



SHOTCRETE BOOM SC 350 RT

The Scamac SC350RT is a fully mechanized rubber tired mounted shotcrete boom, specifically designed to operate in small tunnels, shafts or in area having a narrow or difficult access. Compactly designed, the SC 350RT is equipped with a diesel engine and also with an electric motor. By this solution the operator can choose the power source which best fits to the application. The unit is complete of all accessories necessary for putting the equipment in operation: concrete, air and additive hoses, nozzle, cleaning device and remote control units.

Standard Characteristics

- Reinforced rubber tired, central hinged vehicle, 4 wheel driving
- Operator set ROPS FOPS
- Powerful water cooled diesel engine;
- 2 sturdy extendable support legs for highest stability and 180° spraying coverage area;
- Telescopic boom, high mobility nozzle support and terminal feed, stroke 1m, which can be aligned to the surface to be lined for having a smooth and continuous operation;
- Electrical remote control units for moving the carrier and the boom.

Options

- Working lights 2x500W to be installed on the boom;
- Remote control unit having the possibility to control the concrete pump and the additive dosing system.
- Additive pump
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Dimensions and weight transport		
Length	5.530	mm
Width	1.860	mm
Height	2.563	mm
Weight	2.500	kg
Operating limitation of the machine		
Max. gradient when driving	15%/3%	Long./transv.
Max Greadability angle	18°	Long./transv.
Ground clearance	262	mm
Carrier		
Diesel motor (other models available)	Lombardini 1210	
Starter	electric	
Power rating	16,8	kW
Tires	7,5x16	
Transmission	Mechanical 4 gears with reverse	
Stabilizers operation	Hydraulic	
Service brake	Hydraulic	
Parking brake	Mechanical	
Fuel tank	15	l
Electric system	12	V
Batteries	55	Ah
Steering	Hydraulic	
Max speed	18	Km/h
Control		
Carriage and stabilizers	Driver seat	
Boom, pump and additive system	Remote control	

Additive tank capacity	250 l	
Hydraulic system		
Hydraulic pump	Variable displacement pump	
Hydraulic tank	40+15	l
Electric motor	7,5	kW
Electric system		
Supply voltage	400 V	50 Hz
Auxiliary	12	V DC





Boom	SC 350.2	
Boom telescopic extension	2.000	mm
Boom rotation	320°	mm
Boom tilt	-30+70	°
Nozzle feed extension	1.000	mm
Nozzle feed tilt	-30+70	°
Nozzle feed rotation	±90	°
Nozzle tilt	±90	°
Nozzle rotation	±180	°
Working range lateral	13.900	mm
- with extension parallel to tunnel	9.100	mm
Working range vertical	10.140	mm
- with extension parallel to tunnel	8.480	mm

