



8300 Series: Down Draft Table

Heavy-Duty Workbench for Welding, Cutting, & Grinding with Cleanout & Exhaust Outlet

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KEA's 8300 Series Down Draft Table for grinding, welding, cutting, sanding, or scaling. Heavy-duty ½" thick plasma cut steel top. Table maximizes efficiency to collect fumes, smoke and fine particles. Connects to a centralized or a KEA dedicated dust collection system.



KEA's heavy duty down draft table is engineered to provide balanced airflow at every point on the table away from workers in a package that is designed to stand up to everyday use in an industrial setting

- Standard Features:
- High bench-top weight capacity
 - Bolt-on tray which collects heavier chips
 - Pinned back and side panels to direct sparks and grinding dust down into the table (removable)
 - Sizes Available 36"W x 30"D and 48"W x 48"D (other made-to-order sizes available)
 - Improves productivity, cleanliness and air quality by trapping fumes and dust at the source

Construction: KEA’s down draft table is fully welded and fabricated of 10 ga and 12 ga mild steel, ¼” thick angle iron legs, and oiled (unfinished) ½” thick steel table top (other options available). Grounding lug. Components are powder coated grey, with other colors available as an added option. Made In USA.

Features

- Efficiently & evenly collects fumes & dust from the entire work surface into lower centralized plenum and exhausts out
- Interior slats balance air flow and allow heavy chips and dust to exit via flowing air stream
- Heavy duty construction for industrial strength and long life usage
- Upward exhaust transition fits on back to minimize footprint
- No need to move a fume arm as air draws across entire down draft table constantly
- Worker safety is improved by removing respirable dust from immediate workspace

Includes

- ½” thick steel table top with grounding lug: capable of holding 60 pounds per sq. ft.
- Standard table height is 34”
- Square to round exhaust outlet on back
- 3 Gallon waste hopper 18”L x 9” ½W x 4”H

Customizations Available

- Down draft table sizes
- Work bench surfaces to your specific application

Options Available

- Exhaust transition: up or down (specify)
- Adjustable leg risers
- Custom colors

Accessories

- KEA’s fume exhauster systems
- KEA’s CyKLEAN model 2930 collector (for particulate collection only)

Collect fumes & particulate at the source with KEA’s down draft table & optional fume exhausters

Specifications

KEA Model#	Physical Size	Weight	CFM Across Tabletop †	Outlet CFM *	Square to Round Outlet Transition
8336	36”W x 30”D x 46”H	350 lbs.	260	260	6” Dia.
8344	48”W x 48”D x 46”H	575 lbs.	550	580	8” Dia.

† Recommended minimum air velocity of 100 fpm according to OSHA General Industry Standards and Interpretations, Part 1910, Subpart Q – Welding, Cutting, and Brazing 29 CFR 1910.252(c)(3)(iii) link:

https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_id=9853&p_table=STANDARDS

Recommended maximum air velocity of 100 fpm “at the work (welding or cutting) zone” in order to “prevent disturbance of the arc or flame”, according to Section 5.4 in American Welding Society ANSI Z49.1:2012 “Safety in Welding, Cutting and Allied Processes”.

* 3000 fpm conveying velocity in duct



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