

Bonhoeffer Machines Agro-Industrial Products Catalog

Complete Model Specifications (March 19, 2025)

1. Gasoline Generators

Overview: Reliable power solutions for industrial, commercial, and residential use, featuring robust construction and fuel efficiency.

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

Notes: All models feature a 100% copper stator coil, operate at 50/60 Hz, and use OHV 4-stroke engines.

2. Gasoline Inverter Generators

Overview: Stable, clean power for sensitive electronics, with quiet operation and portability.

Model	Max Power (KW)	Engine (HP)	Fuel Tank (L)	Runtime @ 50% Load (hr)	Voltage (V)	Start System	Noise Level (dB @ 7m)
BON-P-GI-1.8KW	1.8	3	4	7	120	Manual	-
BON-P-GI-2.1KW	2.1	79cc	4	5.7	230/120	Manual	-
BON-P-GI-2.5KW	2.5	5	4.5	4.5	120	Manual (opt. Electric)	≤72
BON-P-GI-2.9KW	2.9	5	4.5	4.2	120	Manual (opt. Electric)	-
BON-P-GI-3.5KW	3.5	7.5	7.8	7.5	120	Manual (opt. Electric)	-
BON-P-GI-3.8KW	3.8	7.5	7.8	7.5	120	Manual (opt. Electric)	≤70
BON-P-GI-5.5KW	5.5	10	17.5	5.3	120	Electric	-
BON-P-GI-7.5KW	7.5	16	26	8	120	Electric	≤77

Notes: All models use OHV air-cooled engines and permanent magnet alternators, ensuring low harmonic distortion.

3. Gasoline Tillers

Overview: Efficient soil preparation tools for agriculture, gardening, and landscaping.

Model	Engine Power	Displacement (cm³)	Fuel Tank (L)	Tillage Width (mm)	Tillage Depth (mm)	Transmission
BON-DI-950	5.8KW @ 3600 rpm	418	6	-	-	2F + 1R (direct clutch)
BON-G T-500B	2.7KW (3.5HP)	149	1.1	-	-	2F (chain/manual)
BON-G T-500S	5HP	-	1.2	300	80	Belt + Chain
BON-G T-900	-	-	-	950	100	All-gear
BON-G T-950T	5.22KW @ 3200 rpm	208	2.5	-	-	2F + 1R (gear)
BON-G T-950C	-	-	-	1350	100	Shifter (-1, 0, 2, 1)

Notes: Models feature OHV engines and durable tines/blades for various soil types.

4. Gasoline Water Pumps

Overview: Efficient water transfer for irrigation, drainage, and emergencies.

Model	Engine (HP)	Max Capacity (L/hr)	Suction/Discharge (in)	Total Head (m)	Suction Height (m)	Fuel Tank (L)
BON-P-W P1.0-31	2 @ 7000 rpm	8,000	1.0	29	7	0.5
BON-P-W P1.5-79	2	13,000	1.5	15	6	-
BON-P-W P2.0-149	5 @ 4000 rpm	30,000	2.0	25	6	1.2

BON-P-W P2.0-196	6.5	36,000	2.0	32	8	-
BON-P-W P3.0-196	6.5	55,000	3.0	30	7	-
BON-P-W P4.0-272	9	105,000	4.0	25	6	-
BON-P-W P1.5-224H L	8 @ 3800 rpm	15,000	1.5 (multi-discharge)	75	7	2.6
BON-P-W P6.0-420	14 @ 3600 rpm	150,000	6.0	20	5	6
BON-P-W P2.0-224H L	8 @ 3800 rpm	18,000	2.0 (multi-discharge)	80	7	2.6
BON-P-W P2.0-420H L	14 @ 3600 rpm	30,000	2.0	95	7	6
BON-P-W P3.0-420H L	14 @ 3600 rpm	45,000	3.0 (multi-discharge)	75	7	6
BON-P-W P2.0-196C H	6.5 @ 3900 rpm	35,000	2.0	30	7	2.6
BON-P-W P2.0-196T R	6.5 @ 3900 rpm	35,000	2.0	30	6	2.6
BON-P-W P3.0-196T R	6.5 @ 3900 rpm	55,000	3.0	25	6	2.6

Notes: All pumps are self-priming with cast iron impellers/volutes (except chemical pump: plastic). Recommended oil: SAE10W-30.

5. Gasoline Engines

Overview: High-performance engines for agricultural and industrial applications.

Model	Power (HP)	Displacement (cc)	Torque (Nm)	Fuel Tank (L)	Oil Tank (ml)	Start System
BON-P-GE-3.0HP	3.0 @ 4000 rpm	-	3.7	1.2	500	Retractable
BON-P-GE-3.5HP	3.5 @ 4000 rpm	-	4.4	1.25	500	Retractable
BON-P-GE-5.0HP	5.0 @ 4000 rpm	-	7.2	1.2	500	Retractable
BON-P-GE-4.0HP	4.0 @ 4000 rpm	-	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 @ 3900 rpm	-	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 engines are 4-stroke, OHV, air-cooled, and use SAE10W-30 oil.