

Aliva[®]-246

Concrete Spraying Machine

Description The Aliva-246 is a sturdy concrete spraying machine for the dry spraying process.

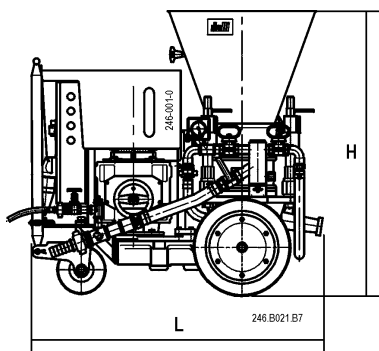
Uses Thanks to its variable output, the Aliva-246 can be used as well for small jobs, such as joint filling, as well for extensive slope consolidation work.
The Aliva-246.5 is available in the following versions:

- **BASIC**
Electric drive, combined with BASIC-Dosing unit (not synchronized)
- **EXTENDED**
Electric drive, combined with EXTENDED-Dosing unit (not synchronized)
- **AIR**
With air drive, combined with BASIC-Dosing unit (not synchronized)

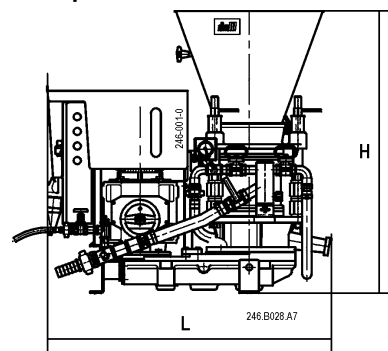
Technical data

Dimensions

With chassis



With pedestal



Length L		
BASIC / AIR	1130 mm	
EXTENDED	1200 mm	
Width	700 mm	
Height H		
with rotor 0,7 + 2,0 L	1110 mm	
with rotor 3,6 L	1180 mm	
with rotor 5,6 L	1260 mm	
Weight		
BASIC / AIR	approx. 320 kg	
EXTENDED	approx. 450 kg	
Content of hopper	45 liters	

Length L		
BASIC / AIR	1130 mm	
EXTENDED	1170 mm	
Width	700 mm	
Height H		
with rotor 0,7 + 2,0 L	1020 mm	
with rotor 3,6 L	1090 mm	
with rotor 5,6 L	1170 mm	
Weight		
BASIC / AIR	approx. 315 kg	
EXTENDED	approx. 430 kg	
Content of hopper	45 liters	



Authorized Distributor:

Thiessen Team USA
1840 Sharps Access Rd,
Elko, Nevada 89801
Ph: (775) 777-1205 Fax: (775) 777-1215
www.thiessenteam.com

Drive	Electric (BASIC / EXTENDED)	With air motor (AIR)
	Motor output 2,2 kW	Motor output 3 kW
	Speed range BASIC 1500 rpm	Speed range 700-1800 rpm
	EXTENDED 700-1800 rpm	Pressure 3,5 bar
	Voltages 400 V 50/60 Hz	Air consumption 4 Nm ³ /min.
	440 V 60 Hz	
	220 V 50/60 Hz	
	Protection IP 55	

Theoretical conveying	Conveying (only dry)				
Rotor L	Hose Ø mm	Conveying output *m ³ /h		max. grain mm	max. conveying distance (m) horizontal / vertical
		BASIC	EXTENDED+AIR		
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 Nm ³ /min. ***		*** 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 Nm ³ /min = 35 cfm
		Dry spraying		
		60 m	120 m	
	32	3	4	
	38	5	6	
	50	8	10	

Safety instructions

Important safety regulations	For detailed informations please consult the latest edition of the machine operating manual.
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Legal references

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Aliva-246 EXTENDED



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