



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.

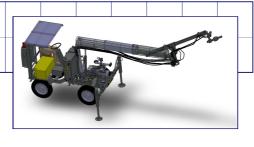
Standard Characteristics

- 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

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	I			
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	I		
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	0
Nozzle feed extension	1.000	mm
Nozzle feed tilt	-30+70	۰
Nozzle feed rotation	±90	۰
Nozzle tilt	±90	۰
Nozzle rotation	±180	۰
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

