

SHOTCRETE CRAWLER BOOM SC 350 CW

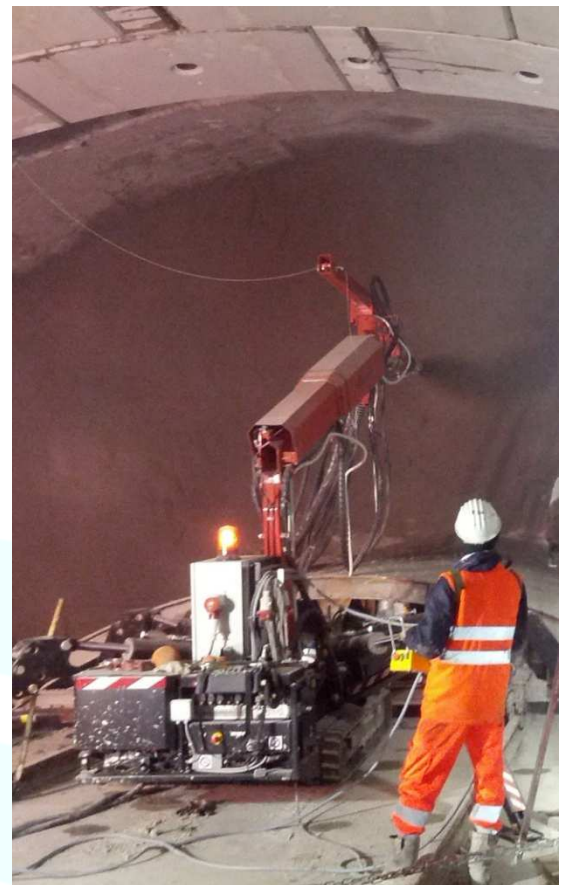
The Scamac SC350CW is a fully mechanized crawler mounted shotcrete boom, specifically designed to operate in small tunnels, shafts or in area having a narrow or difficult access. Compactly designed, the SC 350W is equipped with a diesel engine and also with an electric motor. By this solution the operator 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 track carrier with two independent hydrostatic drives and extendable carriage;
- Powerful water cooled diesel engine;
- 4 sturdy articulated support legs for highest stability and 320° spraying coverage area;
- Telescopic boom available in two different versions, 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.



Dimensions and weight transport		
Length	4.912	mm
Width	1.292	mm
Height	2.263	mm
Weight	3.100	kg
Operating limitation of the machine		
Max. gradient when driving	25%/6%	Long./transv.
Max. gradient in working position having equipment stabilized	25%	Long./transv.
Ground clearance	289	mm
Carrier		
Diesel motor (other models available)	Lombardini 12LD	
Starter	electric	
Power rating	16,8	kW
Crawler	variable track gauge	
Transmission	hydrostatic	
Stabilizers operation	hydraulic	
Service brake	hydrostatic 2 circuits	
Parking brake	locking pins	
Fuel tank	7	l
Electric system	12	V
Batteries	55	Ah
Speed 1	1,8	Km/h
Speed 2	2,8	Km/h
Control		
Carriage and stabilizers	remote control	
Boom, pump and additive system	remote control	

Hydraulic system		
Hydraulic pump	variable displacement pump	
Hydraulic tank	50	l
Electric motor	7,5	kW
Electric system		
Supply voltage	400	50 Hz
Auxiliary	12	V DC





Boom		
Type	SC 350.2	SC 350.3
Boom telescopic extension	2.000 mm	3.000 mm
Boom rotation	320°	320°
Boom tilt	-30°+70°	-30°+70°
Nozzle feed extension	1.000 mm	1.000 mm
Nozzle feed tilt	-30°+70°	-30°+70°
Nozzle feed rotation	±90°	±90°
Nozzle tilt	±90°	±90°
Nozzle rotation	±160°	±160°
Working range lateral	15.000 mm	17.000 mm
With extension parallel to tunnel	12.200 mm	14.200 mm
Working range vertical	10.000 mm	11.000 mm
With extension parallel to tunnel	8.200 mm	9.200 mm

