The Fumex range also includes fans, accessories and automatic control gear suitable for exhaust extraction.

**Manual and motor-driven exhaust hose reels for worksites with stationary vehicles**

The ASE (M) hose reel provides a handy solution for working with stationary vehicles, where you want to make the work area uncluttered or when the extractor is not being used.

The ASE has a spring return. For high ceilings and cases involving long hoses, the ASEM, a motor-driven hose reel, is available.

The product’s lightweight construction of aluminum/steel plate makes it easy for it to be fitted to ceilings, walls or floors.

Hose reels are available in three different widths and are equipped as standard with an EPDM hose which can be reshaped, with dimensions of 75, 100, 125 or 150 mm.

The hose reel system can both be connected to a separate fan or a central exhaust system.

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The Fumex range also includes fans, accessories and automatic control gear suitable for exhaust extraction.
**Dimension drawing (mm)**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Ø</th>
<th>Hose length</th>
<th>Drop</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manual return</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Motorized return</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimension Ø75 mm</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASE 65-75/5</td>
<td>75</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 65-75/7.5</td>
<td>75</td>
<td>7.5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 65-75/10</td>
<td>75</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td><strong>Dimension Ø100 mm</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASE 65-100/5</td>
<td>100</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 65-100/7.5</td>
<td>100</td>
<td>7.5</td>
<td>2</td>
</tr>
<tr>
<td>ASE 65-100/10</td>
<td>100</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>ASE 85-100/10</td>
<td>100</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td><strong>Dimension Ø125 mm</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASE 65-125/5</td>
<td>125</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 65-125/7.5</td>
<td>125</td>
<td>7.5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 85-125/10</td>
<td>125</td>
<td>10</td>
<td>1.5</td>
</tr>
<tr>
<td>ASE 85-125/12.5</td>
<td>125</td>
<td>12.5</td>
<td>1</td>
</tr>
<tr>
<td>ASE 125-125/15</td>
<td>125</td>
<td>15</td>
<td>-</td>
</tr>
<tr>
<td><strong>Dimension Ø150 mm</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASE 65-150/5</td>
<td>150</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 85-150/7.5</td>
<td>150</td>
<td>7.5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 85-150/10</td>
<td>150</td>
<td>10</td>
<td>1.5</td>
</tr>
<tr>
<td>ASE 125-150/10</td>
<td>150</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>ASE 125-150/12.5*</td>
<td>150</td>
<td>12.5</td>
<td>-</td>
</tr>
<tr>
<td>ASE 125-150/15*</td>
<td>150</td>
<td>15</td>
<td>1.5</td>
</tr>
</tbody>
</table>

* Extra spring assembly included.

*The function is valid when using a Fumex original AG hose and Fumex nozzle with a weight of max 2.8 kg.

**Versions**

Fumex hose reels offer a variety of opportunities to adjust the hose length based on the planned mounting height.

**Recommendation:**

The recommended installation height for ASE is 3-4 m; an extra spring assembly is required if installed any higher.

Motor operation is always recommended when installing the reel at heights above 3-4 m in combination with hose lengths over 10 m.

**Additional information**

Information about suitable nozzles for Fumex hose reels is available in a separate product sheet “Exhaust nozzles”.

Refer to the “Automatic control unit for exhausts” product sheet to find out the maximum energy savings and minimum noise level achievable.
Accessories

**ASES 160 - Automatic damper**
An automatic mechanical butterfly damper is fitted in the connection sleeve.
The damper is activated by the hose reel’s rotation - when the hose is extended the damper opens. When the hose is reeled in, the damper is closed.
The damper has a clear indicator, showing whether the damper is open or closed.
The ASES 160 is an energy-saving accessory which can be supplemented with fan pressure control to make the system more efficient.
Fits: ASE/ASEM

![ASES 160 - Automatic damper](image)

**ASE 865 - Switch for fan/electric damper control**
An externally fitted switch is activated by the hose reel’s rotation. Switch is used to automatically start/stop the fan and electric damper.
A Fumex S 600/S 400 control unit is used as the finishing touch to the system. See the separate product sheet on automatic control units for vehicle exhausts.
Max 24 V supply voltage.
Fits: ASE/ASEM

![ASE 865 - Switch for fan/electric damper control](image)

**ASED - Extra spring assembly for manual hose reels**
An additional spring assembly is equipped when additional lifting power is required, e.g. for long hoses, thick hoses/nozzles, and when hoses are fitted at a high height. Supplied complete with drive shaft.
Weight: 7,5 kg
Fits: ASE

![ASED - Extra spring assembly for manual hose reels](image)

**ASL 160**
Hose, 0.2 m with hose clips for connecting the hose reel and pipe.
Fits: ASE/ASEM

![ASL 160](image)

**ASEM control devices**
A control device is used to reel the hose out and in easily and conveniently, while helping prevent work-related injuries.

**ASEM RADIO**
Radio control set (transmitter/receiver).
IP 55.

![ASEM RADIO](image)

**ASEM 1**
Wall-mounted control device.
IP 66.

![ASEM 1](image)

**ASEM 2**
Hanging control device.
IP 65.

![ASEM 2](image)
**Recommended air flow rate for extraction in vehicle workshops**

This recommendation applies when the rpm and engine load are low.

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>AIR FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private cars</td>
<td>400 m³/h</td>
</tr>
<tr>
<td></td>
<td>110 l/s</td>
</tr>
<tr>
<td>Trucks</td>
<td>1000 m³/h</td>
</tr>
<tr>
<td></td>
<td>280 l/s</td>
</tr>
</tbody>
</table>

**Specifications**

*Form of delivery*
Supplied complete with AG hose type.

*Surface treatment*
Sheet metal parts - Powder-coated.
Aluminum parts - Anodized.

*AG hose type:*
EPDM with polyester coil, can be reshaped, temperature range -30 °C – 170 °C.

*Spring*
Clock spring, spring steel DIN 1234.

*Motor (ASEM)*
390 W, 230 V, 50 Hz, IP 33.

*Weight (kg)*

<table>
<thead>
<tr>
<th></th>
<th>65</th>
<th>85</th>
<th>125</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASE</td>
<td>35</td>
<td>37</td>
<td>40</td>
</tr>
<tr>
<td>ASEM</td>
<td>33</td>
<td>35</td>
<td>38</td>
</tr>
</tbody>
</table>