**Extractor Magnets**

*EZ-Clean & Self-Cleaning Models Available*

**INTRODUCTION:**
IMI’s Extractors are designed for ferrous metal separation in high volume dry processing applications.

These high performance Extractors feature powerful parallel permanent magnets for continuous operation to capture ferrous tramp metal from direct material flow.

**OPERATION:**
As material enters through the Extractor’s inlet, it passes over a diverter which angles the product flow toward the magnets. Ferrous metal that is mixed in with the product flow is then captured and held by the powerful magnetic field.

The Extractor is designed to simplify the cleaning process to encourage frequent and quick removal of collected tramp metal.

Standard models are equipped with an EZ-clean stripper drawer to easily remove collected metal from the housing (metal must only be removed from the housing while the line is shut down). Extractors are also available in air-actuated self-cleaning models for automated or remote cleaning.

**FEATURES:**
- Stainless steel construction
- Positive locking clamps for drawer on all EZ-Clean Extractors
- Gasketed door for dust control

**OPTIONS:**
- Ceramic or Rare Earth magnetic circuit
- EZ-Clean or air actuated Self-Cleaning
- Custom sizes and transitions
- Super strength 45MgOe Rare Earth circuit
- Other Stainless Steel Grades available
- Food grade and sanitary grade construction
- Treated contact surfaces for highly abrasive products
- Collection pan to catch the ferrous metal after it is cleaned from the Extractor
- Rear access door

**Key Markets**
Magnets for Unimpeded Product Flows or dry to slight moisture content; i.e. powders, granular, leafy, etc...

**Related Products**
Split-Flow Magnets, The Ox®, Large Tube Housings, Plate Magnets, Hump Magnets

---

*All Photos And Drawings Represent The Products At The Time Of Publication (03/14)*
Extractor Magnets
Specifications and Dimensions For Extractor Magnets

SPECIFICATIONS:
- Stainless steel housing
- Food Grade Silicone gasket on door

FLOW RATES:
- Any product that passes through the matching chute size will pass through an Extractor.

EZ-CLEAN EXTRACTOR DIMENSIONS:

<table>
<thead>
<tr>
<th>EZ-Clean Models</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G (Width) Ceramic</th>
<th>G (Width) Rare Earth</th>
<th>Weight Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX0808_EZ</td>
<td>8</td>
<td>8</td>
<td>14</td>
<td>11</td>
<td>11</td>
<td>8.25</td>
<td>14-1/2</td>
<td>11-5/8</td>
<td>145</td>
</tr>
<tr>
<td>EX1008_EZ</td>
<td>10</td>
<td>8</td>
<td>14</td>
<td>13</td>
<td>11</td>
<td>8.25</td>
<td>16-1/2</td>
<td>13-5/8</td>
<td>150</td>
</tr>
<tr>
<td>EX1010_EZ</td>
<td>10</td>
<td>10</td>
<td>14</td>
<td>13</td>
<td>13</td>
<td>8.25</td>
<td>16-1/2</td>
<td>13-5/8</td>
<td>185</td>
</tr>
<tr>
<td>EX1012_EZ</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>13</td>
<td>15</td>
<td>8.25</td>
<td>16-1/2</td>
<td>13-5/8</td>
<td>225</td>
</tr>
<tr>
<td>EX1016_EZ</td>
<td>10</td>
<td>16</td>
<td>14</td>
<td>13</td>
<td>19</td>
<td>8.25</td>
<td>16-1/2</td>
<td>13-5/8</td>
<td>295</td>
</tr>
<tr>
<td>EX1020_EZ</td>
<td>10</td>
<td>20</td>
<td>14</td>
<td>13</td>
<td>23</td>
<td>8.25</td>
<td>16-1/2</td>
<td>13-5/8</td>
<td>370</td>
</tr>
</tbody>
</table>

All dimensions are stated in inches

SELF-CLEANING EXTRACTOR DIMENSIONS:

<table>
<thead>
<tr>
<th>Self-Cleaning Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G (Width) Ceramic</th>
<th>G (Width) Rare Earth</th>
<th>H</th>
<th>Weight Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX0808_SC</td>
<td>8</td>
<td>8</td>
<td>14</td>
<td>11</td>
<td>11</td>
<td>8.25</td>
<td>23-1/2</td>
<td>20-5/8</td>
<td>27-7/8</td>
<td>145</td>
</tr>
<tr>
<td>EX1008_SC</td>
<td>10</td>
<td>8</td>
<td>14</td>
<td>13</td>
<td>11</td>
<td>8.25</td>
<td>25-1/2</td>
<td>22-5/8</td>
<td>27-7/8</td>
<td>150</td>
</tr>
<tr>
<td>EX1010_SC</td>
<td>10</td>
<td>10</td>
<td>14</td>
<td>13</td>
<td>13</td>
<td>8.25</td>
<td>25-1/2</td>
<td>22-5/8</td>
<td>31-7/8</td>
<td>185</td>
</tr>
<tr>
<td>EX1012_SC</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>13</td>
<td>15</td>
<td>8.25</td>
<td>25-1/2</td>
<td>22-5/8</td>
<td>35-7/8</td>
<td>225</td>
</tr>
<tr>
<td>EX1016_SC</td>
<td>10</td>
<td>16</td>
<td>14</td>
<td>13</td>
<td>19</td>
<td>8.25</td>
<td>25-1/2</td>
<td>22-5/8</td>
<td>43-7/8</td>
<td>295</td>
</tr>
<tr>
<td>EX1020_SC</td>
<td>10</td>
<td>20</td>
<td>14</td>
<td>13</td>
<td>23</td>
<td>8.25</td>
<td>25-1/2</td>
<td>22-5/8</td>
<td>51-7/8</td>
<td>370</td>
</tr>
</tbody>
</table>

*Dimensions representative of product at date of publication. Please call for up-to-date changes if dimensions are critical.

Notes:
When ordering Extractors add “C” for Ceramic, “R” for Rare Earth, where you see the blank (_) in the part number. Example: EX0808C is a Ceramic EZ-Clean Extractor and EX1008RSC is a Rare Earth Self-Cleaning Extractor.