

# COBRA PROi

The first electronic fuel injection system  
on a petrol breaker



## WHAT FUEL INJECTION MEANS FOR YOU

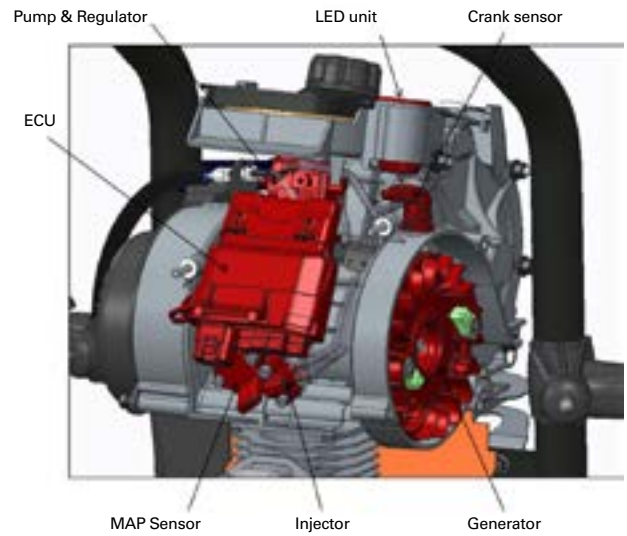
- **Less fuel** – Up to 10 % savings thanks to optimal combustion
- **More power** – Up to 10 % more power at all working speeds
- **Same state of tune** – less routine maintenance
- **Easier starts** – Regardless of climate or altitude

*Atlas Copco*



# What's inside

- **Battery less system – no weight increase and cost**  
The ECU gets the voltage and current from the generator, so during start the ECU wakes up during the first revolutions when you pull the starter rope.
- **No electric fuel pump**  
Mechanical pump is integrated in the component and uses unique system that keeps constant pressure to the regulator without help of electric.
- **Low pressure fuel system 0.2 bar**  
Thanks to custom made injectors – no 3 bar needed as in standard Efi systems.
- **Unique way to manage the fuel pressure in the system**  
Stay out of too much pressure variations and voids in the fuel.
- **All software functionality is Atlas Copco development**  
Air mass calculation is conducted only with the pressure transmitter.



# What's new in appearance

Trigger with kill-switch migrated from the left to the right handle, kill-switch is now a button



No choke



## Technical Data

		Cobra PROi 25x108	Cobra PROi
Weight (rounded)	kg	23	24
Length	mm	877	927
Impact energy	Joules	60	60
Blow frequency	bpm	1440	1440
Power	kW	2	2
Motor	cc	90	90
		2 stroke	2 stroke
Fuel capacity	l	1	1.0
Fuel mixture	%	2	2
Fuel consumption	l/hour	0.8	0.8
Vibration level 3 axes (ISO 28927-10)	m/s <sup>2</sup>	3.8	3.8
Alkylate fuel		yes	yes

Model	Shank size	Part no.
Cobra PROi	25x108 ISO	8318 0702 09
Cobra PROi	25x108 US	8318 0702 11
Cobra PROi	28x152	8318 0702 07
Cobra PROi	28x160	8318 0702 05
Cobra PROi	32x152	8318 0702 03
Cobra PROi	32x160	8318 0702 01