



SilentPower™

> Acoustic enclosures

For diesel generator sets ranging from 15 to 750 kVA
Designed to meet the most stringent norms for noise levels
Manufactured in state-of-the-art facilities
Easy maintenance with better service access

sudhir



SilentPower™

Meeting the most stringent emission and noise norms of the industry, these enclosures guarantee value for years to come.

'SilentPower™' range of generating sets - 15 kVA to 750 kVA

The new 'SilentPower™' range of Acoustic Enclosures is a result of path breaking development work by a team of highly skilled and proficient engineers from Cummins Power Generation and Sudhir Gensets Limited. These compact, fully integrated, weatherproof acoustic enclosures are designed to provide truly world class sound attenuation besides offering easier serviceability and maintenance, lesser noise levels, greater reliability and a host of user-friendly features.

Designed and approved by Cummins, these enclosures meet the most stringent noise levels specified by the Ministry of Environment and Forest, (MOEF) Government of India (GOI), as per notification no. GSR 371(E) dated May 17, 2002 and are certified for noise control levels of 75 dbA @ 1 meter distance by the MOEF, GOI appointed nodal agencies.

State-of-the-art manufacturing facilities such as, CNC machines and automated welding, painting and powder coating processes, ensure uniform paint quality and superior finish for a longer and more durable life even at outdoor applications. The 1.6 mm gauge CRCA sheets provide greater strength and longer shelf life whilst the specially manufactured EPDN gasket fittings help prevent sound leakage. Specially designed lifting points on the base frame assist in load sharing during lifting. Provision of an emergency push button on the outside of the enclosure is in adherence to the required security and safety measures.



Design and features



Facility at Silvassa



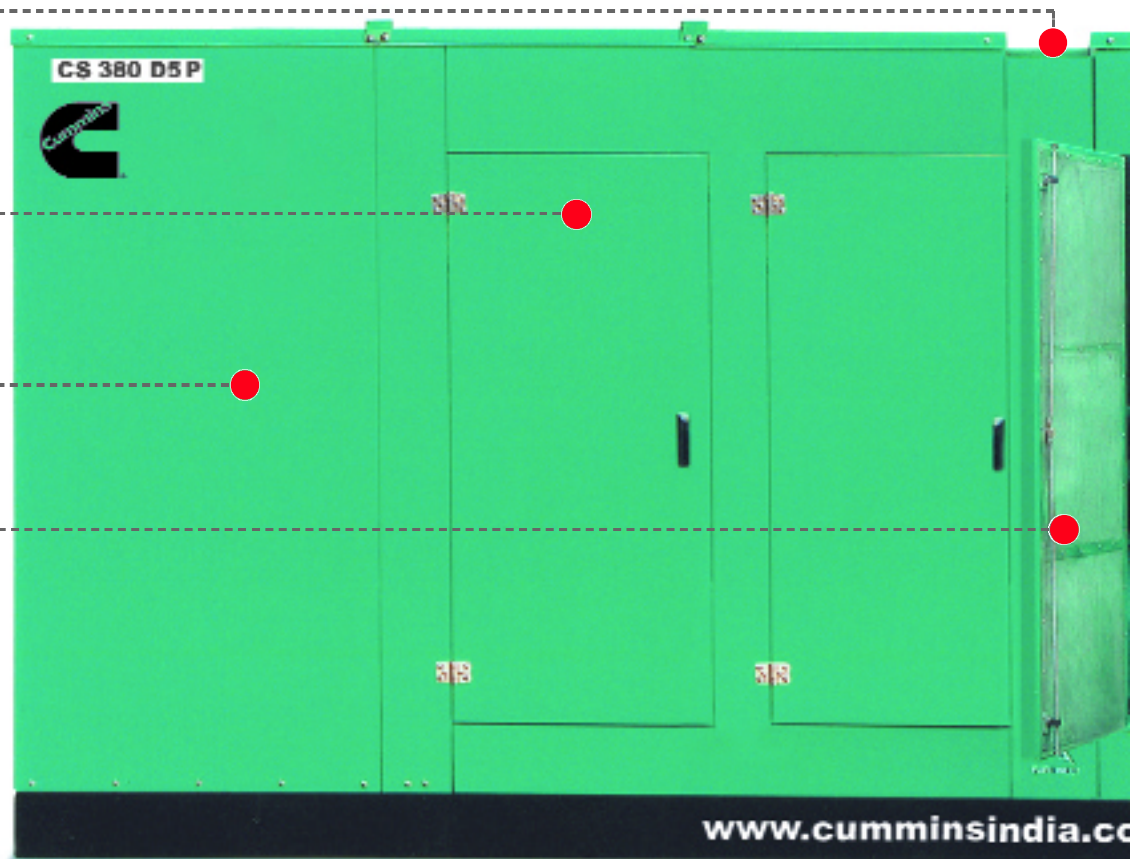
CNC turret punch and press brakes for accuracy in punching, bending and shearing

Single point lifting for easy handling at customer site (up to 380 KVA)

Wide access doors for easy maintenance

Compact design

Long lasting acoustic insulation behind perforated steel for attenuation



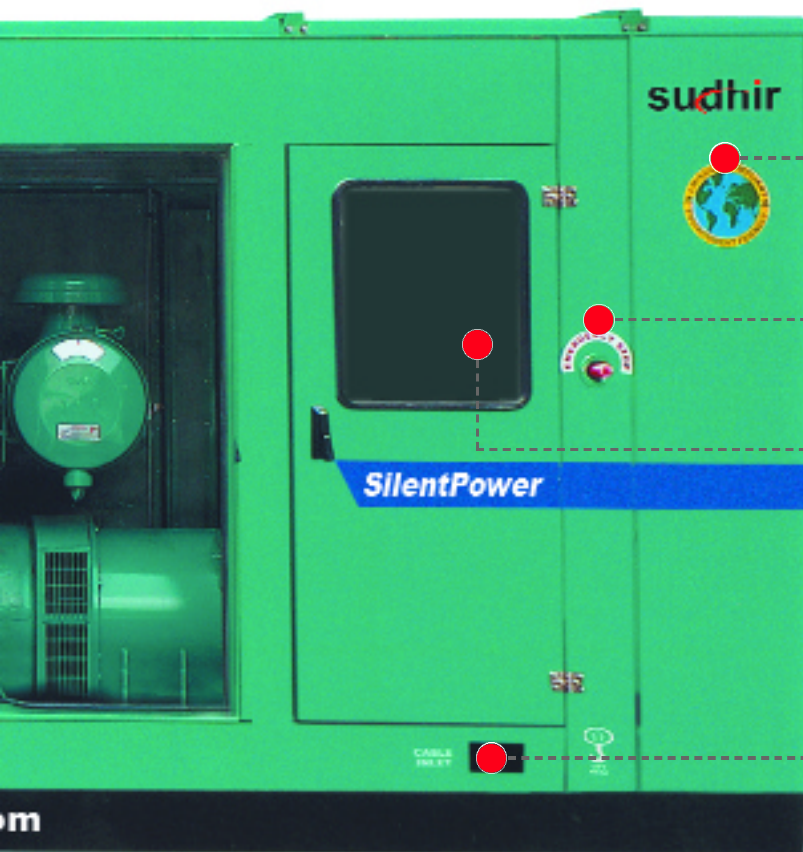
Acoustic enclosures are designed with a host of user friendly features making them an ideal choice for industries that need reliable and safe source of power.



Various machines enabling quick and precise production of the enclosures

Product features

- Door open retainers
- Easy access to the battery for top up
- Easy access to the radiator for cleaning
- Powder coated for superior finish and longer weather resistance
- Stainless steel fasteners for longer life
- Flush styling - no projections



Every enclosure is certified to meet the Emission norms

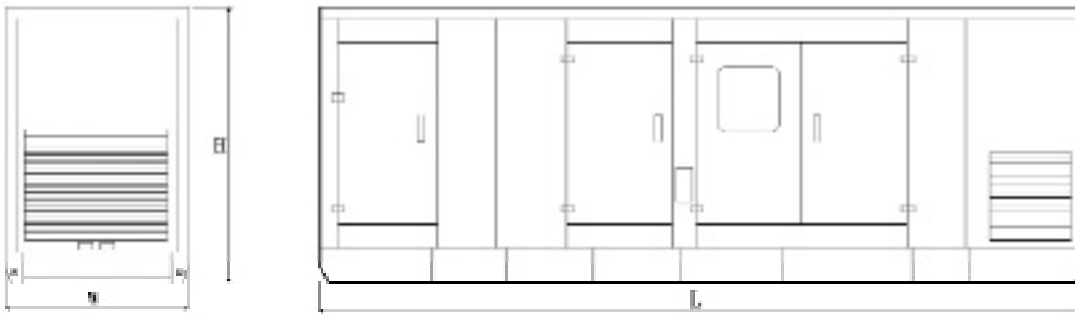
Recessed, easily accessible emergency stop button

Instrument panel viewing window

Cable entry provision for easy installation at site

Typical enclosed genset dimensions*

Model	Prime Rating (kVA)	Engine Model	Enclosure Dimensions		
			Length (mm)	Width (mm)	Height (mm)
CS 15 D5 P	15	X 1.7 G1	2400	900	1375
CS 20 D5 P	20	X 2.5 G1	2400	900	1375
CS 25 D5 P	25	X 2.5 G2	2400	900	1375
CS 30 D5 P	30	S 3.8 G2	2800	1150	1450
CS 35 D5 P	35	S 3.8 G3	2800	1150	1450
CS 40 D5 P	40	S 3.8 G4	2800	1150	1575
CS 50 D5 P	50	S 3.8 G6	2800	1150	1575
CS 62.5 D5 P	62.5	S 3.8 G7	2950	1150	1575
CS 75 D5 P	75	6BT 5.9 G1	3850	1150	1700
CS 82.5 D5 P	82.5	6BT 5.9 G1	3850	1150	1700
CS 100 D5 P	100	6BTA 5.9 G1-I	4000	1150	1700
CS 125 D5 P	125	6BTA 5.9 G2-I	4000	1150	1700
CS 140 D5 P	140	6BTAA5.9 G1-I	4000	1150	1700
CS 160 D5 P	160	6CTA 8.3 G1-I	4500	1500	1850
CS 180 D5 P	180	6CTA 8.3 G2-I	4500	1500	1850
CS 200 D5 P	200	6CTAA8.3 G1-I	4500	1500	1850
CS 250 D5 P	250	6CTAA 8.3 G4	4650	1700	2050
CS 320 D5 P	320	NTA 855 G2-I	5500	2000	2520
CS 380 D5 P	380	NTA 14 G3	5500	2000	2520
CS 500 D5 P	500	KTA 19 G9	6500	2000	2300
CS 600 D5 P	600	VTA 28 G3-I	7000	2500	2925
CS 625 D5 P	625	VTA28 G5-I	7000	2500	2925
CS 750 D5 P	750	KTA 38 G2-I	7500	2500	2925



* Dimensions of the enclosure are excluding the silencer.
 The information contained in this publication is typical only. It does not form part of any contractual commitment and is subject to change without notice.

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by first week of October)**

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