LSF39 Die Grinder
Power, Productivity and Ergonomics
Packed with power
The new LSF39 series have been equipped with a state of the art motor which delivers a class leading performance with up to 1.8 kW. This will make the time on the job shorter and give a higher output.

Ergonomic design
Ergonomics and user experience were the main focus for the new LSF39. The result is a rubberized grip and a trigger designed for long time use without discomfort. By combining low vibrations with a robust and long lasting product Atlas Copco continues to deliver the best value for the operator.

The unique LSF vibration dampening design allows the rotating spindle to flex under heavy load. Scatter dampening significantly extends the working life of rotary burrs and reduces cost of operation while also improving comfort and control.

Rubberized extension for a comfortable grip and high precision.
**Innovation**
Unrivaled performance for high productivity.

**Ergonomics**
Very low vibration levels and low weight reduce the exposure and strain on the operator.

**Durability**
A robust tool with low weight, designed for all day operation.

**Governor control**
Maximum power for continued strong grinding with no loss of rotational speed is enabled by the speed governor. The result is a high removal rate and savings of valuable compressed air.

**Governor controlled**

1.8kW motor. The high power minimizes the trigger time during grinding and sanding. A superior productivity that cuts costs on labour and abrasives, reducing the payback time dramatically.

**An ergonomic trigger that gives great comfort and control.**

**Robust 3 bearing design**

**Governor controlled**
**LSF39 Die Grinder**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max free speed</th>
<th>Max output</th>
<th>Collet size</th>
<th>Length</th>
<th>Weight</th>
<th>Air consumption at max output</th>
<th>Air consumption at free speed</th>
<th>Rec. hose size</th>
<th>Air inlet thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSF39 S120E</td>
<td>12000</td>
<td>1.5 kW</td>
<td>2.0 hp</td>
<td>6</td>
<td>1/4</td>
<td>367 l/s cmf 14.4 l/s 14.4 cmf</td>
<td>1.6 lb 3.6 lb 24/51 9.0 lb 19.1 lb 24/51</td>
<td>1/2</td>
<td>3/8</td>
</tr>
<tr>
<td>LSF39 S150E</td>
<td>15000</td>
<td>1.7 kW</td>
<td>2.3 hp</td>
<td>6</td>
<td>1/4</td>
<td>367 l/s cmf 14.4 l/s 14.4 cmf</td>
<td>1.6 lb 3.6 lb 28/59 12.1 lb 25.6 lb 28/59</td>
<td>1/2</td>
<td>3/8</td>
</tr>
<tr>
<td>LSF39 S180E</td>
<td>18000</td>
<td>1.8 kW</td>
<td>2.5 hp</td>
<td>6</td>
<td>1/4</td>
<td>367 l/s cmf 14.4 l/s 14.4 cmf</td>
<td>1.6 lb 3.6 lb 31/65 15.2 lb 32.2 lb 31/65</td>
<td>1/2</td>
<td>3/8</td>
</tr>
<tr>
<td>LSF39 S250E</td>
<td>25000</td>
<td>1.8 kW</td>
<td>2.5 hp</td>
<td>6</td>
<td>1/4</td>
<td>367 l/s cmf 14.4 l/s 14.4 cmf</td>
<td>1.6 lb 3.6 lb 33/70 13.2 lb 70.3 lb 33/70</td>
<td>1/2</td>
<td>3/8</td>
</tr>
</tbody>
</table>

**Accessories**

**Adapter**

UNC/W 5/8.
Cone wheel internal thread.

Ordering No. 4150 2292 90

**Rigid ring**

Ring for rebuilding flexible extended die grinder to rigid die grinder. Two rings are needed.

Ordering No. 4150 2319 00

**Service kit**

Ordering No. 4081 0581 03

Scan to learn how to add adapter.