

## Nederman MJB 190 18-11 XL Dust Extractor

**Sorry, this machine is no longer available**

We might be able to meet your requirements with other [Dry Dust Filters](#) machines.



Stock No  
Manufacturer  
Model  
Year of Manufacture  
Approx Duty CFM / M<sup>3</sup>/Hr  
Filter Area ft<sup>2</sup> / m<sup>2</sup>  
Other Info  
Weight (kgs)  
External Dimensions (WxDxH mm)

[EU1354](#)  
[Nederman](#)  
MJB 190 18-11 XL  
2012  
15000 (max 17250) // 25500  
2156 // 210  
Formally Of Lotus Caterham F1 Race  
4100  
3000 x 5300 x 7250

### Description

#### MJB cartridge dust collector

Suitable for many different applications that generate fine dusts including metal grinding, welding fumes and most powders

The MJB range of reverse jet tubular bag dust and fume collectors was developed for continuous operation in industrial processes.

Metal • Cement • Powder Bulk • Welding • Plastic • Petro-Chemical • Pharmaceutical • Food

**Air Volume Range:** 5000 to 25,550 m<sup>3</sup>/hr (3,000 - 15,000 CFM) with the current 15kW fan sets supplied

## Key features

- Standard filter area of 3000m<sup>2</sup> (5113 ft<sup>2</sup>);
- Normal maximum operating temperature 80°C
- On-line cleaning with high efficiency diaphragm valves
- Compressed air pressure typically 5.0 to 5.5 bar
- Normal maximum negative/positive operating pressure 8000Pa/2000Pa
- Multiple media types to cater for most applications
- Electronic cleaning sequence controller in IP65 enclosure
- Robust welded steel construction
- Filter replacement from clean air side
- Twin hopper discharge bins
- Weatherproof for exposed locations
- Extended bag length version
- Space saving integral twin fan sets
- Independently tested with ATEX compliant features for St1, St2 and St3 dusts
- Integral pre-separation chamber, cross flow / down flow inlet air pattern

## Typical dust control and process applications

- Bulk materials handling – conveying, screening, sieving, mixing, bin/silo venting
- Shot, sand and bead blasting
- Building materials manufacture and distribution
- Dust extraction for all dry free flowing powders and granular material
- Welding and cutting – laser, plasma, arc
- Chemical, plastics and pharmaceutical powders

## MJB Specification

### Construction

Welded painted steel, clean air chamber 14 gauge thick steel; dirty air chamber 14 gauge

### Strength

Maximum negative and positive operating pressures:

Standard: minus 32" wg to plus 8" wg

The Marketplace for Surface Technology.  
New and Used Process Equipment & Machinery.  
*Machine Datasheet*



For explosion relief area calculation St1, St2, St3:

Reduced explosion pressure  $P_{red} = 0.2 \text{ bar}$ .

Operating temperature Standard unit:  $- 15^{\circ}$  to  $+ 175^{\circ}\text{F}$

Compressed air requirement Normal operating pressure for cleaning air:  $- 90 \text{ psi}$  (dry and oil free)

MJB units have generously sized integral pre-separation chambers to increase their dust load capacity whilst reducing the

For the MJB manufacturers original documentation manual please use the link:

<http://www.nederman.com/products/baghouse-dust-collectors/pulse-jet-baghouse-dust-collectors/~media/ExtranetDocum>

**Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.**