

SEPARATION NOT COLLECTION

Unlike conventional systems that trap oil mist in filters, 3nine's patented disc stack technology separates 99.9% of oil mist right at the source. The result? Cleaner air, longer filter life, valuable cutting fluid recovered, lower operating costs, and a more sustainable work environment.



LED Monitoring provides real-time status updates for easy operation.

Counter flow separates the largest particles down to ~ 10 µm.

Fluid Recovery returns clean cutting fluid directly to the machine, minimizing waste.



HEPA filter removes 99.95% of remaining particles.

Disc Stack separates 99.9% of particles >1 µm.

CIP System sprays clean fluid to prevent buildup and reduce maintenance.

HOW IT WORKS

Disc Stack Technology: Our rotating disc stack separates oil mist directly inside the machine enclosure – ensuring high efficiency, compact installation, and reliable operation.

Fluid Recovery & Self-Cleaning: The CIP (Clean-In-Place) system keeps the disc stack clean for consistent performance with minimal maintenance. Recovered cutting fluid is returned directly to the machine, reducing waste and costs.

Cleaner Air, Greater Savings: With minimal filter use and maximum fluid recovery, our technology lowers maintenance, reduces energy consumption, and drives down total cost of ownership (TCO).

WHAT TO EXPECT

Lower TCO: Fewer filter changes mean reduced costs and downtime. Efficient oil-air separation also recovers oil and cutting fluid, lowering consumption and purchase costs.

Sustainability: Extended filter life creates less waste, while fluid recovery reduces oil loss — cutting both costs and environmental impact.

Health & Compliance: 99.9% clean air ensures a safer work environment, healthier employees, and easier regulatory compliance.

Technical Data	VERA
Air flow	500 m ³ /h
Power Supply	3-phase 200V-480V
W x H x D	582 x 1015 x 641 mm
Weight	98 kg
Inlet pipe	200 mm
Sound level	<69 db (A)

* Additional technical data available via the QR code.



DIMENSIONS

