



THE WORLD LEADER IN  
FUME EXTRACTION TECHNOLOGY

## PRESS RELEASE

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### **BOFA introduces most powerful extraction system to date**

Industrial laser operators can now benefit from the most powerful fume extraction system ever manufactured by BOFA International.

The company is introducing the AD 4000 iQ unit to meet the evolving extraction needs of the laser sector, which is developing ever-larger systems, including fibre-laser technology for more demanding applications. The new AD 4000 iQ will help operators meet these changing needs by offering larger air flow and higher vacuum fume extraction performance that will enhance productivity while simultaneously ensuring that working environments remain healthy for their people.

The new unit represents an important progression of current AD 4000 technology by introducing BOFA's patented Intelligent (iQ) Operating System technology, which provides greater system control and access to independent filter condition monitoring to avoid downtime through unscheduled filter replacement. It also allows the operator to set the recommended flow per the laser requirement and the display provides a real-time visual feedback that the air flow is correct.

In addition, the motors on the new model deliver higher vacuum performance – ideal for longer pipe runs and pressure drops - while the three DeepPleat DUO pre filters provide nearly three times the surface area of the previous AD 4000 model, thereby significantly extending filter life. The higher air flow capability means that fumes can be removed from a larger working area.

Product Manager at BOFA, Richard Heard, commented: "The new AD4000iQ is ideally suited to large bed laser cutting and engraving systems, offering optimised extraction performance along with enhanced monitoring and analytical tools, that all our systems featuring iQ benefit from."

BOFA was recently awarded a Queen's Award for Innovation for their iQ system and is a world leader in fume extraction system design and manufacture, pushing the boundaries of technology to help customers enhance productivity while maintaining healthy workplace environments.

[www.bofa.co.uk](http://www.bofa.co.uk)



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## Notes

**(Image of AD4000iQ unit attached)**

### **BOFA International**

BOFA International launched in 1987 as a small family business and has developed into a multi-award winning global leader in fume extraction and filtration, acknowledged as number one in the industry.

It now employs over 200 people at its headquarters in Poole, Dorset, and in addition has offices in Germany and the USA.

Its expertise in providing reliable, high quality fume extraction solutions has become well established over the last 30 years and trusted by all sizes of business in a wide cross section of industries including laser, electronics, mechanical engineering, printing, 3D printing, dental, medical, pharmaceutical and beauty.