

Aliva®-237

Concrete Spraying Machine

Description

The Aliva-237 is a sturdy concrete spraying machine for wet and dry spraying process.

Uses

Thanks to its variable output, the Aliva-237 can be used for small jobs, such as joint filling, as well as for extensive slope consolidation work.

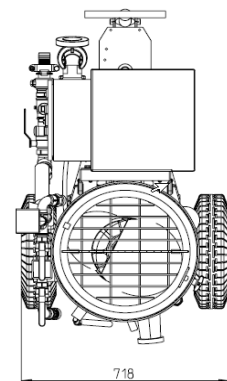
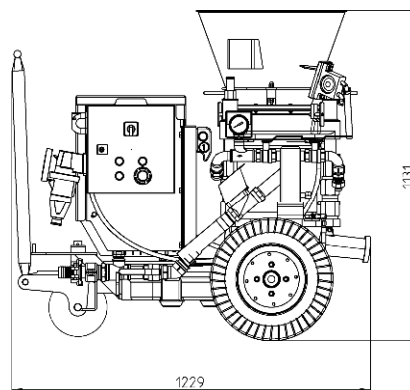
The Aliva-237 is available in the following versions:

- n** STANDARD
Electric drive, single speed
- n** TOP
Electric drive, with FC for variable rotor speed
- n** AIR
With air drive, variable rotor speed

Technical data

Dimensions

With chassis



Length L	
STANDARD / AIR	1229 mm
TOP	1229 mm
Width	718 mm
Height H	
with rotor 0,7 + 2,0 L	980 mm
with rotor 3,6 L	1050 mm
with rotor 5,6 L	1130 mm
Weight	
STANDARD / AIR	approx. 320 kg
TOP	approx. 450 kg
Content of hopper	40 liters



Drive	Electric (STANDARD / TOP)	With air motor (AIR)
	Motor output 2,2 kW	Only 4 th Quarter 2010 available
	Speed range	
	STANDARD 50Hz1500 rpm	
	60Hz1800 rpm	
	TOP 700–1800 rpm	
	Voltages	
	STANDARD 380-415 V 50 Hz	
	400/440 V 60 Hz	
	TOP 380-480 V 50/60 Hz	
	Protection IP 55 / IP 65 (FC)	

Theoretical conveying

Conveying (only dry)

Rotor L	Hose Ø mm	Conveying output *m³/h		max. grain mm	max. conveying distance (m) horizontal / vertical
		STANDARD	TOP		
0,7	32	0,4	0,2-0,5	6	150/60 m**
2,0	32 + 38	1,1	0,6-1,4	12	
3,6	32 + 38	2,0	1,1-2,5	12	
5,6	50	3,2	1,7-4,0	16	

* with theoretical filling degree of 100%, if motor with 60 Hz = 20% higher conveying capacity.

** more than 80 m conveying distance, use steel tubes.

Theoretical air consumption

Hose Ø mm	Air consumption Nm³/min. ***	
	Dry spraying	
	60 m	120 m
32	3	4
38	5	6
50	8	10

*** Air consumption data are approximate values and are depending on conveying output, conveying distance and hose diameter.

Caution:
For the configuration AIR (with air motor) it has to be considered:
Total air consumption =
Air consumption for conveying + Air consumption for air motor!

1 Nm³/min = 35 cfm

Safety instructions

Important safety regulations

For the safe, correct operating of the unit please consult the current machine operating manual. Sika Schweiz AG cannot accept any liability for injury or damages caused by improper use, incorrect or inadequate operation, maintenance or repairs.



Aliva equipment

Legal references

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Aliva-237 TOP



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