



Tornado Down Draft Work Benches

Media Blast® offers many different configurations for the collection of Nuisance Dust using down draft work bench airflow design that can also be a standalone work table less dust collector seen in the Tornado Work Table design.

Build your own custom Tornado configuration using simple questions you ask yourself about how best to capture the dust created by your exact application using the modular three basic sections. The bottom is the dust collector, mid-section is the table size and top is the dust capture configuration.

1. Decide on the width of the bench, 36-inches or 47-inches. This is both the width of the bottom dust collector section and the width of the work table.
2. The Tornado has two filter area sizes, Single 220 square foot cartridge filter or Dual 440 square feet of cartridge filter.
3. The next decision to make is the depth of the work table you work on; this is called the mid-section and has the composition bar grates that move up and down inside the mid-section and boost velocity speed at the table top by closing off 50% of the open area. The mid-section can be stand-up or front overhang allowing sit-down operation. The mid-section can be many different depths, 24", 30", 36" or 44" deep with a tapered front overhang allowing for sit-down operation.
4. Next you decide on the top configuration, Open Top with sides and back pulling air down and away from the operator for easy dust control or the Enclosed Top with Hinged Plexiglas for tougher dust control.
5. Last is the decision about the blower size and voltage, 700 cfm 120-volt blower for portability is standard or the larger 1100 cfm high voltage blower for tougher dust control.
6. Media Blast can help you with the right combination of the five decisions that create many different models; each added section bolts to the next section at the factory allowing many different sizes and combinations.

Pro Tip: Table top velocity is measured at the surface of the work grates. The actual open is reduced by the grates and perforated overlay to produce the exact table top velocity at the surface. All Tornado units use smart flow bench design to use the design to capture the free floating particles.

Tornado includes both Open Top Models and Enclosed Top Models. All Tornados are standard with the more portable 700 cfm blower but the optional 1100 cfm blower is also available on almost all sizes except the single 220 square foot filter models.

SPECIFICATIONS for only some of the many models

MODEL	WORK TOP	FILTER TYPE	STD. BLOWER
PC 32	36W x 24D	single cartridge	700 cfm 120 Volt
PC 42	47W x 24D	single cartridge	700 cfm 120 Volt
PC 3630	36W x 30D	dual cartridge	700 cfm 120 Volt
PC 3644	36W x 44D	dual cartridge	700 cfm 120 Volt
PC 3636	36W x 36D	dual cartridge	700 cfm 120 Volt
PC 4730	47W x 30D	dual cartridge	700 cfm 120 Volt
PC 4744	47W x 44D	dual cartridge	700 cfm 120 Volt
PC 4736	47W x 36D	dual cartridge	700 cfm 120 Volt

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All the above models are available in "PCE" models indicating Enclosed Top, PC model number indicate Open Top design with sides and back for airflow direction.

Optional 2 HP 1100 cfm blower is available on all dual cartridge units that contain 440 square feet of filter surface area.

All Models are also available in **Tornado Work Table Models**, less the dust collector, for connection to larger central dust collector. All "PCW" and "PCEW" Work Table Models have dust collection hoppers and duct outlet sized for connection to existing central dust collector or wet dust collector.

The Tornado™ Pollution Control Down-Draft Work Bench and Work Tables Includes Three Modular Sections for many different configurations



PCE 4744

1. 47" wide bottom dust collector base
2. Dual Cartridge 440 square foot filters
3. Mid-Section, 44" deep with 17" front tapered sit-down or stand-up operation
4. Enclosed Top Section with hinged view panel, Plexiglas Std., for easy part load and unload
5. Optional 2 HP 1100 cfm blower available for higher dust capture velocity

3 Bolt-Together Sections

- 2 Tops Configurations
- 2 Blower Sizes
- Different Table Top velocities



PC 4730

- 47" wide bottom dust collector base
- Single Cartridge 220 square foot filter
- 30" deep work table with 6" front tapered for sit-down or stand-up operation
- Open Top with back and side air direction design
- 700 cfm 120 volt blower for portable operation

ALL TORNADO PC AND PCE MODELS INCLUDE

- 120-volt 700 cfm blower standard or optional high voltage 1100 cfm blower upgrade (class III pressure blower)
- 12- & 14-gauge CRS welded construction
- Catalyst paint, low VOC
- Toe kick for stand up and sit-down operation
- Fiberglass bar grating with perforated metal for increased top velocity
- LED cabinet lighting
- 200 to 500 standard table top velocity, bench size and blower size determine
- Cartridge(s) maintenance and service door
- Exhaust blower silencer
- Removable dust storage pan
- Open top or Enclosed Top models
 - Hinged Plexiglas view panel with enclosed top models
 - Side panels with back on open top models

Other Available Options Include: HEPA After Filter, Casters, Steel Bar Grates, Rubber Dipped Grates, Fixed Turntable, Safety Glass View Panel, Magnahelic Monitor Gauge, Sound Panels and More....