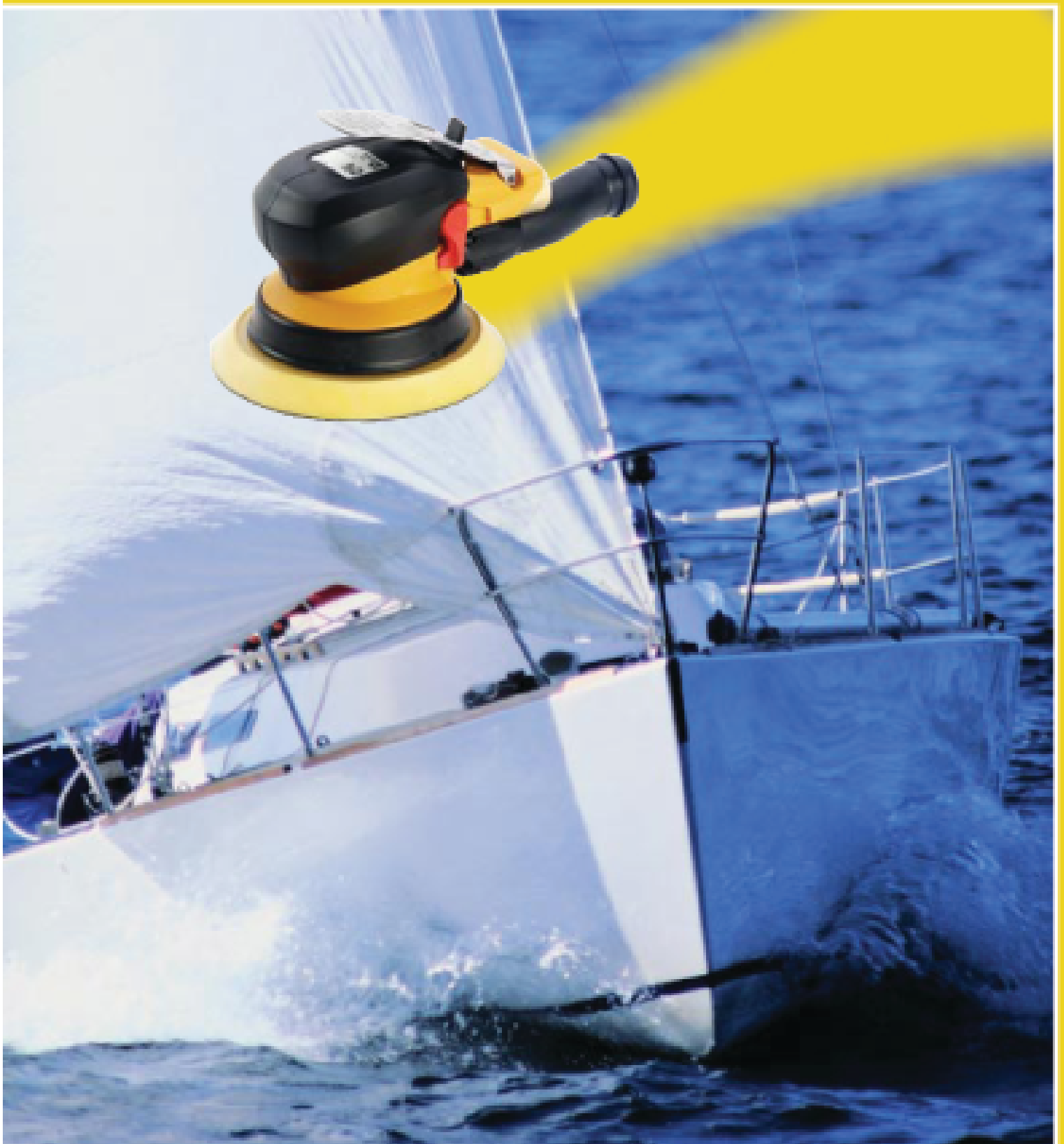


# Atlas Copco LST sanders

"First to finish"



**Atlas Copco**

- **LSV18 series sander** – For work in cramped spaces, collet or threaded spindle versions.  
Features: Speed governor, sealed angle head and lubrication-free air motor.
- **LSV28 series sander** – The 28 series comes in various speeds and in a wet sanding version. Wet sanders have central water supply (water feed through angle head) for optimal water distribution on the work surface.  
Features: Speed governor, sealed angle head, LF models have lubrication-free air motor.
- **LSV38 series sander** – Powerful one hand sander for medium rough to rough sanding.  
Features: Speed governor, sealed angle head and lubrication-free air motor, Autobalancer (SA models) and lockable spindle.
- **LSV48 series sander** – Our most powerful angle vane sander, 1.9 kW (2.5 hp) for ultimate productivity.  
Features: Speed governor, sealed angle head and lubrication-free air motor, Autobalancer (SA models) and lockable spindle.



| Model                         | Max<br>free<br>speed<br>r/min | Rec.<br>pad size<br>max dia<br>mm | Spindle<br>thread | Max<br>output |      | Weight<br>kg | Length<br>lb | mm  | Height<br>over<br>spindle<br>mm | Air consumption at |      |     |      | Rec.<br>hose<br>size |     | Air<br>inlet<br>thread<br>BSP | Ordering No. |
|-------------------------------|-------------------------------|-----------------------------------|-------------------|---------------|------|--------------|--------------|-----|---------------------------------|--------------------|------|-----|------|----------------------|-----|-------------------------------|--------------|
|                               |                               |                                   |                   | kW            | hp   |              |              |     |                                 | l/s                | cfm  | l/s | cfm  | mm                   | in  |                               |              |
|                               |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| With collet                   |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| LSV18 S200-1                  | 20000                         | 50                                | — <sup>b</sup>    | 0.46          | 0.62 | 0.6          | 1.32         | 193 | 79                              | 11.3               | 23.9 | 7.5 | 15.9 | 10                   | 3/8 | 1/4                           | 8423 0111 11 |
| LSV18 S120-1                  | 12000                         | 75                                | — <sup>b</sup>    | 0.46          | 0.62 | 0.6          | 1.32         | 185 | 79                              | 11.3               | 23.9 | 7.5 | 15.9 | 10                   | 3/8 | 1/4                           | 8423 0111 13 |
| LSV18 S080-1                  | 8000                          | 75                                | — <sup>b</sup>    | 0.37          | 0.50 | 0.6          | 1.32         | 185 | 79                              | 11.3               | 23.9 | 6.5 | 13.8 | 10                   | 3/8 | 1/4                           | 8423 0111 16 |
| With threaded spindle         |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| LSV18 S200                    | 20000                         | 50                                | 1/4"-20           | 0.46          | 0.62 | 0.6          | 1.32         | 193 | 58                              | 11.3               | 23.9 | 7.5 | 15.9 | 10                   | 3/8 | 1/4                           | 8423 0111 12 |
| LSV18 S120                    | 12000                         | 75                                | 1/4"-20           | 0.46          | 0.62 | 0.6          | 1.32         | 185 | 58                              | 11.3               | 23.9 | 7.5 | 15.9 | 10                   | 3/8 | 1/4                           | 8423 0111 14 |
| LSV18 S080                    | 8000                          | 75                                | 1/4"-20           | 0.37          | 0.50 | 0.6          | 1.32         | 185 | 58                              | 11.3               | 23.9 | 6.5 | 13.8 | 10                   | 3/8 | 1/4                           | 8423 0111 15 |
| Rotary sanders. Dry sanding   |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| LSV28 S060                    | 6000                          | 180                               | 5/8"-11           | 0.73          | 0.98 | 1.5          | 3.2          | 265 | 87                              | 16                 | 33.9 | 7.3 | 15.5 | 10                   | 3/8 | 3/8                           | 8423 0125 30 |
| LSV28 S060-M14                | 6000                          | 180                               | M14               | 0.73          | 0.98 | 1.5          | 3.2          | 265 | 87                              | 16                 | 33.9 | 7.3 | 15.5 | 10                   | 3/8 | 3/8                           | 8423 0125 64 |
| LSV28 S040                    | 4000                          | 180                               | 5/8"-11           | 0.62          | 0.83 | 1.5          | 3.2          | 265 | 87                              | 15                 | 31.8 | 4   | 8.5  | 10                   | 3/8 | 3/8                           | 8423 0126 22 |
| LSV28 ST034                   | 3400                          | 180                               | 5/8"-11           | 0.71          | 0.95 | 1.7          | 3.7          | 305 | 87                              | 18                 | 38.2 | 7.7 | 16.3 | 10                   | 3/8 | 3/8                           | 8423 0135 80 |
| LSV28 S021                    | 2100                          | 180                               | 5/8"-11           | 0.68          | 0.91 | 1.9          | 4.1          | 285 | 87                              | 16                 | 33.9 | 5.6 | 11.9 | 10                   | 3/8 | 3/8                           | 8423 0125 19 |
| LSV28 S021-M14                | 2100                          | 180                               | M14               | 0.68          | 0.91 | 1.9          | 4.1          | 285 | 87                              | 16                 | 33.9 | 5.6 | 11.9 | 10                   | 3/8 | 3/8                           | 8423 0125 72 |
| Wet sanding                   |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| LSV28 S040-01-M14             | 4000                          | 180                               | M14               | 0.62          | 0.83 | 1.5          | 3.2          | 265 | 87                              | 15                 | 31.8 | 5   | 10.6 | 10                   | 3/8 | 3/8                           | 8423 0125 12 |
| LSV28 ST008-01 LF             | 800                           | 200                               | 5/8"-11           | 0.68          | 0.91 | 2.0          | 4.3          | 285 | 87                              | 16                 | 33.9 | 5.6 | 11.9 | 10                   | 3/8 | 3/8                           | 8423 0125 51 |
| LSV28 ST018-01-M14            | 1800                          | 180                               | M14               | 0.74          | 0.99 | 1.7          | 3.7          | 305 | 87                              | 19                 | 40.3 | 13  | 27.6 | 10                   | 3/8 | 3/8                           | 8423 0125 96 |
| Lubrication-free. Dry sanding |                               |                                   |                   |               |      |              |              |     |                                 |                    |      |     |      |                      |     |                               |              |
| LSV28 ST013-M14 LF            | 1300                          | 180                               | M14               | 0.68          | 0.91 | 1.7          | 3.7          | 285 | 87                              | 20                 | 42.4 | 9   | 19.1 | 10                   | 3/8 | 3/8                           | 8423 0125 28 |
| LSV28 ST013 LF                | 1300                          | 180                               | 5/8"-11           | 0.68          | 0.91 | 1.7          | 3.7          | 285 | 87                              | 20                 | 42.4 | 9   | 19.1 | 10                   | 3/8 | 3/8                           | 8423 0126 26 |
| LSV38 S085                    | 8500                          | 180                               | 5/8               | 1.30          | 1.7  | 1.5          | 3.3          | 217 | 96                              | 28                 | 58   | 15  | 31   | 13                   | 1/2 | 3/8                           | 8423 0130 69 |
| LSV38 S085-M14                | 8500                          | 180                               | M14               | 1.30          | 1.7  | 1.5          | 3.3          | 217 | 96                              | 28                 | 58   | 15  | 31   | 13                   | 1/2 | 3/8                           | 8423 0130 72 |
| LSV38 S066                    | 6600                          | 180                               | 5/8               | 1.20          | 1.6  | 1.5          | 3.3          | 217 | 96                              | 24                 | 50   | 13  | 27   | 13                   | 1/2 | 3/8                           | 8423 0130 73 |
| LSV38 S066-M14                | 6600                          | 180                               | M14               | 1.20          | 1.6  | 1.5          | 3.3          | 217 | 96                              | 24                 | 50   | 13  | 27   | 13                   | 1/2 | 3/8                           | 8423 0130 77 |
| LSV38 S066 D                  | 6600                          | 180                               | 5/8               | 1.20          | 1.6  | 2.3          | 5.0          | 217 | 96                              | 24                 | 50   | 13  | 27   | 13                   | 1/2 | 3/8                           | 8423 0130 75 |
| LSV38 S085 D                  | 8500                          | 180                               | 5/8               | 1.30          | 1.7  | 2.3          | 5.0          | 217 | 96                              | 28                 | 58   | 15  | 31   | 13                   | 1/2 | 3/8                           | 8423 0130 76 |
| LSV48 SA085                   | 8500                          | 180                               | 5/8               | 1.9           | 2.5  | 2.3          | 5.1          | 310 | 78                              | 36                 | 76   | 17  | 36   | 16                   | 5/8 | 1/2                           | 8423 0132 02 |
| LSV48 SA085-M14               | 8500                          | 180                               | M14               | 1.9           | 2.5  | 2.3          | 5.1          | 310 | 78                              | 36                 | 76   | 17  | 36   | 16                   | 5/8 | 1/2                           | 8423 0132 03 |
| LSV48 SA066                   | 6600                          | 180                               | 5/8               | 1.9           | 2.5  | 2.3          | 5.1          | 310 | 78                              | 36                 | 76   | 17  | 36   | 16                   | 5/8 | 1/2                           | 8423 0132 00 |
| LSV48 SA066-M14               | 6600                          | 180                               | M14               | 1.9           | 2.5  | 2.3          | 5.1          | 310 | 78                              | 36                 | 76   | 17  | 36   | 16                   | 5/8 | 1/2                           | 8423 0132 01 |
| LSV48 SA085 D                 | 8500                          | 180                               | 5/8               | 1.9           | 2.5  | 2.8          | 6.2          | 310 | 94                              | 36                 | 76   | 17  | 36   | 16                   | 5/8 | 1/2                           | 8423 0132 05 |

<sup>a</sup> LSV18/28/38 measured with exhaust hose.

<sup>b</sup> Ø 6 mm collet.

-1 = 6 mm collet.

-01 = Wet sanding.

-D = Spot suction kit included.

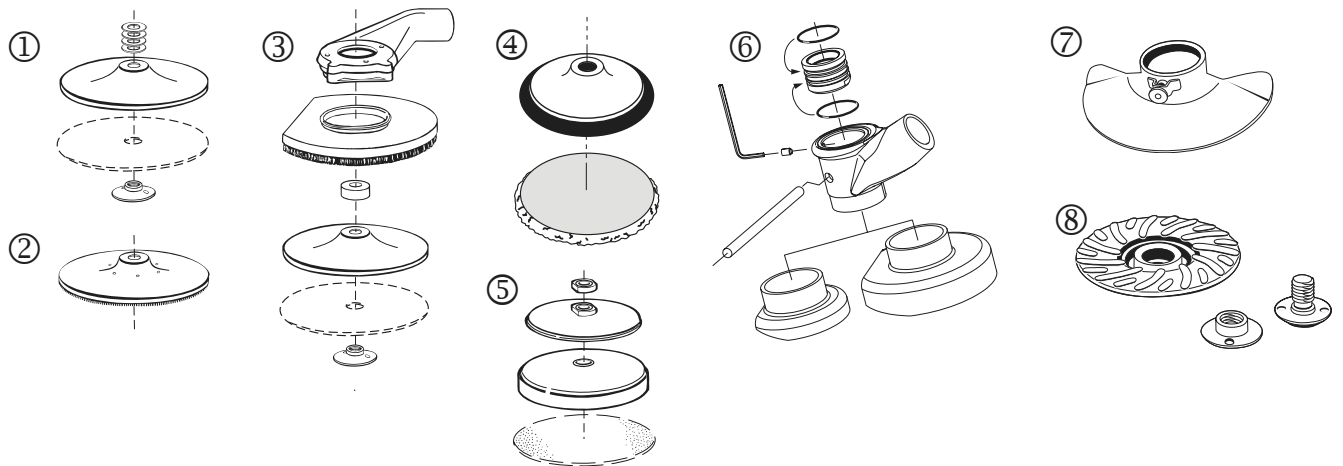
-M14 = M14 thread.

ST models have planetary gears.

## Accessories Included

Air hose nipple  
Clamp  
Exhaust hose (LSV18/28/38)  
Support handle (LSV28/38/48)  
Wrenches  
Spot suction equipment (D-version)

## Optional Accessories



|                                              | LSV18        | LSV28                                                | LSV38                     | LSV48        | See illustration |
|----------------------------------------------|--------------|------------------------------------------------------|---------------------------|--------------|------------------|
| <b>Backing set, standard type</b>            |              |                                                      |                           |              |                  |
| Ø 125 mm - 5/8" - soft                       | -            | 4170 0768 80                                         | 4170 0768 80              | 4170 0768 80 | 1                |
| Ø 180 mm - 5/8" - soft                       | -            | 4170 0756 80                                         | 4170 0756 80              | 4170 0756 80 | 1                |
| Ø 180 mm - 5/8" - stiff                      | -            | 4170 0757 80                                         | 4170 0757 80              | 4170 0757 80 | 1                |
| <b>Backing set with cooling ribs</b>         |              |                                                      |                           |              |                  |
| Ø 125 mm - 5/8" and M14                      | -            | 4150 1962 80                                         | 4150 1962 80              | 4150 1962 80 | 2                |
| Ø 180 mm - 5/8" and M14                      | -            | 4150 1962 81                                         | 4150 1962 81              | 4150 1962 81 | 2                |
| <b>Backing set, heavy duty type</b>          |              |                                                      |                           |              |                  |
| Ø 120 mm - M14                               | -            | -                                                    | 4175 0883 93              | 4175 0883 93 | 8                |
| Ø 162 mm - M14                               | -            | -                                                    | 4175 0883 91              | 4175 0883 91 | 8                |
| Ø 120 mm - 5/8"                              | -            | -                                                    | 4175 0883 92              | 4175 0883 92 | 8                |
| Ø 162 mm - 5/8"                              | -            | -                                                    | 4175 0883 90              | 4175 0883 90 | 8                |
| <b>Backing set for polishing - velcro</b>    |              |                                                      |                           |              |                  |
| Ø 150 mm - 5/8" (max 2500 rpm)               | -            | 4112 6092 15                                         | -                         | -            | 6                |
| Ø 150 mm - Lambs woll bonnet                 | -            | 4112 6093 15                                         | -                         | -            |                  |
| <b>Backing set for wet sanding</b>           |              |                                                      |                           |              |                  |
| Ø 180 mm - 5/8" - foam rubber (max 2500 rpm) | -            | 4170 0428 83                                         | -                         | -            | 5                |
| <b>Spot suction kit for fiber disc</b>       |              |                                                      |                           |              |                  |
| Ø 125 mm                                     | -            | 3780 4007 80 <sup>a</sup>                            | 3780 4008 85 <sup>d</sup> | -            | 7                |
| Ø 180 mm                                     | -            | 3780 4007 90 <sup>b</sup> /3780 4031 60 <sup>c</sup> | 3780 4008 84 <sup>e</sup> | 3780 4093 40 |                  |
| Ø 50 - 75 mm                                 | 3780 4092 62 | -                                                    | -                         | -            | 9                |
| Hand shield for 125-180 mm                   | -            | -                                                    | 4150 1936 80              | -            | 10               |

<sup>a</sup> = Suits LSV28 S060

<sup>d</sup> = Can only be retrofitted on LSV 38D (8423 0800 02 and 8423 0800 03)

<sup>e</sup> = Can only be retrofitted on LSV 38D (8423 0800 03 and 8423 0800 04)

<sup>b</sup> = Suits LSV28S040/060

<sup>c</sup> = Suits LSV28S021



## Service Kits

|       |              |
|-------|--------------|
| LSV18 | 4081 0355 90 |
| LSV28 | 4081 0317 90 |
| LSV38 | 4081 0309 90 |
| LSV48 | 4081 0312 90 |

# Orbital and Random Orbital Sanders

The new series of random orbital sanders combines all the important customer and application requirements in a very competitive range of products. Applications like sanding before painting and surface coating, polishing with wax and surface conditioner are all quickly done with the small and easily operated LST20-range of sanders.

All models are lubrication free and have silicone free components. They have two grip options in the same handle. In addition, one smaller grip model is included. The full range includes standard models and extraction models. There are also two orbit diameters to choose from in the model range.

- **Lubrication-free** – Avoids contamination of workpiece. No oil in the exhaust air.



| Model                                           | Max<br>free<br>speed<br>r/min | Pad size<br>mm | Orbit<br>dia<br>mm | Max<br>output |      | Weight |      | Height<br>mm | Length<br>mm     | Air consumption<br>at free speed |     | Rec.<br>hose<br>size<br>mm | Air<br>inlet<br>thread<br>BSP | Ordering No. |
|-------------------------------------------------|-------------------------------|----------------|--------------------|---------------|------|--------|------|--------------|------------------|----------------------------------|-----|----------------------------|-------------------------------|--------------|
|                                                 |                               |                |                    | kW            | hp   | kg     | lb   |              |                  | l/s                              | cfm |                            |                               |              |
| Random orbital – Standard                       |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST30 H090-11                                   | 9000                          | 110            | 8                  | 0.3           | 0.4  | 1.2    | 2.6  | 120          | 255              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0361 64 |
| LST30 H090-15                                   | 9000                          | 150            | 8                  | 0.3           | 0.4  | 1.2    | 2.6  | 120          | 275              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0361 72 |
| LST30 S090-15                                   | 9000                          | 150            | 8                  | 0.3           | 0.4  | 1.1    | 2.4  | 120          | 175              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0361 98 |
| Self suction <sup>a</sup>                       |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST31 H090-15                                   | 9000                          | 150            | 8                  | 0.3           | 0.4  | 1.4    | 3.0  | 120          | 300              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0363 19 |
| Central suction <sup>b</sup>                    |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST32 H090-15                                   | 9000                          | 150            | 8                  | 0.3           | 0.4  | 1.4    | 3.0  | 120          | 300              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0362 55 |
| LST32 S090-15                                   | 9000                          | 150            | 8                  | 0.3           | 0.4  | 1.3    | 2.9  | 120          | 200              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0362 71 |
| Orbital – Standard                              |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LSO30 S070-3                                    | 7000                          | 93x170         | 5                  | 0.3           | 0.4  | 1.6    | 3.5  | 125          | 185              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0360 16 |
| LSO30 H070-3                                    | 7000                          | 93x170         | 5                  | 0.3           | 0.4  | 1.7    | 3.7  | 125          | 285              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0360 24 |
| Self suction <sup>a</sup>                       |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LSO31 S070-3                                    | 7000                          | 93x170         | 5                  | 0.3           | 0.4  | 1.6    | 3.5  | 125          | 210              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0362 79 |
| LSO31 H070-3                                    | 7000                          | 93x170         | 5                  | 0.3           | 0.4  | 1.7    | 3.7  | 125          | 310              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0363 03 |
| Central suction <sup>c</sup>                    |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LSO32 H070-3                                    | 7000                          | 93x170         | 5                  | 0.3           | 0.4  | 1.8    | 4.0  | 125          | 310              | 7.5                              | 16  | 8                          | 1/4                           | 8423 0361 07 |
| Standard model                                  |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST20 R350                                      | 12000                         | 90             | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 95           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 65 |
| LST20 R550                                      | 12000                         | 125            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 69 |
| LST20 R650                                      | 12000                         | 150            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 73 |
| LST20 R325                                      | 12000                         | 90             | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 95           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 76 |
| LST20 R525                                      | 12000                         | 125            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 81 |
| LST20 R625                                      | 12000                         | 150            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 127              | 8                                | 17  | 8                          | 1/4                           | 8423 0361 84 |
| Extraction model – self suction                 |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST21 R350                                      | 12000                         | 90             | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 95           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 66 |
| LST21 R550                                      | 12000                         | 125            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 70 |
| LST21 R650                                      | 12000                         | 150            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 74 |
| LST21 R525                                      | 12000                         | 125            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 82 |
| LST21 R625                                      | 12000                         | 150            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 85 |
| Extraction model – central suction <sup>c</sup> |                               |                |                    |               |      |        |      |              |                  |                                  |     |                            |                               |              |
| LST22 R350                                      | 12000                         | 90             | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 95           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 67 |
| LST22 R550                                      | 12000                         | 125            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 71 |
| LST22 R650                                      | 12000                         | 150            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 75 |
| LST22 R650-9                                    | 12000                         | 150            | 5                  | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 40 |
| LST22 R325                                      | 12000                         | 92             | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 95           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 78 |
| LST22 R525                                      | 12000                         | 125            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 83 |
| LST22 R625                                      | 12000                         | 150            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 86 |
| LST22 R625-9                                    | 12000                         | 150            | 2.4                | 0.2           | 0.27 | 0.85   | 1.85 | 83           | 133 <sup>d</sup> | 8                                | 17  | 8                          | 1/4                           | 8423 0361 50 |

<sup>a</sup> Includes dust collecting bag.

<sup>b</sup> Required air flow 150 m³/h or 88 cfm.

<sup>c</sup> Required air flow 60 m³/h or 35 cfm.

<sup>d</sup> 186 mm (7.3") suction hose connector included.

H = With handle.

S = Without handle.

All data at 6.3 bar.

-9 Velcro pad, 9 holes.

## Accessories Included

### LSO

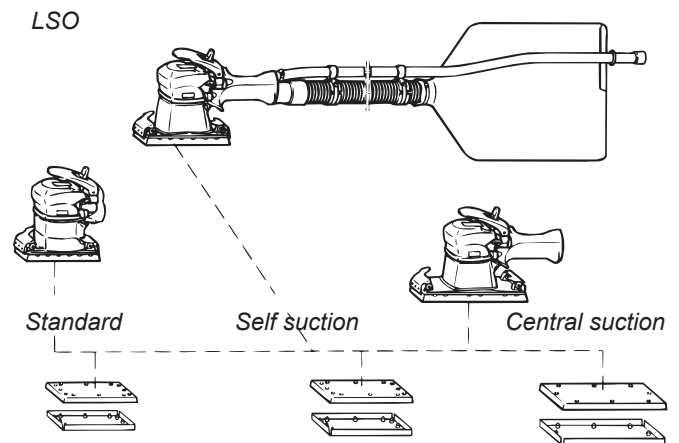
Base pad  
Perforating plate  
Hose nipple for 8 mm hose  
LSO31 including dust collection kit

### LST20/21/22

Velcro pad  
U-wrench for pad change  
Air hose nipple  
Dust hose and bag (LST21)  
Large and small grip cover

### LST30/31/32

Velcro pad  
Bar for changing pad  
Hose nipple for 8 mm hose  
LST31 incl dust collection kit



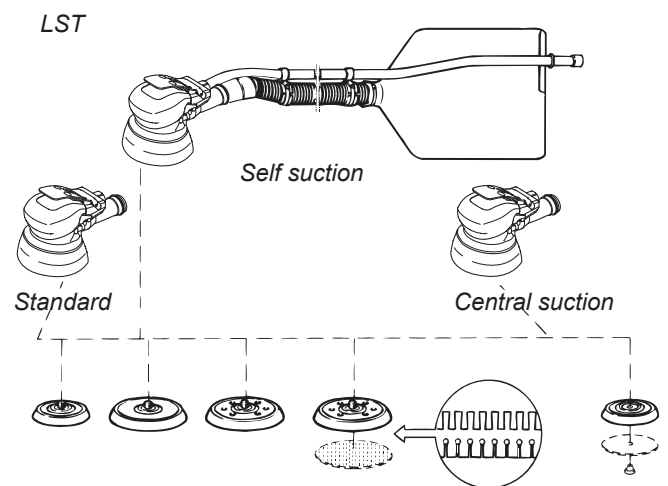
## Optional Accessories

### LSO

| For LSO                                                                         | Ordering No. |
|---------------------------------------------------------------------------------|--------------|
| Base pad, vinyl for -3F-type                                                    | 4112 0787 01 |
| <b>Hose set</b><br>Dust hose, for LSO32, Ø 32 mm,<br>L=1.8 m including air hose | 3780 2724 34 |
| Suspension yoke                                                                 | 4112 0975 00 |

### LST20/21/22, pad for self stick paper

|              | Ordering No. |              |              |
|--------------|--------------|--------------|--------------|
|              | Dia 89 mm    | Dia 125 mm   | Dia 150 mm   |
| For LST20    | 4112 1231 00 | 4112 1233 00 | 4112 1235 00 |
| For LST21/22 |              | 4112 1232 00 | 4112 1234 00 |

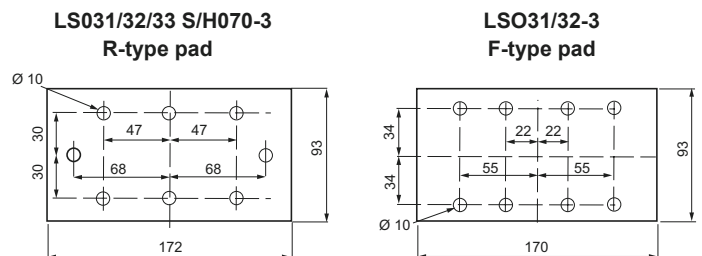


### LST30/31/32

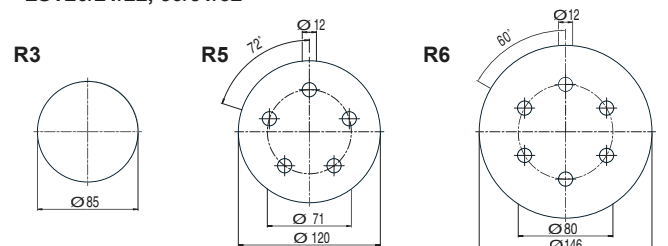
|                                                                  | Ordering No.              |
|------------------------------------------------------------------|---------------------------|
| Pad velcro, Ø 150 mm                                             | 4112 0795 01 <sup>a</sup> |
| Pad velcro, Ø 110 mm                                             | 4112 0792 02 <sup>b</sup> |
| Pad velcro, Ø 150 mm, 6 holes                                    | 4112 0796 00 <sup>c</sup> |
| <b>Hose set</b><br>Dust hose Ø 32 mm, L=1.8 m including air hose | 3780 2724 34 <sup>d</sup> |
| Suspension yoke                                                  | 4112 0975 00              |

<sup>a</sup>LST30-15   <sup>b</sup>LST30/32-11   <sup>c</sup>LST31/32-15   <sup>d</sup>LST32

### Hole pattern dimensions for sanding paper, dust extraction models



### LST20/21/22, 30/31/32



## Service Kits

LST20/21/22                      4112 1300 90

# Dust Extraction

The fact that dust can represent a hazard in the working environment is well documented.

Dust particles from certain materials are dangerous to health. Even inert dust particles that cause no permanent damage can still be retained in the body and make breathing more difficult. The size of dust particles of most concern are those below 0.005 mm.

Efficient dust control can make a significant contribution to efficiency and productivity in industrial operations. It is already a requirement in countries with strict health and safety regulations.

Efficient dust control will:

- Reduce the health risk for operators exposed to potentially dangerous particles.
- Give a more favourable working environment which will encourage greater efficiency and effort from those who operate industrial tools.

The most efficient method of dust collection is dust extraction at the point of dust creation, i.e. on the tool itself. This not only ensures very efficient extraction but also allows a relatively low power vacuum source to be used.

Atlas Copco spot suction kits provide an extraction hood fixed to the tool. It



is fitted with a plastic or brush edge to trap heavier particles as well as the small ones. The following pages show a number of applications and the necessary dust extraction kits with their contents.

| Model       | Max free speed<br>r/min | Max output |     | Weight |     | Height over spindle |     | Air consumption at   |                       |    |  | Spindle thread | Air inlet thread<br>BSP | Ordering No. |
|-------------|-------------------------|------------|-----|--------|-----|---------------------|-----|----------------------|-----------------------|----|--|----------------|-------------------------|--------------|
|             |                         | kW         | hp  | kg     | lb  | mm                  | in  | max power<br>l/s cfm | free speed<br>l/s cfm |    |  |                |                         |              |
| GTG21 D120  | 12000                   | 2.1        | 2.8 | 1.6    | 3.5 | 92                  | 3.6 | 30 64                | 10                    | 21 |  | UNC 5/8"-11    | 3/8                     | 8423 0800 00 |
| GTG21 D085  | 8500                    | 2.1        | 2.8 | 1.6    | 3.5 | 92                  | 3.6 | 30 64                | 10                    | 21 |  | UNC 5/8"-11    | 3/8                     | 8423 0800 01 |
| LSV48 SA085 | 8500                    | 1.9        | 2.5 | 2.3    | 5.1 | 78                  | 3   | 36 76                | 17                    | 36 |  | UNC 5/8"-11    | 1/2                     | 8423 0132 02 |
| LSV48 SA066 | 6600                    | 1.9        | 2.5 | 2.3    | 5.1 | 78                  | 3   | 36 76                | 17                    | 36 |  | UNC 5/8"-11    | 1/2                     | 8423 0132 06 |
| LSV38 D120  | 12000                   | 1.3        | 1.7 | 2.0    | 4.4 | 96                  | 3.8 | 28 58                | 15                    | 31 |  | UNC 5/8"-11    | 1/2                     | 8423 0800 02 |
| LSV38 D085  | 8500                    | 1.3        | 1.7 | 2.0    | 4.4 | 96                  | 3.8 | 28 58                | 15                    | 31 |  | UNC 5/8"-11    | 1/2                     | 8423 0800 03 |
| LSV38 D066  | 6600                    | 1.3        | 1.7 | 2.0    | 4.4 | 96                  | 3.8 | 24 50                | 13                    | 27 |  | UNC 5/8"-11    | 1/2                     | 8423 0800 04 |

## Spot suction kit for GTG21, LSV48 and LSV38

|                    |              | Application                                   |              |                                  |              |                                                    |              |
|--------------------|--------------|-----------------------------------------------|--------------|----------------------------------|--------------|----------------------------------------------------|--------------|
|                    |              | Grinding<br>Depressed center<br>wheel dia, mm |              | Sanding<br>Fiber disc<br>dia, mm |              | Cutting<br>GRP cutting with<br>cutter disc dia, mm |              |
| Model              | Ordering No. | 125                                           | 180          | 125                              | 180          | 125                                                | 180          |
| GTG21 D120         | 8423 0800 00 | 3780 4090 23                                  |              | 3780 4090 24                     |              | 3780 4090 25                                       |              |
| GTG21 D085         | 8423 0800 01 |                                               | 3780 4090 21 | 3780 4090 24                     |              |                                                    | 3780 4090 22 |
| LSV48 SA085        | 8423 0132 02 |                                               | 3780 4093 41 |                                  | 3780 4093 26 |                                                    | 3780 4093 42 |
| LSV48 SA066        | 8423 0132 00 |                                               |              |                                  | 3780 4093 40 |                                                    |              |
| LSV38 D120         | 8423 0800 02 | 3780 4008 73                                  |              | 3780 4093 40                     |              | 3780 4008 74                                       |              |
| LSV38 D085         | 8423 0800 03 |                                               |              | 3780 4008 85                     |              |                                                    |              |
| LSV38 D066         | 8423 0800 04 |                                               |              |                                  | 3780 4008 84 |                                                    |              |
| Optional accessory |              |                                               |              |                                  |              |                                                    |              |
| Cutting disc       |              |                                               |              |                                  |              | 3780 5074 61                                       | 3780 5074 62 |