



## ROCK & SLOPE STABILIZATION

Aliva's sprayed concrete machines are designed to address the unique needs of rock and slope stabilization projects, ensuring optimal performance and durability in this critical installation. In situations where sloping terrain demands stabilization, Aliva's sprayed concrete machines emerge as the go-to solution for creating a robust and enduring stabilizing layer.

Aliva's sprayed concrete machines offer precision and efficiency in establishing a robust and enduring stabilizing layer. Whether you're dealing with challenging landscapes or aiming to strengthen slopes against natural elements, Aliva's commitment to reliability and quality shines through in every specialized tool. From the complexities of concrete work to the intricacies of slope stabilization, our product line provides a tailored solution for each unique application.



# AL-257

ROTOR MACHINE – L size



**normet** *aliva*

# AL-257 ROTOR MACHINE – L size

## Rock & Slope Stabilization



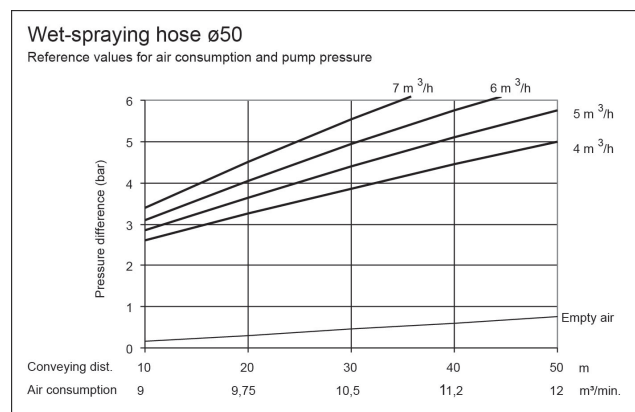
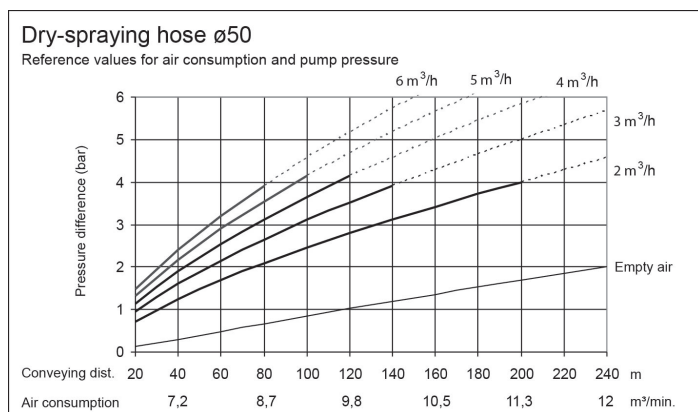
TECHNICAL DATA		
<b>Rotor</b>	L size (9.0 l)	
<b>Output range</b>	2.7 - 7.2 m <sup>3</sup> /h	
<b>Motor</b>	3 x 380 - 480 V/ 50 - 60 Hz (air drive available on request)	
<b>Speed adjustment</b>	Stepless	
<b>Outlet</b>	Ø 60 mm	
<b>Dimensions</b>	Length	1580 mm
	Height	1316 mm
	Width	800 mm
	Weight	650 kg
<b>Hopper volume</b>	57 l	
<b>Feeding height</b>	1236 mm	
<b>Conveying distance</b>	40 m (possible to extend to 100 m with the help of steel pipes)	

ACCESSORIES		
Description	Quantity	Technical detail
<b>Convert to Repro spraying device with valve to adjust the water inflow</b>	1	Ø 50 mm
<b>Conveying hose</b>	2	Ø 50 mm (inside) x 20 m 2" coupling
<b>Water/Accelerator hose</b>	2	Ø 19 mm x 20 m (inside) GK coupling
<b>Reduction</b>	1	Ø 60 mm (3" coupling) to Ø 50 mm (3" coupling)

MATERIALS		
Mix type		Comments
<b>Bagged repair concrete/mortar</b>	Oven dry or dry	Up to 16 mm grain size. The material may contain a certain amount of fibers. If not specified by the producer please consult the Aliva support desk about conveyability and proper setup.
<b>Job site mix</b>	Dry or earth moist	If the material is mixed at the site it can be used with up to 16 mm max. grain size. It is recommended to involve concrete experts for a proper mix design.
<b>Concrete plant</b>	Wet mix	Up to 16 mm grain size. The material may contain a certain amount of fibres and the wet mix must have less fines than pumpable concrete. Please consult the Aliva support desk about conveyability and proper setup.

**ADDITIONAL INFORMATION**

We recommend to use for this set a compressor unit of 7.2 m<sup>3</sup>/min (255 cfm) for dry spraying and 11.2 m<sup>3</sup>/h (400 cfm) for wet spraying for longer distances see chart below



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