



Guyson Model D1000 Dust Collector

Where Quality Comes To The Surface

The engineered solution for efficient dust collection from large pressure-blast cabinets and multiple-gun automatic blast systems

General-purpose dust collectors or old-fashioned shaker-bag equipment just don't measure up to the performance standard set by the Guyson Model D1000. This powerhouse has all the special features you expect from the leading designer and builder of cabinet blast machinery.

Automatic pulse jet cleaning of the filter cartridges is microprocessor-controlled in the D1000. Guyson's advanced pulsing system is engineered to purge dust from the entire area of each filter without interrupting airflow and dust collection, so it keeps filtration at full efficiency and extends the working life of the cartridges.

Innovations like Guyson's slide-in cartridge carrier and lever-action filter clamp, our color-coded manometer gauge and our positive-set butterfly blast gate make the D1000 easy to use. The engineering of the total system and manufacturing to a high standard of quality make it work better for longer. The combination of convenience and function makes the Guyson Model D1000 the best-performing dust collector in its class.



- ▶ **Automatic deep-pulsing keeps filtration efficient**
- ▶ **Quiet operation - less than 80 dBA**
- ▶ **Easy-read gauge continuously shows filter status**
- ▶ **Extended-life cartridges are easily changed**
- ▶ **Meets or exceeds NEC and OSHA standards**

Contact Guyson today for a formal quotation or data on other Guyson dust collector models.

Toll-Free in U.S. & Canada: 800-633-6677

International: 518-587-7894 • Fax: 518-587-7840

Guyson Corporation

13 Grande Blvd. • Saratoga Springs, NY 12866-9090 • U.S.A.

GENERAL SPECIFICATIONS

Dimensions:	112" H x 40" W x 50" D
Blower:	3 HP
Extraction:	1000 cfm
Filter:	2 cartridges
Filter Area:	452 sq. ft.
Dust Drum:	22 gal. with roll-away dolly
Inlet Duct Diameter:	8" or 6"
Electric Supply:	240/460 VAC, 60 Hz, 3 phase (other voltages available)

www.guyson.net



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Here's what makes the Guyson D1000 tops in its class for cabinet-blast dust collection.

The Guyson D1000 is designed and manufactured in the U.S.A. by cabinet blasting specialists to out-perform generic cartridge or bag-house collectors and meet the demanding requirements of blast process dust collection for pressure-blast systems and automatic blast machines.



The heart of the D1000 is Guyson's pleated paper filter cartridge, which has an enormous 226 square feet of filter area per cartridge. The Guyson cartridge is treated with flame retardant and is pre-coated to provide an average

efficiency at first use of 99.9 percent for particles of 0.5 micron or larger, with no run-in period.

Engineered with Goyen's GOCO technology, Guyson's cartridge cleaning system optimizes the removal of dust from the whole filter, with no interruption of blasting operations or extraction airflow. Pulsing is micro-processor-controlled to automatically direct a brief and measured burst of compressed air to each cartridge.

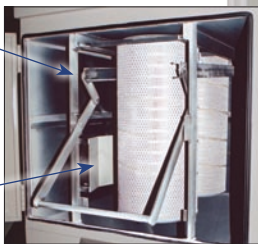
The D1000 has a convenient 22 gallon roll-away dust drum to contain extracted dust. Available options include a HEPA filter to meet the most stringent particulate emissions standards, a separate pressure differential gauge to monitor the condition of the HEPA filter, and an electronic sensor and fault indicator for full dust drum.



Powerful blower extracts 1000 cfm of air with an energy-efficient 3 HP, TEFC, 3450 RPM, AC motor. Nonferrous blower impeller is classified AMCA Type B for excellent spark resistance

Cabinet body fabricated of continuously welded 12-gauge steel plate. Reinforced body panels quell vibration and noise

Easy-change cartridge slides in, sealed and locked in position by smooth lever action clamping mechanism



Inlet baffle with abrasion-resistant coating protects filters, disperses dust



FRONT

BACK

Exclusive Magnehelic® gauge



displays pressure differential across filter, indicates when cartridge change is needed

Positive-set butterfly blast gate



indexed to simplify airflow adjustment and tuning of reclamation system

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Guyson Corporation is committed to continuous product improvement; therefore, we reserve the right to make product and specification changes without notice.

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