

Atlas Copco



The LSV39 range



THREE WAYS TO A SHORTER PRODUCTION PROCESS

THE GAME CHANGER

The game changing LSV39 will re-write the industry standards! We made the impossible possible and designed the most powerful vane grinder for its size on the market. With the incredible 1.8 kW, in a small size, we are stepping up the game and allowing our customers to be even more productive. Whatever your requirements – you'll find your next tool in the 39-series. The LSV39-series is truly meeting with popular demand, giving you new opportunities in rough grinding, de-burring and sanding in cramped, narrow spaces.



Longer service life

The new, extra durable angle gear is nearly maintenance free, ensuring you many years of excellent function. All it needs is a grease change every 1,000 hrs of use and we guarantee 2,500 hrs of service life. All the LSV39-series angle grinders and sanders have sealed angle heads ensuring long service intervals.



More power – more productivity

Atlas Copco's LSV39 provides over 50% higher output than many other grinders on the market, and is the most powerful grinder in its size. This has been accomplished with an all new air motor. The increased power translates directly into higher rate of material removal and improved productivity. Compared to the old LSV38 it will increase your productivity with up to 20%. It almost does the job for you! The efficiency of the air motor ensures consistent performance, even when the grinder is connected to a long hose. With 1.8 kW output at 3 meter hose length, you still get good output with a much longer hose.



Ergonomic design less strain on the operator

Good ergonomics characterizes the LSV39-series. To help reduce operator stress and fatigue further, we have standardized on the usage of an Autobalancer on our grinder. All models in the LSV39-series have textured non-slip grips that are comfortable to hold.



- World's highest power to weight ratio for its size of vane grinders! 1.8 kW lubrication free motor means a higher productivity and shortened process time for you.
- Improved life-time of the angle gear to an amazing 2500h service life.
- Spindle lock for quick and easy change of grinding wheel.
- Autobalancer as standard to reduce the vibration for the operator.
- New ergonomic support handle helps improving the working conditions for the operator.
- New ergonomic trigger that reduces the total grip size.
- Piped away rear exhaust leaves you with a cleaner working environment.



Power at different hose lengths 125 mm angle grinder.



LSV39 sander – excellent control

The LSV39 sander is a great choice for both fine and rough sanding applications. The comfortable support handle gives you excellent control during the sanding process. The lube-free motor keeps the sanded surface nice and oil-free.



LSV39 with dust extraction

All versions of LSV39 sanders can be equipped with accessories for efficient extraction of sanding dust. This is the perfect solution for sanding operations in e.g glass fiber re-inforced plastic and similar materials.

Technical data

Model	Max free speed r/min	Max output kW / hp	Max wheel/ pad dia		Weight kg / lb	Spindle thread	Air consumption at										Auto balancer	Ordering No.
			mm	in			Spindle length mm / in	Max output l/s / cfm	Free speed l/s / cm	Rec hose size mm / in	Air inlet thread BSP / NPT							
Angle grinder																		
LSV39 SA12-125	12000	1.8 2.4	125	5	1.8 4	M14	21	0.83	29.8	63	17.6	37	13	1/2	3/8"	-	•	8423 0133 01
LSV39 ST12-527	12000	1.8 2.4	125	5	1.8 4	5/8-11 UNC	24	0.94	29.8	63	17.6	37	13	1/2	3/8"	3/8"	-	8423 0133 02
LSV39 ST12-427	12000	1.8 2.4	100	4	1.8 4	3/8-24 UNF	22.2	0.87	29.8	63	17.6	37	13	1/2	3/8"	3/8"	-	8423 0133 08
LSV39 SA085-125	8500	1.8 2.4	125	5	1.8 4	M14	21	0.83	29.8	63	17.6	37	13	1/2	3/8"	-	•	8423 0133 09
LSV39 SA085-180	8500	1.8 2.4	180	7	1.9 4	M14	21	0.83	29.8	63	17.6	37	13	1/2	3/8"	-	•	8423 0133 12
Angle sander																		
LSV39 S085-5/8	8500	1.8 2.4	180	7	1.6 3.5	5/8-11 UNC	28	1.1	29.5	61.1	16.3	33.7	13	1/2	3/8"	3/8"	-	8423 0133 03
LSV39 S085-M14	8500	1.8 2.4	180	7	1.6 3.5	M14	28	1.1	29.5	61.1	16.3	33.7	13	1/2	3/8"	3/8"	-	8423 0133 04
LSV39 S066-5/8	6600	1.6 2.1	180	7	1.6 3.5	5/8-11 UNC	28	1.1	26.2	54.3	11.6	24	13	1/2	3/8"	3/8"	-	8423 0133 05
LSV39 S066-M14	6600	1.6 2.1	180	7	1.6 3.5	M14	28	1.1	26.2	54.3	11.6	24	13	1/2	3/8"	3/8"	-	8423 0133 06
LSV39 S120-5/8	12000	1.8 2.4	125	5	1.6 3.5	5/8-11 UNC	28	1.1	29.8	63	17.6	37	13	1/2	3/8"	3/8"	-	8423 0133 07
LSV39 S085-M14 S	8500	1.8 2.4	180	7	1.6 3.5	M14	19	0.75	29.5	61.1	16.3	33.7	13	1/2	3/8"	3/8"	-	8423 0133 11

Accessories

Application	Model	Ordering No.	Description	Ordering No.
Sanders	LSV39 S066-M14	8423 0133 06	Spot suction kit for sanding with fiber disc 125mm (5")	3780 4008 85
	LSV39 S085-M14	8423 0133 04		
	LSV39 S120-5/8	8423 0133 07		
	LSV39 S066-5/8	8423 0133 05		
	LSV39 S085-5/8	8423 0133 03		
	LSV39 S085-M14 S	8423 0133 11	Spot suction kit for sanding with fiber disc 180mm (7")	3780 4008 84
	LSV39 S066-M14	8423 0133 06		
	LSV39 S085-M14	8423 0133 04		
	LSV39 S120-5/8	8423 0133 07		
	LSV39 S066-5/8	8423 0133 05		
Grinders	LSV39 S120-5/8"	8423 0133 07	Spot suction kit for depressed center wheel 125 mm (5")	3780 4008 73
	Universal	-	Add on spot suction 125mm (5")	3780 4032 14
Cutting	LSV39 S120-5/8	8423 0133 07	Spot suction kit for Diamond cutting wheel 125mm (5")	3780 4008 74
Touch guard	LSV39 SA12-125	8423 0133 01	AluGuard cover kit	4150 2300 82
			Ø125 mm saw blade for cutting	4112 1164 00
			Ø125 mm saw blade for milling	4112 1162 00
MultiFlex				8202 1350 22

Introducing the
LSV39 Angle
Grinder



How to install dust
extraction kit on LSV39
Angle Sander



How to mount the
backing pad of
Atlas Copco LSV39



How to install AluGuard
saw blade guard on
LSV39 Angle Grinder



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