

## LLA2500L EX: Air hoist with a lifting capacity of 2500 kg , ATEX classified, lubrication free

8451 1550 41



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The LLA2500L EX is a lubrication free, compact and light chain hoist. It can be used either fixed or trolley mounted. The hoist is suitable for many different types of environments: dusty, hazardous, moist or hot. The hoist can be controlled in three different ways direct, pendent and twist rod.

### Features & benefits

- Sturdy, compact construction to withstand rough treatment
- Good low speed characteristics
- ATEX certified, Class Ex II 2G T5 IIB D100°C
- Easily installed almost anywhere, even with cramped working conditions and/or low ceilings
- Lubrication free

### Technical data

Units: [Metric](#) [Imperial](#)

| Technical Specifications   |                           |
|----------------------------|---------------------------|
| Max lifting capacity       | 2500 kg                   |
| Lubrication free           | Yes                       |
| Lifting speed at full load | 3.2 m/min                 |
| Chain drops quantity       | 1                         |
| Weight excl chain          | 42.5 kg                   |
| Chain weight               | 2.9 kg/m                  |
| Required chain-length      | Lifting height + 0.6 m    |
| Air consumption            | 40 l/s                    |
| Hose size                  | 12.5 mm                   |
| ATEX                       | Yes                       |
| ATEX code                  | Ex II 2GD c T5 IIC T100°C |
| Air inlet thread BSP       | 0                         |

### Additional products for a complete tool system

| Suitable hoists accessories - t0059   | Ordering No.                       |
|---------------------------------------|------------------------------------|
|                                       | <b>LLA 2500 EX and LLA 5000 EX</b> |
| Load chain, zink plated, per metre    | 4310 2296 00                       |
| Control chain, zinc plated, per metre | 4310 0748 00                       |
| <b>2 button pendant control</b>       |                                    |
| Handle and actuators                  | 4310 2262 90                       |

|                                   |                      |
|-----------------------------------|----------------------|
| Hose set per metre                | 4310 2310 91         |
| <b>4 button pendant control</b>   |                      |
| Handle and actuators              | 4310 2264 90         |
| Hose set per metre                | 4310 2310 95         |
| <b>Twist rod control</b>          |                      |
| Complete (1,1 - 2,0 metre)        | 4310 0774 91         |
| Extension set (+1,1 - 1,9 metre)  | 4310 0780 91         |
| Articulating link                 | 4310 0876 91         |
| <b>Chain collector</b>            |                      |
| PVC for length of chain           |                      |
| -7 metre                          | 4310 2291 07         |
| <b>Chain collectors</b>           |                      |
| Steel for length of chain         |                      |
| -12 metre                         | 4310 2102 80         |
| -18 metre                         | 4310 2109 80         |
| <b>Overload protection device</b> | Included as standard |
| <b>Chain stop, zinc plated</b>    | 4310 2097 91         |

#### Spare parts lists, Dimensional drawings, Exploded Views, Service Instructions, etc.



Below you find links to Atlas Copco ServAid application, where you find spare parts list and product instructions and a link to the Dimensional Drawing archive where you can find 2D and 3D drawings in PDF, DXF and IGS format.

[Spare part lists](#) with exploded view

[Product Instructions](#)

[Dimensional drawings](#)

#### Atlas Copco Service



The Leader in tool maintenance for industry Atlas Copco service is a proven cost-saver in your production. The savings you can expect from running a service program depend on the type of production you have in your plant. Many factors are taken into consideration, including: Line assembly, work at fixed stations, frequency of tool use, tool types, applications, and work environment.

#### Repair Service





With today's high demands on minimizing downtime for our customers, we focus on specialized workshops that can handle quick repairs and complete overhauls in the most cost-efficient way. To do that we keep a large inventory of spare parts in stock, and we have upgraded with factory fixtures and test equipment to increase our efficiency. With all this, plus certified mechanics dedicated to specific tool models, we've minimized lead times and improved the quality of each repair. After service all tools are rigorously tested to Atlas Copco specifications.

[Read more about Repair Service](#)

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### Atlas Copco ToolScan



Atlas Copco ToolScan™ report informs you of the status of your air tools and air supply at each workstation. The service is carried out by a highly experienced certified technician and covers the following areas: A report informing you of the status of your air supply and tools, including recommendations for improvements.

AirScan of the air supply at each workstation.

Status and performance check of the tools

Other services can be added.

You can then, together with your team, decide the next step without a binding agreement.

[Read more about Atlas Copco ToolScan™](#)

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### Energy Efficiency Audit



A huge amount of energy is wasted due to leaks in compressed air systems. Capacity losses of up to 20% are common in many installations. During an Energy Efficiency Audit Atlas Copco checks the static and dynamic pressure for your air tools on the line. The pressure drop is measured and documented and a visual inspection of the air installation is performed. Based on the information acquired, using the Energy Efficiency Calculator, Atlas Copco recommends the correct installation in terms of air line accessories and various other aspects.

[Read more about Energy efficiency Audit](#)

### Accessories

Pipe away exhaust  
4310 2125 00

Trolley  
TLT 3000 M N, Motor driven  
8451 1520 30

Trolley  
TLT 3000 H N, Manual  
8451 1520 55

Trolley  
TLT 3000 H W, Manual  
8451 1520 89

Trolley  
TLT 3000 M W, Motor driven  
8451 1520 97

Chain collector  
12 m, steel  
4310 2102 80

Chain collector  
18 m, steel  
4310 2109 80

Chain collector  
7m  
4310 2291 07

Chain stop  
4310 2097 91

Control chain  
Ordered per meter  
4310 0748 00

Load chain  
Ordered per meter  
4310 2296 00

Pendant control  
With emergency stop 2-button  
4310 2262 90

Pendant control  
With emergency stop 4-button  
4310 2264 90

Pendant control  
2-button  
4310 2302 90

Pendant control  
4-button  
4310 2304 90

Twist rod articulation link  
Use with Twist rod control Ordering  
No. 4310 0774 91  
4310 0876 91

Twist rod control  
1.1-2 m  
4310 0774 91

Twist rod extension set  
+1, 1-1.9 m. Use with Twist rod  
control Ordering No. 4310 0774 91  
4310 0780 91