



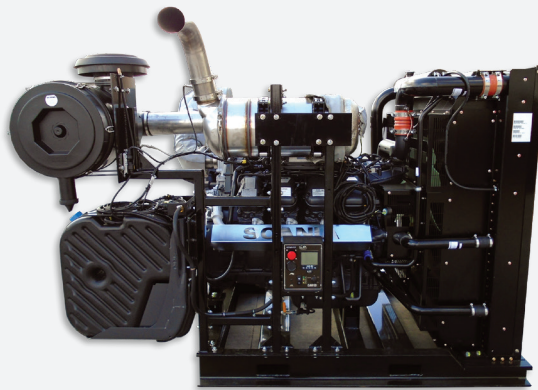
A SIMPLER SOLUTION.

IT'S ABOUT TIME.

Say goodbye to diesel particulate filters and regen. Our solution for Tier 4 Final incorporates both SCR and EGR technology. Because of these highly efficient Scania developed solutions, there's no need for diesel particulate filters, which means fewer parts, less bulk and lower costs. Scania Tier 4 Final engines have no diesel particulate filter (DPF) and that means no regeneration, ever. With an excellent service network we are positive it will give you an advantage over the competition.

EXTENSIVE SUPPORT THROUGHOUT THE U.S.

Scania Engines has over 350 dealers in North America and 1600+ worldwide. All are factory trained on Tier 4 Final off road engines so you can find service and parts anywhere. A 98% parts fill rate in North America will get you the parts you need fast. Every engine has a toll free number that will connect you to the closest dealer 24/7.



VISIT LOFTINEQUIP.COM FOR MORE INFO

DC-09

Configuration:	5 in-line
Emissions:	Tier 4 Final
Displacement CID (Liters):	568 (9.3L)
Emission control system: Selective Catalytic Reduction (SCR), Exhaust Gas Recirculation (EGR) & Diesel Oxidation Catalyst (DOC)	

DC-13

Configuration:	6 in-line
Emissions:	Tier 4 Final
Displacement CID (Liters):	775 (12.7L)
Emission control system: Selective Catalytic Reduction (SCR) and Exhaust Gas Recirculation (EGR)	

DC-16

Configuration:	V-8
Emissions:	Tier 4 Final
Displacement CID (Liters):	1001 (16.4L)
Emission control system: (*85 only SCR) Selective Catalytic Reduction (SCR) and Exhaust Gas Recirculation (EGR)	

RELIABILITY

The new engine platform from Scania takes ruggedness, strength and reliability to new heights. The unique modular system and the complete array of power ratings and emission steps, equals endless possibilities to customize solutions for demanding applications. Any Scania engine of your choice will contribute to unparalleled operating economy, outstanding efficiency and excellent environmental performance.

FUEL SAVINGS

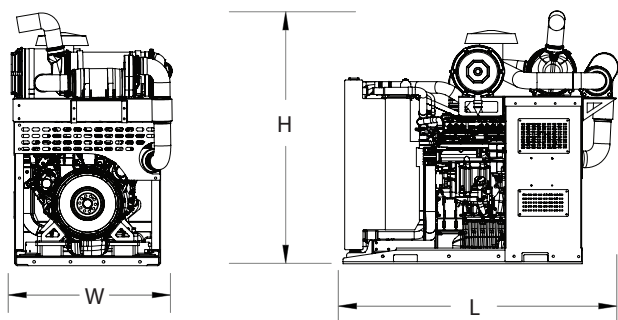
Scania takes fuel economy, environmental performance and operational efficiency to new levels. Every vital aspect is controlled by the Scania EMS (engine management system). With up to 2400 bar (34800 PSI) injection pressure, the Scania XPI injection system contributes to low particulate emissions and exceptional low-rev capabilities.

LESS DOWNTIME

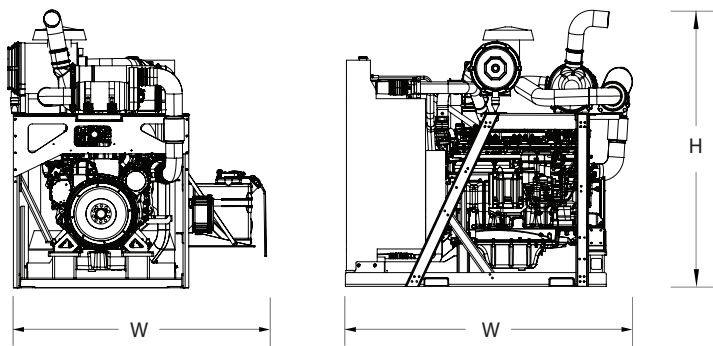
Scania's modular concept with shared components and systems means higher parts availability, minimized waste and easy servicing for a single technician. Scania Engines boast a 500 hour oil change interval. Scania's proven track record of reliability and quality equals better business and an unbeatable operating economy.

BEST IN CLASS LOW END TORQUE SCANIA ENGINES

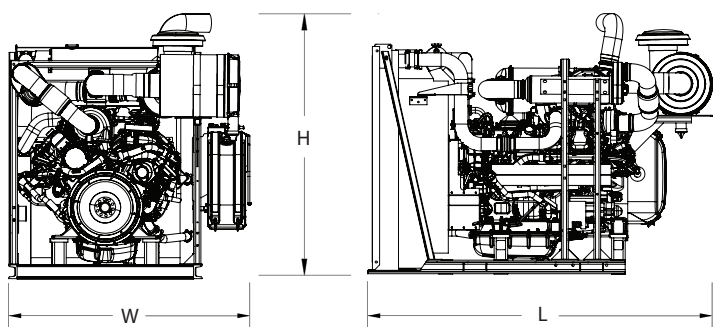
DC-09



DC-13



DC-16



OPU Dimension (given in inches)

MODEL	DC-09	DC-13	DC-16
Length (L)	83.00	89.18	101.87
Height (H)	77.00	75.56	76.81
Width (W)	45.00	73.43	68.80
Weight lbs*	2900	3500	4500

The DC-9, DC-13 and DC-16 engines are offered as Open Power Units (OPUs). All OPUs are fitted with a cooling system, engine brackets, air filter and aftertreatment exhaust system. The unit is delivered on mounting feet for OEM mounting.

* Dry weight

HORSEPOWER, TORQUE, RPM, AND RATINGS

Engine Model		DC-09						DC-13				DC-16				
Model Category		084A	085A			086A		084A		085A*		084A				085A*
HP		275	315	330	350	375	400	400	450	500	550	550	600	650	670	770
Max rpm		2100						2100			1900		2100			
Duty Rating		ICFN				IFN		ICFN		IFN		ICFN			IFN	
Max. Torque	lbs ft.	1145	1262	1291	1328	1381	1384	1591	1663	1750	1750	2148	2314	2354	2348	
	rpm	1200			1300		1400	1200	1300			1300	1400		1500	
ICFN Rating		Continuous Service: Rated output is available 1 h/1 h. Unlimited h/year service time at a load factor of 100%. Power test code: ISO 3046, Continuous power, Fuel stop power, Net power (Dependent auxiliaries per ISO 3046 not accounted for cooling fan, alternator etc.)														
IFN Rating		Intermittent Service: Rated output available 1 hour/6 hours period. Unlimited h/year service time at a load factor of 80%. Power test code: ISO 3046, Continuous power, Fuel stop power, Net power (Dependent auxiliaries per ISO 3046 not accounted for cooling fan, alternator etc.)														
*Approved for ICFN continuous duty rating for water transfer pump applications.																

EASY TO BUILD TO YOUR INDIVIDUAL REQUIREMENTS & CONFIGURATION

Engine controls, and a wide selection of options are offered to ensure OPUs from Loftin Equipment Co. exactly meet your requirements.

Cooling package

Enclosure

Puller/pusher fans

Hydraulic pump

Air cleaner

Closed crankcase ventilation

Air intake shut down valve

Air compressor

AC compressor

Side/front mounted PTO

Control/instrument panels

External thermostat for extra oil cooler

Variable idle speed setting

Air starter

Engine heater

Flywheels: SAE11.5, SAE14

Allison 4000 flex plates

Engine suspension

Low oil sump

Oil level sensor

External oil cooler

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