

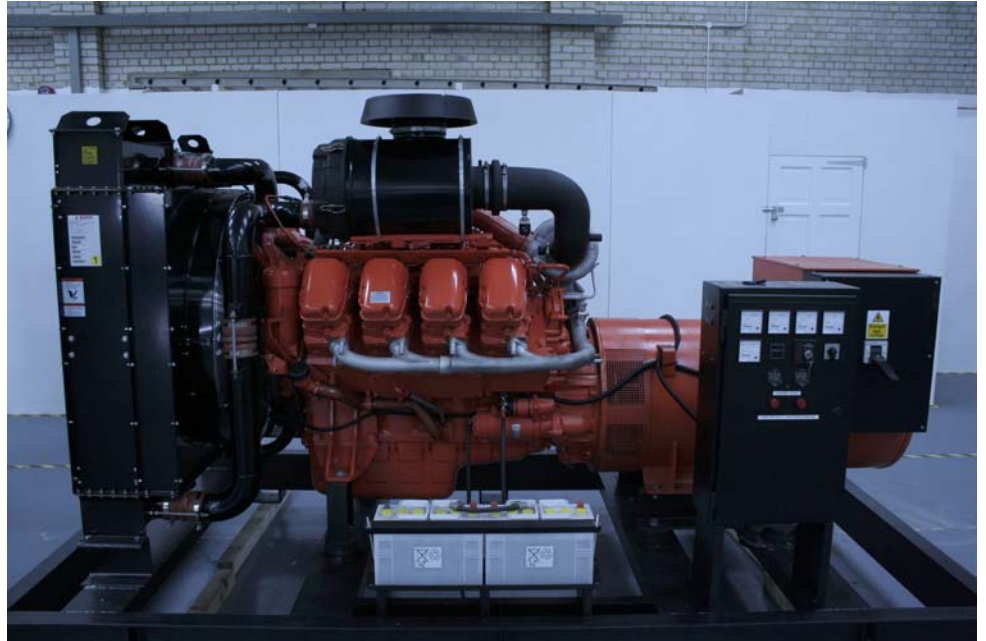
Arun International

For Reliable Power

SCANIA POWERED 3 PHASE GENERATING SETS

All Arun Generating sets are manufactured to International Standards and renowned for their superior performance and reliability.

Based on years of experience, these generating sets provide the benefits of low fuel consumption, low maintenance and flexible options.



STANDARD GENERATING SET SPECIFICATION

The generating set is supplied complete with the following equipment:

- Modern High Performance 4 stroke diesel engine proven in operation with excellent fuel economy
- Water cooling radiator
- Single bearing three phase alternator of International repute
- Engine and alternator directly coupled and mounted on flexible mountings
- Fabricated steel base frame
- 8 hour full load running capacity fuel tank fitted in the base frame
- Engine starter motor and battery charger
- Heavy duty lead acid starting battery with terminal leads
- Industrial silencer, supplied loose
- Flexible exhaust section, supplied loose
- Manual start control panel fitted with:
3 x Ammeters, 1 x Voltmeter and Selector switch, Frequency/rpm meter, Hours run meter, Key-start module, Circuit Breaker. Alarms and Shutdown for Low oil pressure, High engine temperature, Over-speed, Fail to start.
- Operators instruction and maintenance manual
- Wiring diagrams

APPLICATIONS

Scania generating sets are ideal for the following applications where you can depend on its reliability, easy maintenance and worldwide support:

- Industrial Power – Mains and Standby
- Telecoms and ISP – Electronic Governors are either standard or a low cost option
- Contracting Plant
- Oil and Gas





GENERATING SET GENERAL TECHNICAL DATA

Arun Model	Engine Type	50 Hz				60 Hz				Length A (mm)	Width B (mm)	Height C (mm)	Weight (Kgs)
		Prime (PRP)		Standby (LTP)		Prime (PRP)		Standby (LTP)					
		kVA	kW	kVA	kW	kVA	kW	kVA	kW				
SC0160	D9-92 10-22	160	128	175	140	175	140	200	160	2400	850	1600	1650
SC0175	D9-92 10-21	175	140	200	160	200	160	225	180	2400	850	1600	1650
SC0200	D9-92 10-20	200	160	225	180	225	180	250	200	2500	850	1600	1970
SC0250	DC9-50 10-27	250	200	275	220	275	220	300	240	2700	850	1600	2200
SC0275	DC9-50 10-26	275	220	300	240	300	240	325	260	2700	850	1600	2200
SC0300	DC12-54 10-80	300	240	350	280	325	260	375	300	3000	1050	1850	2580
SC0325	DC12-42 10-23	325	260	375	300	350	280	400	320	3000	1050	1850	2580
SC0350	DC12-41 10-27	350	280	400	320	375	300	400	320	3200	1100	1850	2816
SC0375	DC12-41 10-26	375	300	425	340	400	320	425	340	3200	1100	1850	2816
SC0399	DC12-41 10-25	400	320	450	360	425	340	450	360	3200	1100	1850	2816
SC0400	DC16 43A 10-20	400	320	450	360	400	320	450	360	3200	1100	1850	2816
SC0450	DC16 43A 10-21	450	360	500	400	475	380	500	400	3200	1100	1850	2816
SC0500	DC16 43A 10-22	500	400	550	440	500	400	550	440	3220	1261	1780	2900

All ratings data based upon operation at up to 40°C, 1000m.a.s.l. and 60% relative humidity. Above these, derates may apply.
kVA Ratings based on 0.8 power factor.

Prime power – Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour in every twelve hours of operation.

Standby Power – Power available at variable load in the event of a main power network failure. No overload is permitted.

Optional Equipment

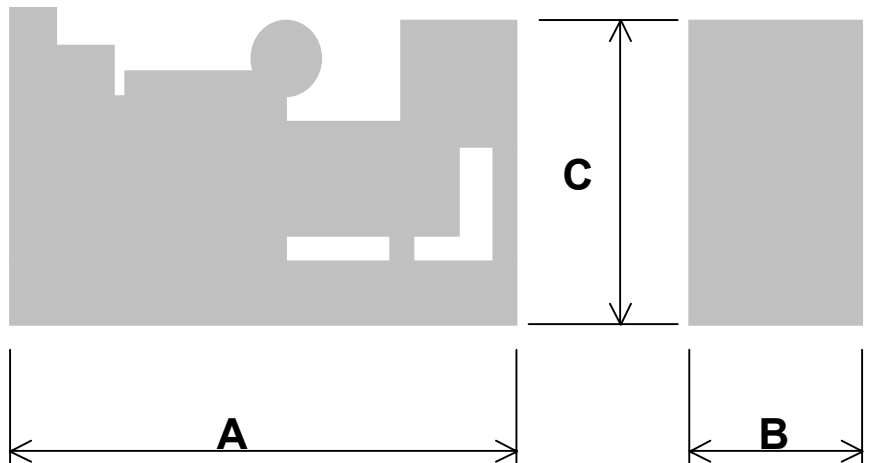
Mechanical

- Weatherproof enclosures
- Acoustic enclosures (from 85dBA @ 1 metre - 65dBA @ 1 metre)
- External fuel oil storage tanks
- Fuel transfer pumps
- Exhaust silencers: Residential, Super silenced, Spark arrestor
- Acoustic silencers for mounting in generating set rooms
- Trailers for towing on construction sites, main highways

Electrical

- Emergency Stop Button
- Jacket Water Heaters
- Remote start electric control panels
- Automatic Mains Failure control panels
- Automatic and Manual Transfer switches

Dimensions



For further information on complete range of mechanical and electrical options please contact our U.K. Sales Office or Agent in your local country.

Arun International (Power) Ltd
 Unit F1 Dominion Way, Rustington Trading Estate
 Rustington, West Sussex
 BN16 3HQ, United Kingdom
Tel: +44 1903 850285
Fax: +44 1903 850636
Email: sales@arunpower.co.uk
Website: www.arunpower.com

Distributed By: