

## LBP SmartFilter Ex

All-round round bag filter for demanding process and general dust application, including combustible dust applications. Suitable for both indoor and outdoor installation and available in variety of sizes and options.



LBP SmartFilter Ex is a round bag filter designed for continuous operation in many industries, for virtually every kind of process and nuisance dust, including combustible dust applications. It is customizable to perfectly fit customer specific demands, with 3 different bag lengths, filter area up to 266m<sup>2</sup> and airflow up to approx. 30.000 m<sup>3</sup>/h (depending on duct characteristics). The new and flexible product platform allows for filter size extension also for larger scale applications. It's suitable for high dust loads, with heavy, abrasive, fibrous, sticky and agglomerating dusts. All LBP units have generously sized integral pre-separation chambers and top-to-bottom air flow direction, which reduce the load on the filter bags, improve cleaning and increase bag lifetime. Constructed with 3 mm painted steel panels, it is robust, easy to install, cost effective to ship and provides adequate corrosion protection for typical industrial applications. Trace-heating and heat insulation are also available. LBP SmartFilter has a large accessories program including; fans, dust discharge systems, inlets, outlets, bins etc., and can be equipped with package of sensors. It has full compliance to global directives, especially important on combustible dust (ATEX) applications. Insight ready control with advanced pulse cleaning logic provides for full system operation including control and monitoring, as well as gateway functionality for cloud communication.

- Gain control over filtration performance with Insight Analytics. Nederman's unique monitoring technology
- Reduced TCO through bag-friendly design, energy-saving and intelligent cleaning system with patented UNICLEAN solution and high-efficiency integral and standalone fans (Combifab F)
- Future Proof system that is IoT prepared- Insight Ready
- Controller, HMI and Gateway all in one unit with the Insight Control Panel

<b>Product name</b>	LBP SmartFilter Ex
<b>Installation</b>	Indoor, Outdoor
<b>Material</b>	3 mm epoxy-polyurethane painted sheet metal
<b>Suitable for combustible dust</b>	True
<b>Filter cleaning method</b>	Pulse jet
<b>Application</b>	Dust
<b>Working pressure (kPa)</b>	- 6,0 - 2,0
<b>Dustbin volume (l)</b>	50 or 100 (with wheels)
<b>Filter Area (m<sup>2</sup>)</b>	13 - 266
<b>Capacity (max airflow m<sup>3</sup>/h)</b>	Approx. 30.000
<b>Filter material</b>	Depending on application
<b>Weight (kg)</b>	Configured product



Dust

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Description	Model
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