

iFLUX|5 ELITE

With 18 square meters of filter surface area, the iFlux|5 Elite is the most efficient 5HP dust collector currently on the market.

The machining of MDF, Melomene, Painted Panels, and other man made material creates a very fine and harmful dust to the surrounding operators. For the dust collector it is even worse; the filters get clogged and the bags can even blow off causing a dust cloud of harmful particulate into the shop.

The iFlux|5 Elite has solved this issue by using an appropriate filter arrangement with 286 square feet of surface area – double that of a typical 5HP collector. To do this, we used a smaller diameter bag, and a lot more of them. This arrangement maximizes the amount of surface area possible which is vital to adequate airflow through the collector.

Keeping these filters clean was addressed in the design. The positive pressure chamber pushes the air through the filters as the dust falls in the EZlift waste bins. As the dust cakes on, it will fall into the bin. A shaking mechanism has been added to help release the caked dust.

The iFlux Elite series has been tested in the assembly line, and it is ready for all fine dust applications. CNC Router dust collection and widebelt sanding dust collection will be best suited for the iFlux Series.

- Power Requirements: 220V/ 60Hz / 3Ph
- Amperage:
- Floor Space: W2514mm x L1140mm
- Machine Weight: 606.3 lbs (275kgs)
- Shipping Weight: 723.1 lbs (328kgs)

- Motor HP: 5
- Motor RPM: 1720
- Air Flow: 3991CFM @ 5"wc
- Inlet Diameter: 12"
- Filter Area: 286.3 ft²
- Filter Bag: 28 x D168mm x H1800mm
- Filter Bag Material: Polyester
- Filter Cleaning: Manual Shaker
- Waste Bin: EZlift Metal Bin 64gal x 2



LAGUNA
iFLUX
SuperMax
ENDURO
SHEARTECH
SMARTSHOP

iFLUX|5 ELITE

Airflow 3991CFM @ 5"wc

The 12" inlet has a net airflow of 3991CFM with a static pressure of 5"wc. A typical CNC Router needs a minimum requirement of 1500CFM, while a typical 37" widebelt sander would call for a minimum 2000CFM. This makes the iFlux 5 a great fit for a CNC Router based cabinet shop that would be running several tools at once.

Fine Dust Ready

With fine dust, the key is to have a large filter surface area and to keep those filters clean. The smaller tube filter design of the iFlux|5 Elite are designed for the fine dust to cake on and the inner side of the filters and fall down into the bin as the mass grows. The filter surface area of the iFlux |5 Elite is 286 square feet. A typical 5HP dust collector has a surface area of 150 square feet. This increase in filter area translates to a large increase in airflow, making the iFlux an ideal machine for fine dust applications.

Quick Lever Waste Bins

The waste bins are easier to change than the kitchen garbage. Deactivate the air tight seal by pulling up the release bar and roll out the bin. The positive pressure design means there is no need for a bag hold down system like in multi-stage system. The wheels swivel 360 degrees and are mounted on a sturdy base to ensure they work in your shop for many many years.

Additional Features

The iFlux 5 Elite fine dust collector displays an amperage read out on the control panel. This allows the user to monitor the efficiency of the motor. A high frequency remote is also included standard so that the operator can turn the machine on and off with a 60 meter range.

Safety

There are several NFPA standards in place to ensure the proper installation and use of a dust collector. For woodworkers, the standard is NFPA 664: Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities. The iFlux 5 Elite complies directly with this standard. In addition, the iFlux is fitted with a phase controller and TEFC motor for added electrical safety.

