

Scania Power Pack

9- and 13-litre engines



The Scania Power Pack is a reliable power source designed for easy installation and maintenance. The unit consists of an engine-mounted radiator, including mounting brackets for easy installation, which can be combined with engines with a rated output from 202 kW up to 405 kW. All air and water connections between engine and radiator are made at the Scania factory to ensure short installation time and high quality. The Scania Power Pack has been designed and tested to suit the toughest operating conditions. Easy maintenance is crucial to many applications and the radiator is designed for use in dusty environments, e.g. stone crusher operation.

The industrial engine is based on a robust design with individual cylinder heads and four valves per cylinder that makes for easy maintenance and good fuel economy.

The engine can be fitted with many accessories such as air filters and PTOs in order to fit a variety of applications.

	Range	
	DC09	DC13
Engine displacement (litres)	9.3	12.7
Configuration and number of cylinders	5 in-line	6 in-line
Gross power (kW)	202-294	257-405
Gross power (hp)	275-400	350-550
Max gross torque (Nm)	1552-1967	1950-2496

Standard equipment

- EMS, engine management system
- Scania XPI, extra high pressure fuel injection (DC09 070/077A and DC13 070/077A)
- Scania PDE, unit injectors (DC09 074A and DC13 074A)
- Turbocharger
- Fuel filter and extra pre-filter with water separator
- Oil filter, full flow
- Centrifugal oil cleaner
- Oil cooler, integrated in block
- Oil filler, in valve cover
- Deep front oil sump
- Oil dipstick, in block
- Magnetic drain plug for oil draining
- Starter, 1-pole 5.5 kW
- Alternator, 1-pole 100A
- Flywheel, for use with friction clutch
- Silumin flywheel housing, SAE 1 flange
- Front-mounted engine brackets
- SCR system (DC09 070/077A and DC13 070/077A)
- Open crankcase ventilation
- Operator's manual

Optional equipment

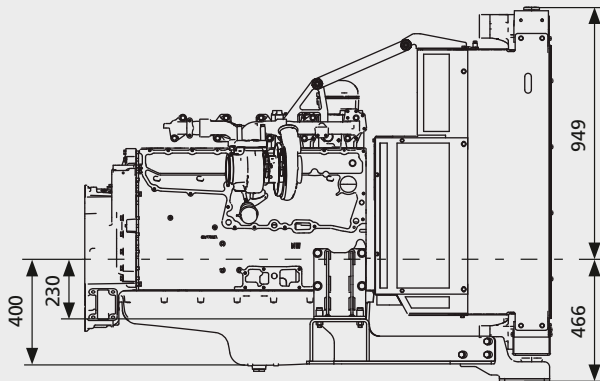
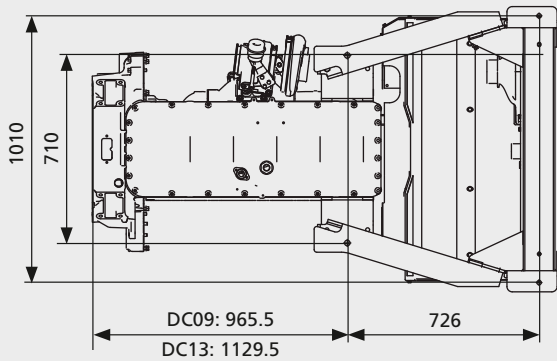
- Cooling package, separate or pre-assembled
- Puller and pusher fans
- Fan ring with sealing
- Hydraulic pump
- Air compressor
- AC compressor
- Side-mounted PTO
- Front-mounted PTO
- Exhaust connections
- Electrical base system
- Control and instrument panels
- Accelerator position sensor
- Engine heater
- Flywheels: SAE11.5", SAE14", DANA15/16", DANA17" flexplate, ZF WG260
- Stiff rubber engine suspension
- Air cleaner
- Closed crankcase ventilation
- Studs in flywheel housing
- External thermostat for extra oil cooler
- Low coolant level reaction
- Variable idle speed setting
- Low oil sump

This specification may be revised without notice.

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Dimensions (in mm)



Cooling performance

DC09 070/077A, 294 kW

Cooling package 1.1 m²

Fan Ø750 (el. temp. controlled), ratio 1:0.9

	Air-on temp (°C)	Airflow (kg/s)	Restriction (Pa)
1500 rpm	72	5.5	500
	73	6.5	300
	75	8	130
1800 rpm	55	7	700
	61	9	300
	63	9.5	200
2100 rpm	55	8	900
	61	9	700
	63	11	300

Cooling performance

DC13 070/077A, 405 kW

Cooling package 1.1 m²

Fan Ø750 (el. temp. controlled), ratio 1:0.9

	Air-on temp (°C)	Airflow (kg/s)	Restriction (Pa)
1500 rpm	66	5.5	500
	67	6.5	300
	70	8	130
1800 rpm	47	7	700
	55	9	300
	56	9.5	200
2100 rpm	46	8	900
	54	9	700
	55	11	300

