

ROCKCRETE EQUIPMENT'S ROCKCRETER ANTLIA



Solutions for tunneling and mining



ROCKCRETE
EQUIPMENT (PTY) LTD

Overview

The Rockcreter Antlia is a machine that combines the advantages of wet-mix spraying with the low cost of a dry-mix machine. Designed to fill the void in the medium to small capacity class, it possesses attributes normally found only in large pumps. The Rockcreter Antlia is an oil-hydraulically driven twin-piston pump especially suitable for hand spraying and use with small spraying manipulators. Offering simple construction and operation.

Applications

Rockcreter Antlia is used for the delivery and spraying of wet-mix concrete. Typical applications include permanent and temporary rock support in tunnels, mines, for slopes protection or in fact whatever concrete needs to be sprayed or applied. It can also be used for pumping, grouting and repair work. Being a piston pump it provides much more versatility, in both mix types and potential conveying distance, than a rotor stator pump of similar capacity. Pumping of a thick and stiff mix also propose no problem. It's compact design helps it fit into any working area.



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Technical Specifications

Dimensions & Specifications

Pump type	:	S-Tube Swing 76mm
Output capacity	:	Up to 6m ³ /hr
Aggregates	:	Up to 13mm
Weight	:	700kg
Length	:	2100 mm (Skids) 2700 mm Trailer
Width	:	800 mm (Skids) 1200 mm Trailer
Height	:	1500 mm

Pumping Distance	:	100m
Pumping Height	:	30m
Pumping Tubes	:	76 mm
Tube Length	:	660 mm

Hydraulic pressure	:	150 bar pre-set
Delivery pressure	:	70 bar

Drive motor	:	11kw 525/380 Volt /Diesel
Oil capacity	:	160 litres
Oil type	:	Mineral hydraulic oil
Mounting	:	Skid mount / Trailer mount / Rail car

OPTIONS:

- Peristaltic Dosing Pump
- Diaphragm Dosing Pump
- Trailer Mount

Pressure	:	4 bar
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