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## THE NEW BV 300 BLOWER



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Vib Cut



The new **BV 300** blower is a new generation 'ergonomic and ecological' machine ideal for an array of tasks, from cleaning pathways, roads or large surfaces to the collection of twigs, leaves and grass cuttings in the garden.

The machine is equipped with a very efficient, well-tuned and high-powered **Euro II** engine offering consistent performance with especially good power output at low speeds. It is also quiet and has an anti-vibrating **VibCut** system comprising 4 steel springs with plastic spacers guaranteeing **ease of use, quiet operation, simple maintenance** and **impressive fuel economy**. Its low weight, compact, curved shape and nozzle have been designed to guarantee a comfortable working posture even over prolonged use.

The blower can also be **converted into a garden-vac** to collect leaves, grass cuttings and other debris. Collected material is finely shredded by the steel blade on its rotor, reducing bag volume up to 1/12 of original volume, allowing for greater work freedom.

## PERFORMANCE AND TECHNICAL SPECIFICATIONS

- 30.5 cm<sup>3</sup> two-stroke Euro II engine with catalytic converter.
- 3-piece balanced drive shaft in forged steel with aluminium piston and forged connecting rod with two roller housings that guarantee consistent long-term performance.
- Speed and capacity: 12.0 m<sup>3</sup>/min - 720 m<sup>3</sup>/h - 70 m/sec
- Double-finned fan (fig. 1) specially designed for high air speed and capacity as well as efficient cooling of the engine. The suction grille has been placed on the opposite side of the operator to avoid catching on clothing and to guarantee high, consistent performance.
- Sound-proofed muffler with catalytic converter designed to reduce pollution of non-combustible hydrocarbons and for silent operation.
- Anti-vibration 'VibCut' system with 4 steel shock-absorbing springs to isolate the engine from the half-nut and reduce vibrations for the operator (fig. 2).
- Digital coil with variable advance and flywheel with newly-designed flaps guarantee improved engine functioning and enhanced cooling of the heating unit, even in difficult climatic conditions (such as high temperatures).
- An extremely low weight to power ratio offering high-efficiency performance.

## EASE OF USE

- Sliding on/off switch: allowing for maximum ease of use even with gloves on.
- 'Primer' feature: facilitating initial start-up, after each fuel refill and long idle periods.
- The accelerator lock simplifies machine operation, allowing the engine speed and capacity to be set according to the job required.
- Transparent fuel tank for checking the level at any time.
- The machine has a shredder with 4 steel blades (fig. 3) to chop up vacuumed material and drastically reduce collection bag volume.
- A tube and collection bag (optional kit fig. 4) transforms the machine into a practical garden-vac offering the same performance as the blower.
  - Nozzle (optional kit fig. 5) with duck-bill-shaped tip improves jet directionality and efficiency.

## EASE OF MAINTENANCE

- Filler cap and shape of fuel tank specifically designed for easy filling and emptying (fig. 6).
- Snap-release filter cover accessible without tools (fig. 7).
- Cloth filter ensures maximum engine protection if used in dusty locations. It is also reusable and easy to clean.
- The large protection grille on the suction side aids cleaning and rotor inspection (fig. 8).

## COMFORT

- VibCut anti-vibration system of 4 steel shock-absorbing springs between the motor and the nut can considerably reduce vibrations to the operator.
- Sound-proofed muffler to ensure reduced noise output and comfort during use.
- Upper handle in soft moulded rubber for improved grip and comfort (fig. 9).
- Accelerator lever lock allows the operator to fix the accelerator in different positions for a more relaxed and comfortable grip, modifying and regulating air flow according to the job in hand.
- Arc-shaped lower handle ensures a good grip when the machine is in vacuum mode (fig. 10).
- The carrying strap allows the weight of the machine to be distributed between the operator's arm and the shoulders.

Technical data	BV 300
Power	1.3 HP / 1.0 kW
Displacement	30.5 cm <sup>3</sup>
Max air volume	12.0 m <sup>3</sup> /min - 720 m <sup>3</sup> /h
Max air speed	70 m/sec
Fuel tank capacity	0.6 L
Collection bag capacity	36 L
Weight	4.5 Kg

