



Atlas Copco



Effortless power  
in a compact tool

LS19-series Grinders



# The harder you push, the harder they work



LSF19 die grinder

LSV19 angle grinder

LSV19 die grinder

LSF19 extended die grinder

LSV19 sander/  
polisher

## Power where you need it

The LS19 has the power you need to cope with really tough applications. Together, the well designed motor and the speed governor ensure that you get the most from the tool all the time. If you compare the amount of power in this small tool with the weight you will find that the power to weight ratio is outstanding.

## Long life, lubrication free motor

Since the patented motor is lubricant free, you will enjoy maximum power output for years. A conventional motor that's badly lubricated suffers rapid wear. And wear leads to a drop in performance. But with our lubricant-free motor, you can expect top performance day after day.

## Comfortable to work with

Our LSF grinders feature effective vibration dampening that reduces operator exposure to vibrations. The cushioned action also prevents bounce and ricochet when you are working inside weld seams. The advantages are smoother, more comfortable grinding and lower wear on burrs.

## Quieter than ever

High power does not have to mean high sound levels. Noise has been minimized in three ways. First, our patented motor design alone results in a significant reduction. Noise levels are further reduced by leading exhaust air through a silencer at the back of the tool. Finally, exhaust air is piped away in a hose, reducing noise still further.

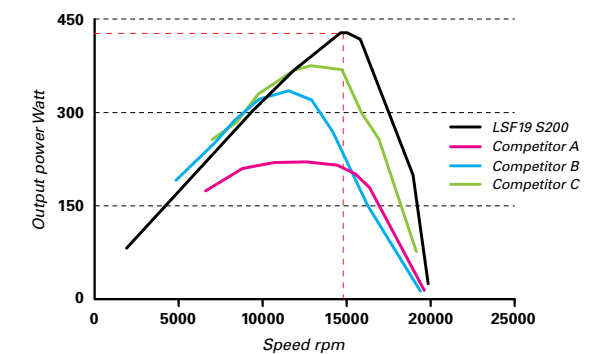
## 5 different models to suit your needs

The LS19-series comes in 5 different models to make it easy for you to choose the right tool for your job. There are three angled models for grinding and sanding and two straight models for die grinding, one standard and one extended. Of course all models feature the same fine tuned vane motor, something you can trust will just keep on going. The same applies to the angle gears in the LSV models, they are built to last.



The trigger can easily be repositioned to suit the individual operator.

## LSF19 S200 vs. competitors. Power vs. RPM



With LSF grinders you get top productivity thanks to the combination of high power and high rpm.

# Technical data

Model	Max free speed		Max output		Max wheel dia		Length		Weight		Air consumption at max output		Air consumption at free speed		Rec. hose size		Air inlet thread		Scatter damped	Ordering No.
	r/min	kW	hp	mm	in	mm	in	kg	lb	l/s	cfm	l/s	cfm	mm	in	BSP	NPT			
<b>Angel grinder</b>																				
LSV19 S170-08	17000	0.45	0.6	80	3	186	7.3	0.7	1.6	11.2	23	6.6	14	10	3/8	1/4	1/4	No	8423 0111 40	

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		Scatter damped	Ordering No.
	r/min	kW	hp	mm	in	mm	in	kg	lb	l/s	cfm	l/s	cfm	mm	in	BSP	NPT			
<b>Straight die grinders</b>																				
LSF19 S200-1	20000	0.5	0.67	6	1/4	193	7.6	0.5	1.2	9.6	20	3.5	7	10	3/8	1/4	1/4	Yes	8423 1224 80	
LSF19 S300-1	30000	0.5	0.67	6	1/4	193	7.6	0.5	1.2	11.3	23	6.6	14	10	3/8	1/4	1/4	Yes	8423 1224 81	
LSF19 S300-1R	30000	0.5	0.67	6	1/4	193	7.6	0.5	1.2	11.3	23	6.6	14	10	3/8	1/4	1/4	No	8423 1224 89	
LSF19 S460-1	46000	0.5	0.67	6	1/4	193	7.6	0.5	1.2	11.4	24	15	31	10	3/8	1/4	1/4	Yes	8423 1224 82	

<b>Straight extended die grinders</b>																				
LSF19 S200E-1	20000	0.5	0.67	6	1/4	293	11.5	0.7	1.5	9.6	20	3.5	7	10	3/8	1/4	1/4	Yes	8423 1224 85	
LSF19 S300E-1	30000	0.5	0.67	6	1/4	293	11.5	0.7	1.5	11.3	23	6.6	14	10	3/8	1/4	1/4	Yes	8423 1224 86	
LSF19 S300E-1R	30000	0.5	0.67	6	1/4	293	11.5	0.7	1.5	11.3	23	6.6	14	10	3/8	1/4	1/4	No	8423 1224 88	
LSF19 S460E-1	46000	0.5	0.68	6	1/4	293	11.5	0.7	1.5	11.4	24	15	31	10	3/8	1/4	1/4	Yes	8423 1224 87	
LSF19 S460E-1R	46000	0.5	0.68	6	1/4	293	11.5	0.7	1.5	11.4	24	15	31	10	3/8	1/4	1/4	No	8423 1224 90	

<b>Angle die grinders</b>																				
LSV19 S200-1	20000	0.46	0.6	6	1/4	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	No	8423 0111 41	
LSV19 S120-1	12000	0.46	0.6	6	1/4	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	No	8423 0111 43	
LSV19 S080-1	8000	0.37	0.5	6	1/4	186	7.3	0.6	1.3	11.3	23	6.5	13.8	10	3/8	1/4	1/4	No	8423 0111 46	
LSV19 S200-1F	20000	0.46	0.6	6	1/4	185	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	No	8423 0111 47	

Model	Max free speed		Max output		Rec size pad dia		Collet size		Spindle thread	Spindle length		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	kg	lb	l/s	cfm	l/s	cfm	mm	in	BSP	NPT		
<b>Angle sanders with collet</b>																								
LSV19 S080-1	8000	0.37	0.5	75	3	6	1/4	-	-	-	186	7.3	0.6	1.3	11.3	23	6.5	13.8	10	3/8	1/4	1/4	8423 0111 46	
LSV19 S120-1	12000	0.46	0.6	75	3	6	1/4	-	-	-	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	8423 0111 43	
LSV19 S200-1	20000	0.46	0.6	50	2	6	1/4	-	-	-	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	8423 0111 41	
<b>Angle sanders with threaded spindle</b>																								
LSV19 S080	8000	0.37	0.5	75	3	-	-	1/4 UNC	8	0.31	186	7.3	0.6	1.3	11.3	23	6.5	13.8	10	3/8	1/4	1/4	8423 0111 45	
LSV19 S120	20000	0.46	0.6	75	3	-	-	1/4 UNC	8	0.31	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	8423 0111 44	
LSV19 S200	12000	0.46	0.6	50	2	-	-	1/4 UNC	8	0.31	186	7.3	0.6	1.3	11.3	23	7.5	15	10	3/8	1/4	1/4	8423 0111 42	

R= Rigid mount  
F= Fixtured

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

Service kit	Ordering No.
LSF19	4081 0486 90
LSV19	4081 0488 90



MultiFlex Swivel connector:  
an ergonomic solution

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