output and fuel efficiency while preventing overheating. These engines are ideal for powering heavy-duty machinery, offering reliable solutions with various power capacities.

Model	Power (HP)	RP M	Cylinder Size (mm)	Fuel Tank (L)	Oil Capacity (L)	Start System	Notes
BON-P-DE-5.0HP	5.0	3600	-	-	-	Recoil	Dry filter, 0.227L displacement
BON-P-DE-5.5HP	5.5	3600	73 x 59	2.5	0.75	Retractable (Opt. Electric)	-
BON-P-DE-6.0HP	6.0	3600	78 x 62	3.5	1.1	Retractable (Opt. Electric)	-
BON-P-DE-9.0HP	9.0	3600	86 x 70	5.5	1.65	Retractable (Opt. Electric)	-
BON-P-DE-10.2HP	10.2	3600	-	5.5	-	Retractable (Opt. Electric)	-

BON-P-DE-11.0 HP	11.0	3600	92 x 75	5.5	1.65	Retractable (Opt. Electric)	-
BON-P-DE-18.3 HP	18.3	3600	97 x 75	7	3.15	Retractable (Opt. Electric)	Two identical models listed

Notes: All are single-cylinder, air-cooled, 4-stroke engines. Cylinder sizes enhance durability and efficiency. BON-P-DE-18.3HP appears twice in the text with identical specs, treated as one model here.

5. DOMESTIC AND COMMERCIAL PRODUCTS

Overview: 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 solutions are built to optimize efficiency, ensuring high-quality results with easy operation and long-lasting durability.

5.1 Gasoline Pressure Washers

Overview: Bonhoeffer Machines' 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 various surfaces. Built for mobility and durability, they are perfect for large-scale cleaning projects, construction sites, agriculture, and vehicle maintenance, ensuring reliable performance in demanding environments.

Model	Engine (HP/cc)	Max Pressure (PSI/BAR)	Max Flow (L/min / GPM)	Pump Type	Notes
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BON-P-PW-G 6.5HP-AP	6.5 / 196	2800 / 193	11.3 / 3.0	Axial	Commercial-grade
BON-P-PW-6. 5HP-TP	6.5 / 196	3000 / 206	12.5 / 3.3	Triplex	Professional-grade
BON-P-PW-G 6.5HP-TP	6.5 / 196	3000 / 206	12.5 / 3.3	Triplex	OHV, 10m hose, low oil protection
BON-P-PW-G 9.0HP-TP	9.0 / 270	3400 / 235	15.0 / 4.0	TRFplex	OHV, low oil protection
BON-P-PW-G 13.0HP-TP	13.0 / 389	3600 / 248	17.0 / 4.5	TRFplex	OHV, low oil protection

Notes: All feature gasoline OHV engines for robust performance. TRFplex pumps enhance durability for heavy-duty use.

5.2 Pressure Washers for Home Use

Overview: Bonhoeffter Machines' Pressure Washers for Home Use are designed for efficient and convenient cleaning around the house. These electric washers provide optimal pressure and flow for everyday tasks like car washing, driveway cleaning, and outdoor maintenance. Lightweight, compact, and user-friendly, they offer powerful yet portable cleaning solutions for homeowners.

Model	Power (W)	Voltage (V)	Frequency (Hz)	Working Pressure (bar)	Max Pressure (bar)	Flow Rate (L/min)	Motor Type
BON-E-P W-1400 W	1400	127	60	70	105	5.5	Brush

BON-E-P W-1600 W	1600	127	60	90	135	5.5	Brush
BON-E-P W-2000 W	2000	127	60	100	150	6.0	Brush

Notes: Ideal for light to medium-duty household cleaning tasks. Brush motors ensure consistent performance.

5.3 Direct Driven Air Compressors

Overview: Bonhoeffter Machines' Direct Driven Air Compressors are designed for high-efficiency air compression in industrial and commercial applications. Featuring a direct drive system, they ensure reliable power transfer and minimal maintenance. Compact and easy to operate, they provide consistent performance for painting, inflating, and powering pneumatic tools, making them ideal for workshops, garages, and construction sites.

Model	Power (HP/kW)	Tank Capacity (L)	Voltage (V)	Frequency (Hz)	Max Pressure (bar/psi)	Airflow (ft ³ /min / L/min)	Fill Time
BON-P- DDAC-2 5L	2 / 1.5	25	220	60	8 / 115	8.5 / 233	1 min 30 sec
BON-P- DDAC-5 0L	2 / 1.5	50	220	60	8 / 115	8.5 / 233	3 min 30 sec

Notes: Operate at 3400 RPM with 270 ml oil volume for lubrication. Piston design ensures efficiency and durability.

5.4 Vacuum Cleaners

Overview: Bonhoeffter Machines' Vacuum Cleaners are designed for high-efficiency cleaning in both residential and commercial environments. These 3-in-1 wet and dry vacuum cleaners handle dust, debris, and liquid spills with powerful suction. Ideal for large areas, construction

sites, and industrial use, they feature strong motors, durable construction, and easy mobility for tough cleaning jobs.

Model	Power (W)	Tank Capacity (L)	Suction (kPa)	Voltage (V)	Cable/Hose Length (m)	Noise Level (dB(A))	Filter Type
BON-VC-1400W-30L	1400 (1200/1600 opt.)	30	17	-	4 / 1.5	80	HEPA
BON-VC-1400W-50L	1400 (1200/1600 opt.)	50	17	-	4 / 1.5	80	HEPA

Notes: Copper motors ensure durability. Stainless steel tanks and wheels/handles enhance mobility. Suitable for car washes, garages, and factories.

6. ELECTRIC MACHINES

Overview: Electric Machines at Bonhoeffer 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. Bonhoeffer's electric tools are perfect for users who prioritize sustainability and convenience while maintaining reliable and powerful performance.

6.1 Electric Lawn Mowers

Overview: Bonhoeffer Machines' 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 adjustable cutting heights for precise grass trimming and feature lightweight designs with large grass collection capacities. Ideal for residential lawns and smaller to medium-sized gardens, they ensure smooth operation while reducing your environmental footprint.

Model	Power (W)	Cutting Width (mm)	Cutting Heights (mm)	Grass Collection (L)	Wheel Size (mm)	No-Load Speed (RPM)	Weight (kg)
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BON-E-L M-1600 W	1600	380	25-75 (6 levels)	45	150 (F) / 200 (R)	2800-330 0	14.4
BON-E-L M-1800 W	1800	440	25-75 (6 levels)	45	170 (F) / 220 (R)	2800-330 0	15.3

Notes: Both models are designed for medium to large lawns, offering easy maneuverability and clean, even cuts.

6.2 Electric Pressure Washers

Overview: Bonhoeffer Machines' Electric Pressure Washers are designed for high-efficiency cleaning with eco-friendly electric power. These washers provide powerful water pressure to remove dirt, grime, and stains from surfaces like cars, driveways, and patios. Lightweight, compact, and user-friendly, they feature adjustable pressure settings for flexibility across various cleaning tasks, ensuring energy efficiency and low maintenance.

Model	Power (kW/HP)	Voltage (V)	Frequency (Hz)	Max Pressure (PSI/BAR)	Max Flow (L/min / GPM)	Pump Type
BON-P-PW -E2.2KW	2.2 / 3	110 / 220	50 / 60	1800 / 124	8.3 / 2.2	Triplex
BON-P-PW -E3.0KW	3.0 / 4	110 / 220	50 / 60	2200 / 152	9.1 / 2.4	Triplex
BON-P-PW -E5.5KW	5.5 / 7.4	110 / 220	50 / 60	3000 / 207	13.2 / 3.5	Triplex
BON-P-PW -E7.5KW	7.5 / 10	110 / 220	50 / 60	3600 / 248	18.5 / 4.9	Triplex

Notes: All models feature professional-grade Triplex pumps for durability. Suitable for tasks ranging from home use to heavy-duty industrial cleaning.