

The Atlas Copco logo is located in the top left corner. It consists of the company name "Atlas Copco" in a white, italicized serif font, centered between two horizontal white bars. The background of the entire image is a photograph of a worker in a black uniform and gloves using a die grinder on a metal part, with bright orange sparks flying. A blue triangular graphic with technical drawings is in the bottom right.

*Atlas Copco*

# LSF39 Die Grinder

Power, Productivity and Ergonomics



# LSF39 Die G

## Packed with power

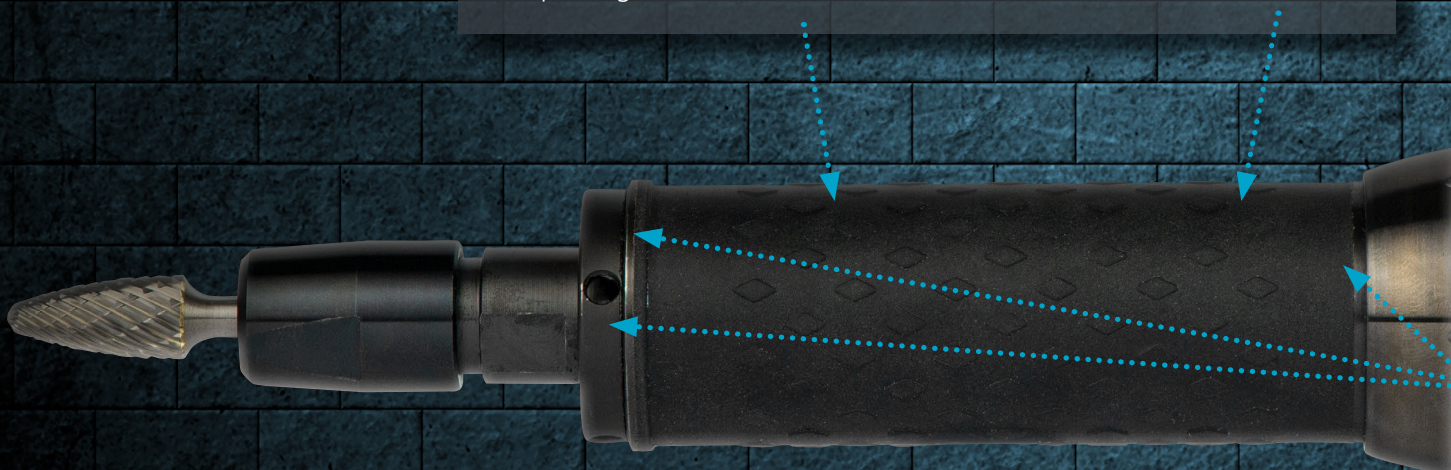
The new LSF39 series have been equipped with a state of the art motor which delivers a class leading performance with up to 1.8 kW. This will make the time on the job shorter and give a higher output.

## 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.



# rinder

## Innovation

Unrivalled performance for high productivity.

## Ergonomics

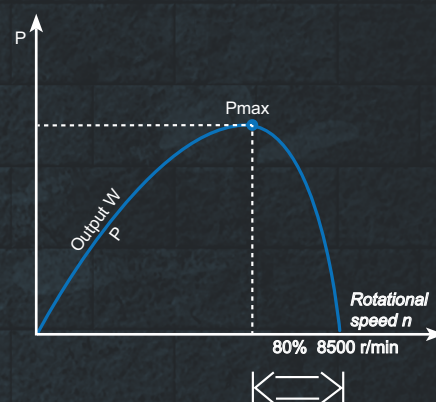
Very low vibration levels and low weight reduce the exposure and strain on the operator.

## Durability

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

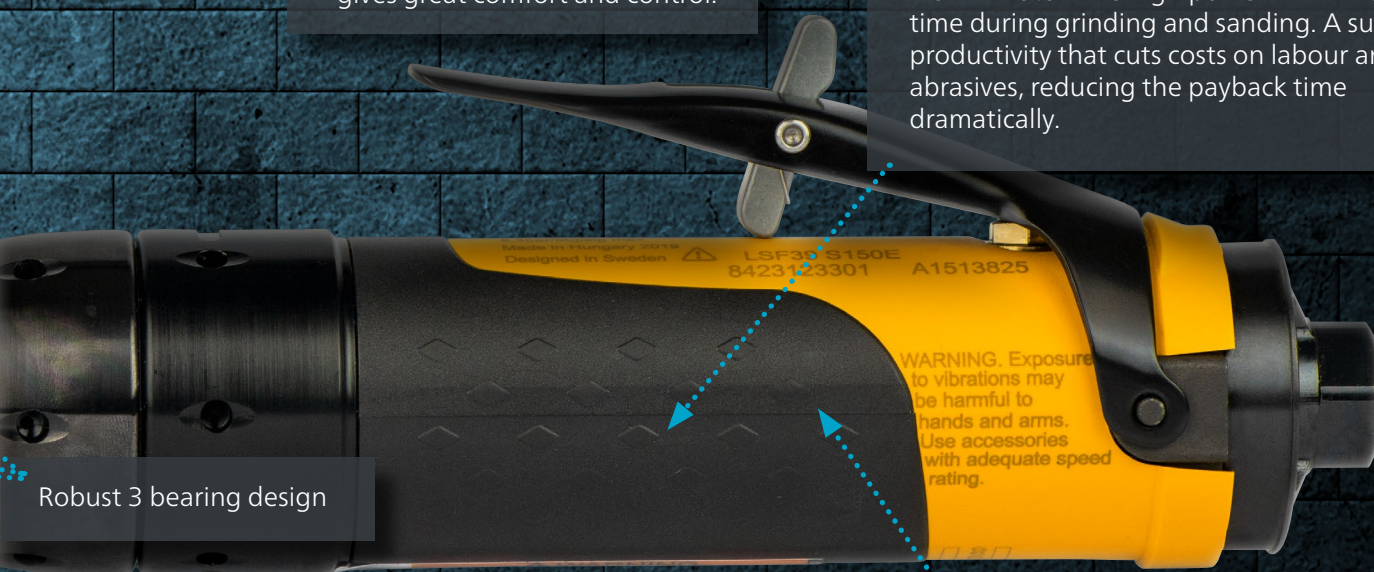
## Governor control

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.



An ergonomic trigger that gives great comfort and control.

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.



Robust 3 bearing design

Governor controlled





## LSF39 Die Grinder

| Model                 | Max<br>free<br>speed<br>r/min | Max<br>output<br>kW    hp |     | Collet<br>size<br>mm    in |     | Length<br>mm    in |      | Weight<br>kg    lb |     | Air con-<br>sump-<br>tion<br>at max<br>output |     | Air con-<br>sump-<br>tion<br>at free<br>speed |      | Rec.<br>hose<br>size<br>mm    in |     | Air inlet<br>thread |           | Scatter<br>damped | Ordering No. |
|-----------------------|-------------------------------|---------------------------|-----|----------------------------|-----|--------------------|------|--------------------|-----|-----------------------------------------------|-----|-----------------------------------------------|------|----------------------------------|-----|---------------------|-----------|-------------------|--------------|
|                       |                               |                           |     |                            |     |                    |      |                    |     | l/s                                           | cfm | l/s                                           | cfm  |                                  |     | BSP<br>in           | NPT<br>in |                   |              |
|                       |                               |                           |     |                            |     |                    |      |                    |     |                                               |     |                                               |      |                                  |     |                     |           |                   |              |
| Straight die grinders |                               |                           |     |                            |     |                    |      |                    |     |                                               |     |                                               |      |                                  |     |                     |           |                   |              |
| LSF39 S120E           | 12000                         | 1.5                       | 2.0 | 6                          | 1/4 | 367                | 14.4 | 1.6                | 3.6 | 24                                            | 51  | 9.0                                           | 19.1 | 13                               | 1/2 | 3/8                 | 3/8       | Yes               | 8423 1233 00 |
| LSF39 S150E           | 15000                         | 1.7                       | 2.3 | 6                          | 1/4 | 367                | 14.4 | 1.6                | 3.6 | 28                                            | 59  | 12.1                                          | 25.6 | 13                               | 1/2 | 3/8                 | 3/8       | Yes               | 8423 1233 01 |
| LSF39 S180E           | 18000                         | 1.8                       | 2.5 | 6                          | 1/4 | 367                | 14.4 | 1.6                | 3.6 | 31                                            | 65  | 15.2                                          | 32.2 | 13                               | 1/2 | 3/8                 | 3/8       | Yes               | 8423 1233 02 |
| LSF39 S250E           | 25000                         | 1.8                       | 2.5 | 6                          | 1/4 | 367                | 14.4 | 1.6                | 3.6 | 33                                            | 70  | 33.2                                          | 70.3 | 13                               | 1/2 | 3/8                 | 3/8       | Yes               | 8423 1233 03 |

## 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.

**Atlas Copco**

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