



ADVANTAGES

- Innovative self-cleaning CoaPack filter elements
- Low maintenance and easy toolless filter change
- Suitable for continuous 3-shift operation
- Modular design for flexible configuration and different air volumes
- Progressive filtration design for highest separation efficiency
- Collection efficiency at 99,95% on particle size 0,3 micron and higher

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| Application | Due to its high degree of flexibility, the oil mist extractor Handte Oil Expert can be used with different industrial machining processes like cutting, drilling, grinding, milling, turning, roughing, broaching, honing, rolling, deep-drawing, pressing. |
| Installation Options | By combining different basic modules it is possible to design economically efficient central extraction systems for air volumes up to 70,000 m ³ /h (41,000 cfm) or more. The modular concept of the mist extraction system provides smooth, cost-efficient production conversions or extensions during ongoing operation. |
| Comment | The CoaPack filter element combines maximum filter area with a compact design. The construction ensures a homogeneous flow and optimal utilization of diffusion and coalescence - a significant separation mechanism for fine oil mist. The small load acting on the filter surface reduces the energy consumption and significantly increases the service life of the filter element. The powerful filtration of the mist extraction units Handte Oil Expert are attributable to the maximum possible balance between separation performance and regeneration of the separated cooling lubricant from the filter media. This goal is achieved by using drainage-friendly materials in connection with special drainage support mats, protective screens, and spacers. The flow direction of the filter media further supports the draining of the dirty air. |

With increasing production in modern manufacturing, energy consumption continues to grow, particularly in machining processes where cooling lubricants are used. As a result, there are higher demands for the separation of ultra-fine mists and fumes. Worker safety, production efficiency and capital equipment protection cannot be compromised. The Handte Oil Expert provides for optimum results even under the most challenging conditions.