



*Atlas Copco*



# Maximum control in cramped areas

LS12-series Grinders





## Accessibility and control



### LS12 – where accessibility is critical

The Atlas Copco LS12-series is perfect for jobs in cramped spaces where accessibility is critical and for finer work where less power and more control are needed.



### High performance, long lifetime

A speed governor ensures that high speeds are maintained even when the tool is pushed hard, for full power at all times. The speed governor helps the tool work faster and maximizes the performance and life of the abrasive product.



### Low maintenance costs

The angled models have high quality gears providing long life and reduced costs for maintenance and repair. To maximize the lubrication of the angle gear, the tools are equipped with a grease deflector that constantly feeds all grease back up to the angle gears and prevents the grease from running out of the angle head.



### Versatile collet

The LS12-series is equipped with a well balanced Atlas Copco collet and can be used with carbide burs, mounted points, small sanding discs and different surface conditioning products.



### Comfortable to work with

The LS12 is light and comfortable to use, with a small handle and clear end markings. The feathering characteristics of the lever give the operator better control, and the angled models have a round grip without any sharp edges, to enhance operator comfort.

Noise levels are well controlled and below 78dB for all models (measured according to ISO 15744). The values can be further reduced thanks to the exhaust hose that is included with each tool.



### Eight models to choose from!

The LS12 grinder range includes two basic models, straight (LSF) and angled (LSV), with different speeds, for a total of eight variants, making it easy to choose the right tool for the job.



# Technical data

Model	Max free speed	Max output		Collet size		Length		Weight		Air consumption at max output		Air consumption at free speed		Rec. hose size		Air inlet thread		Ordering No.
	r/min	kW	hp	mm	in	mm	in	kg	lb	l/s	cfm	l/s	cfm	mm	in	BSP	NPT	

## Straight die grinders

LSF12 S200-1	20000	0.24	0.32	6	1/4	170	6.69	0.36	0.80	8.1	17.2	2.6	5.5	8	5/16	1/4	1/4	8423 1124 01
LSF12 S250-1	25000	0.3	0.4	6	1/4	170	6.69	0.36	0.80	8.5	18.0	3.4	7.2	8	5/16	1/4	1/4	8423 1124 02
LSF12 S310-1	31000	0.32	0.43	6	1/4	170	6.69	0.36	0.80	9.2	19.5	4.2	8.9	8	5/16	1/4	1/4	8423 1124 03
LSF12 S400-1	40000	0.36	0.48	6	1/4	170	6.69	0.36	0.80	9.8	20.8	7.0	14.8	8	5/16	1/4	1/4	8423 1124 04

## Angle die grinders

LSV12 S120-1	12000	0.24	0.33	6	1/4	166	6.54	0.5	1.19	8.3	17.6	3.0	6.4	8	5/16	1/4	1/4	8423 1124 05
LSV12 S200-1	20000	0.29	0.39	6	1/4	166	6.54	0.5	1.19	9.5	20.1	6.4	13.6	8	5/16	1/4	1/4	8423 1124 06

Model	Max free speed	Max output		Rec size pad dia		Collet size		Spindle			Length		Weight		Air consumption at max output		Air consumption at free speed		Rec. hose size		Air inlet thread		Ordering No.
	r/min	kW	hp	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	l/s	cfm	l/s	cfm	mm	in	BSP	

## Angle sanders with collet

LSV12 S120-1	12000	0.24	0.33	75	3	6	1/4	-	-	-	166	6.54	0.5	1.19	8.3	17.6	3.0	6.4	8	5/16	1/4	1/4	8423 1124 05
LSV12 S200-1	20000	0.29	0.39	50	2	6	1/4	-	-	-	166	6.54	0.5	1.19	9.5	20.1	6.4	13.6	8	5/16	1/4	1/4	8423 1124 06

## Angle sander with threaded spindle

LSV12 S120	12000	0.24	0.33	75	3	-	-	1/4-20 UNC	8	0.31	166	6.54	0.5	1.19	8.3	17.6	3.0	6.4	8	5/16	1/4	1/4	8423 1124 07
LSV12 S200	20000	0.29	0.39	50	2	-	-	1/4-20 UNC	8	0.31	166	6.54	0.5	1.19	9.5	20.1	6.4	13.6	8	5/16	1/4	1/4	8423 1124 08

Accessories	Ordering No. BSP/ NPT	
MULTIFLEX-1/4	8202 1350 20	8202 1350 26

Service kit	4081 0472 90
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MultiFlex Swivel connector:  
an ergonomic solution



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