

# 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

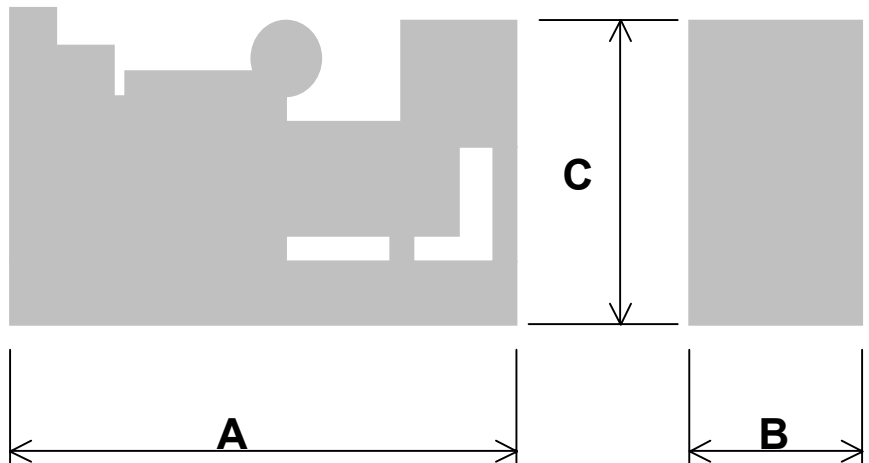
#### Mechanical

- 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: